



Office of the Chief Executive

735 Randolph Street, Suite 1900
Detroit, Michigan 48226

December 23, 2025

The Honorable
Board of Directors
Great Lakes Water Authority

RE: CEO Report – December 23, 2025

Chairperson Miller and Directors,

I'll begin my report by sharing some information on an important \$87 million wastewater infrastructure project, which will help build system resiliency during wet weather. This project is a new relief sewer tunnel between our Northwest Interceptor Sewer (NWI) and the Oakwood Retention Treatment Basin (RTB).

As you may know, the NWI is a 10-foot diameter sewer pipe that operates every day, and fills rapidly during large storms, sometimes resulting in excess wet weather overflows into the Rouge River.

During large storms, this new 14.5-foot diameter relief sewer tunnel, which is buried 35-feet underground, will redirect flow from the Northwest Interceptor to the RTB.

The tunnel, which will be two-thirds of a mile in length, will be dug using an Earth Balance Tunnel Boring Machine. This specialized piece of equipment is more than 17-feet in diameter and weighs more than 600,000 pounds. To give you an idea of its scale, when completed you could drive a semi-truck through the tunnel!

The redirection of flow will increase system efficiency by lowering sewer levels in the NWI during wet weather, allowing us to better control of flow in large rainstorms. It will also improve environmental health for communities on the west side of the regional conveyance system by reducing the potential for wet weather overflows into the Rouge River. Finally, the new tunnel will increase system resiliency by providing an additional option for sewage treatment should a problem occur at our Water Resource Recovery Facility.

As is the tradition with all projects involving a tunnel boring machine, last week we held a commissioning ceremony at the project site in southwest Detroit. To capitalize on the incredible visuals at the site, we also invited the media to attend and learn about the project to assist with public education on how we continue to invest in the regional system.

Tunneling is expected to begin in spring 2026 and be completed in early 2027, with the full project, including site restoration, expected to be wrapped up in mid-2028.

Staying in that same spirit of stakeholder engagement and education, there are a few other items I would like to share with you. First, Chief Resiliency Officer Todd King represented GLWA at the 2025 U.S. Water Leaders Summit hosted by Macomb County for the Great Lakes and St. Lawrence Cities Initiative. The event brought together public officials, tribal leaders, entrepreneurs, business and non-profit leaders and environmental stakeholders from across the Great Lakes to explore community-based strategies to transform the Great Lakes economy, steward our freshwater resources and prepare for future challenges and opportunities.

Next, our Organizational Development Group once again led GLWA's participation in MiCareer Quest, which is the region's largest interactive career exploration event for high school students and exposes over 8,000 students to a wide range of career opportunities. This year, GLWA highlighted several of our highly rewarding careers, including Water Technician, Plant Technician, Chemist and Engineer. New elements to this year's GLWA presentation booth included a vector truck from the Water Transmission Team, as well as Wastewater Operations Chemists using microscopes and live samples to show the students microorganisms in untreated water. Well done to everyone involved!

Also, our Lake Huron Water Treatment Plant welcomed more than 60 Member Partners from across our service area for a tour, which was led by Plant Manager Christopher Steary and his team. In addition to the tour, Chris and his team shared information on the plant's history, its treatment techniques and technologies and their operational practices. The idea for the tour came from our Water Management Best Practices Workgroup.

Last, our Public Affairs Group and Wastewater Operations Area teamed up for the latest in our series of animated public education videos. The most current video, *Flush to Finish*, which uses easy to understand language and engaging images to tell the behind-the-scenes story of our complex wastewater treatment process and highlight all of the hard work the men and women of the Water Resource Recovery Facility do to help protect human health and the environment. It's another great watch, which you can view by clicking [HERE](#).

As 2025 draws to a close, I want to take a moment to reflect on not just this last year, but also our first decade of operations. It's hard to believe that January 1, 2026, will mark our 10-year operating anniversary. We've accomplished so much and the success we've achieved is thanks to everyone's efforts – from our Board of Directors to our Team Members to our Member Partners, and everyone else in between.

I'm truly excited about what the future holds, and I look forward to what we can achieve in our next 10 years!

As I do each holiday season, I've captured my holiday greetings in two videos, one for our Team Members, and another for our [Member Partners](#).

Wishing everyone a holiday season filled with peace, joy and time with those who matter most.

PLANNING SERVICES (continued)

Capital Improvement Planning (CIP)

On November 13th, GLWA's CIP Director, Dr. Dima El-Gamal, presented the FY 2027-2031 CIP Discussion Draft 1 summary to Member Partners during the combined Charges Rollout 1 and 2 meeting. The presentation was well received by attendees. The CIP Group extends heartfelt gratitude to GLWA leadership, CIP Delivery Teams, and all partners for their support and collaboration in advancing the CIP toward completion and publication.

Throughout November, the CIP Group refined and enhanced the FY 2027-2031 CIP Discussion Draft 2. The primary focus was on integrating internal feedback and comments to improve the document's accuracy and comprehensiveness. The comment period concluded on November 7, 2025, yielding feedback from two stakeholders (Sally Petrella with Friends of The Rouge and Timothy Hawkins with the City of Dearborn). The CIP Group appreciates the feedback from GLWA stakeholders and is diligently working on addressing the comments received. Project updates related to schedules and budgets, reflecting actual financial data as of September 30th, 2025, and current information as of October 24th, 2025, have been incorporated into Discussion Draft 2.

Furthermore, the CIP Controls Team made significant progress in reviewing and providing feedback on project schedules submitted by project managers. In 2025, the CIP Group reviewed 24 water project schedules for 10 contracts and 116 wastewater project schedules for 18 contracts. Overall, from the beginning of this initiative, the CIP Group reviewed 60 water schedules for 14 contracts and 240 wastewater schedules for 21 contracts.

The CIP Group also celebrated the winners of the Fourth Annual CIP Plan Project Photo Contest. This year's submissions highlighted the team's remarkable work and creativity, and two photos were selected as this year's winning photos. Mark Blossfeld submitted an exceptional photo of the Reservoir Inspection Phase II project, and Greg Marker displayed a striking photo of the Rehabilitation of GLWA Sewers; Ashland Relief, Linwood, Lonyo, Second Avenue, and Shiawassee project. These photos will be featured on the cover of the FY 2027-2031 CIP Discussion Draft 2. Congratulations, Mark and Greg, and thank you for your outstanding contributions!



CIP Project #170802 – Reservoir Inspection, Design, and Construction Management Services Phase II - Winning photo by Mark Blossfeld



CIP Project #250210 – Rehabilitation of GLWA Sewers, Ashland Relief, Linwood, Lonyo, Second Avenue, and Shiawassee – Winning photo by Greg Marker

PLANNING SERVICES (continued)

Throughout November, the CIP Group collaborated with the Information Technology Group, Engineering, Finance, and the Kahua team to focus heavily on the project management information system integration. Concentrated focus was given to mitigating risks related to meeting the “go live” schedule through exploring and implementing additional data migration resources and expanding stakeholder engagement during a multi-day on-site visit with the Kahua team. Additionally, in November, data migration progressed incrementally, and projects, contracts, and Board-approved budget datasets are ready for system testing.

Lastly, the Program Assurances Team updated risk and project interdependency datasets and started transforming the risk dashboard into a Power BI dashboard. This allows for schedule and cost risk reporting at the project and contract/activity level for the water and wastewater portfolios. The assurances team also played a critical role in assisting the program controls team with quality control and assurance for Draft 2 of the CIP document. The team worked on consolidating risk register information across the portfolio of projects.

Enterprise Asset Management Group (EAMG)

The Enterprise Asset Management Group (EAMG) has been working closely with the Water Works Park Water Treatment Plant operations and maintenance teams to conduct risk assessments and validate preventive maintenance activities in NEXGEN, GLWA's asset management system. Using a risk-based approach, this ongoing effort audits the facilities' asset inventory to ensure that appropriate preventive maintenance tasks are in place to manage the likelihood of failure, and that the necessary spare parts are available to restore service in the event of an equipment outage.

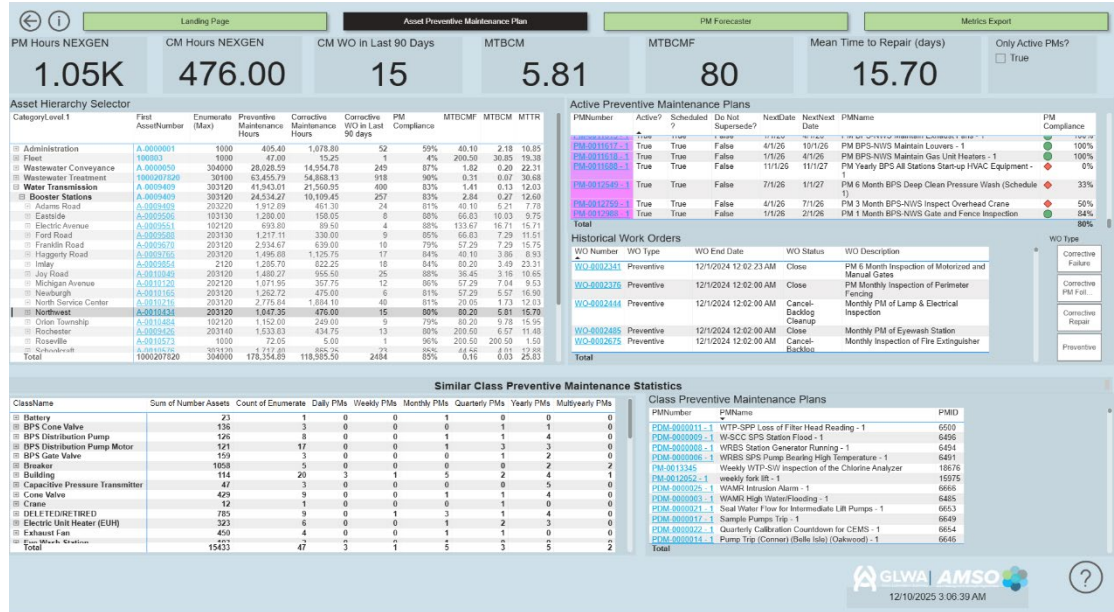


EAMG and Water Works Park team members conducting a risk assessment/preventive maintenance validation workshop

To date, the team has conducted eight workshops and identified approximately 250 preventive maintenance action items.

To support these risk assessments and preventive maintenance optimization activities, the EAMG has developed a Maintenance & Reliability Dashboard. This dashboard consolidates preventive maintenance and failure data, enabling rapid prioritization and identification of improvement opportunities. It also provides forecasting of preventive maintenance activities, helping to optimize and level-load maintenance schedules and anticipate future maintenance expenditures.

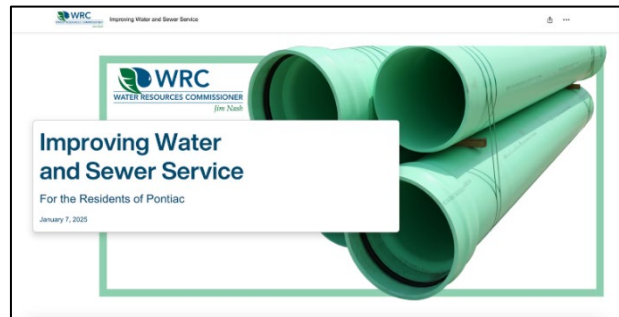
PLANNING SERVICES (continued)



GLWA's newly developed Maintenance & Reliability Dashboard

Member Services Group

The November 6th *Communications & Education Work Group* at TechTown-Detroit opened with a presentation from Trisha Bruzek of the Oakland County Water Resources Commissioner's Office (OCWRC) about their use of interactive story maps for public education. She highlighted how story maps like the one that OCWRC recently created for the [City of Pontiac](#) are effective tools for explaining various elements of complex projects. This was followed by roundtable discussions on billing software, the Michigan Department of Health and Human Services ([MDHHS](#)) [pilot Faucet and Filter Safety Net Program](#), and Emergency Operation Center requirements to coordinate with Michigan State Police Emergency Management for state and federal disaster resources. The meeting ended with a planning session to identify key topics for the 2026 series of meetings, including affordability, infrastructure costs, and boil water advisories. The next Communications & Education work group meeting is February 25, 2026.



The cover image of OCWRC's interactive story map

PLANNING SERVICES (continued)

The *One Water Co-Chairs* met on November 7th and discussed the 2026 Water Contract Reopener preparation with an emphasis on data readiness. They also discussed GLWA's evolving strategy for its aging transmission system, including updates on major 2025 main breaks and the need for increased funding for transmission main renewal. The next Co-Chair meeting will be held on February 6, 2025.

The *Water Management Best Practices* (WMBP) work group held a hybrid meeting on November 12th in Allen Park. The meeting began with a discussion on preparing for the 2026 Water Contract Reopeners, including the use of the Wholesale Automated Meter Reading Portal (WAMR) to review outlier water usage and upload documentation of main breaks or fires that used significant volumes of water. GLWA encourages Members to use available training resources, including a [WAMR overview video](#) and a [printable step-by-step guide](#). Next, the group discussed best practices for maintaining and testing emergency connections between communities to ensure preparedness in emergencies. The final agenda item was to discuss the work group's desired topics and goals for 2026. The next WMBP work group meeting is scheduled for January 14, 2026.



CIP project highlighted at the Charges Rollout 1 and 2 meeting of a utility bridge constructed at the Springwells Water Treatment Plant providing access to electrical systems that feed pumping operations

The combined *Charges Rollout 1 and 2 meeting* that took place on November 13th included a presentation of Discussion Draft 1 of GLWA's \$2.3 billion FY 2027-2031 Capital Improvement Plan (CIP) and a review of the methodologies for calculating Water and Wastewater System Units of Service. It was noted that declining commodity sales will put upward pressure on the FY 2027 charge adjustment. The next meeting in the Charges Rollout Series will be Charges Rollout #3, Proposed FY 2027 Revenue Requirement and Service Charges, which will take place virtually on January 13, 2026.



CIP project highlighted at the Charges Rollout 1 and 2 meeting of a view of the existing filter beds at the Northeast Water Treatment Plant that will be replaced as party of CIP Project #112008

On November 20th, the *HR Roundtable's* employer-led collaborative, the Michigan Water Exchange, convened virtually to review educational partner offerings, focusing on maintenance technician curriculum and water programs to meet the sector's high talent demand.

PLANNING SERVICES (continued)

Members were able to glean information from representatives of Oakland Community College, Macomb Community College, Henry Ford Community College, and Jackson College. Members were also provided with information from the Michigan Department of Environment, Great Lakes, and Energy on the Wastewater Certification Program and related resources. Additionally, Sara Steward from GLWA's Organizational Development team provided an overview of the [GLWA One Water Institute](#) and resources available to Member Partners. The next HR Roundtable meeting date is to be determined.

Water Analytics, Planning & Metering (WAPM)

The WAPM Group continues to advance its wholesale water meter pit rehabilitation and meter replacement program. This initiative includes construction work at 67-meter pits with metering and/or meter vault condition concerns, with a targeted completion by October 2028. In the past month, coordination meetings were held with the City of Gibraltar, Northville Township, and Southeastern Oakland County Water Authority. To date, upgrades have been successfully completed at 13-meter pit locations.

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 November with the exceptions below.

Due to a failure of the sampler tubing, the composite sample from the Zug outfall (monitoring point 049F) for November 19, 2025 was not valid. This will result in four non-reported violations, including Carbonaceous Biological Oxygen Demand (CBOD), CBOD Loading, Ammonia-Nitrogen, and Ammonia-Nitrogen loading.

Reliability and Maintenance Engineering

In November, the Reliability Team for the Reliability and Maintenance Engineering (RME) Group led several impactful initiatives to support operational excellence and cross-departmental collaboration. This included partnering with the Transformation Team on a Dewatering 5S Project and working with Procurement to develop a requisition flow chart for contract requisitions. A budget calculator was introduced to help each area monitor spending, and Team Planners received assistance with spare part sourcing. A major focus was availability tracking, with the development of intermediate lift pump and belt filter press dashboards that are designed to monitor trends and identify improvement areas. The team also conducted multiple root cause analyses (RCA) on a hypochlorite tank failure and on the ferric line distribution line failure, which identified opportunities for standard operating procedure improvements, new inspections, and redesign of systems to prevent future failures.

WASTEWATER OPERATING SERVICES (continued)

The team improved data and information in NexGen, including asset data, estimated hours, and adjusting checklists for preventive maintenance work to increase efficiency and effectiveness.

Additionally, the team coordinated ultrasonic testing for the waste activated sludge line to identify the remaining useful pipe service life and avoid unnecessary, costly replacements. As a result of the findings of the ferric line failure RCA, the couplings and clamps used in the ferric carry hose were modified and upgraded to provide greater reliability of the system. Initially, each 100-foot section of hose was connected utilizing a camlock-style coupling and the hoses were clamped with nylon hose clamps. The nylon hose clamps were brittle, causing the clamps to break and the ferric to leak from the hose connection to the coupling. Additionally, a few of the camlock couplings were identified to be damaged by the ferric and were not maintaining a seal. The RME Team decided it was prudent to replace all the camlock couplings with double-sided barbed fittings made from polyvinyl chloride (PVC). The nylon hose clamps were also replaced with titanium worm-gear style hose clamps. Both PVC and titanium are materials that are highly resistant to ferric and should provide much more reliability while operating the ferric system.

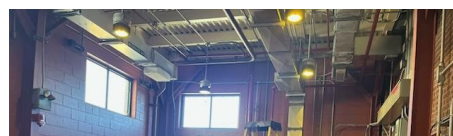


The old camlock coupling with the nylon hose clamps



The new barbed PVC coupling and titanium worm-gear hose clamps

The Primary Team completed a lighting project to replace the existing incandescent lighting with light emitting diode lighting in the Pump Station No. 1 (PS1) Rack and Grit North Offload Building. This new lighting greatly improves the visibility, especially at night, improving the safety condition and working environment for the Team Members at the building. These ongoing efforts by the Primary Team to upgrade the lighting are a great example of the RME Team's commitment to safety and to improving the workspace for all Team Members.



Old incandescent lighting in the building



Newly installed LED lighting

Laboratory

Congratulations to *Robert Stinolis* for his promotion to Laboratory Leader. In his new role, Rob will apply his extensive experience to advance the analytical program. He is establishing additional analyses in the laboratory and training chemists on various analytical methods. Additional goals include formalizing and expanding Quality Assurance and Quality Control processes and implementing National Environmental Laboratories Accreditation Conference standards to improve laboratory operations.

WASTEWATER OPERATING SERVICES (continued)



Chemists Dan Agnew (left) and Kevin Bracco (right) at MiCareer Quest

the past few years, WRRF Laboratory chemists have demonstrated a pH-based color change experiment at this career fair, which has been great for engaging the students. This year they were also able to add a new demonstration allowing students to use microscopes to look for and identify organisms like tardigrades (water bears) and rotifers (wheel animals). The event had over 9,000 students in attendance this year.

WRRF Laboratory Chemists participated in the MiCareer Quest Career Fair. Chemists *Hainite Tuitupou*, *Dan Agnew* and *Kevin Bracco* engaged students in several hands-on demonstrations about wastewater and the importance and opportunity for careers in the water sector. Two GLWA interns, *Alexandra Kochanek* and *Angela Lee*, who are currently in school, were able to share their experiences with students as well. For



GLWA Intern Alexandra Kochanek (left) and Chemist Hainite Tuitupou

The WRRF Laboratory participated in the Lab Practices Seminar in Lansing. Chemist ***Hainite Tuitupou*** spoke about the “Collaborative Pilot Study for Enhanced Phosphorus Removal at GLWA WRRF”. Chemists ***Dan Agnew*** and ***Justin Dzioba*** presented the “Establishment and Implementation of a Wastewater Microbiology Program”.



Chemists Hainite Tuitupou (left) and Dan Agnew with Justin Dzioba (right) presenting GLWA's work on Phosphorus removal and Microbial Monitoring



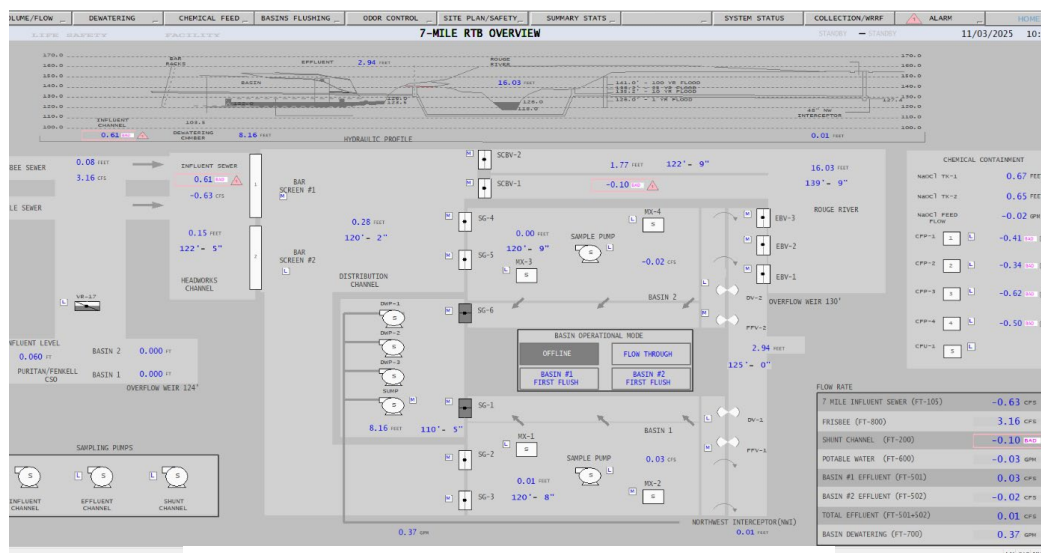
*WRRF Lab team at the Michigan Water Environment Association/American Water Works Association Lab Practices Seminar
Left to right: Dani Cummins, Justin Dzioba, Tosin Olojo, Hainite Tuitupou, Joe Messina, Lynda Kostrzewski, Dan Agnew, Elliott Boinais and Robert Stinolis*

WASTEWATER OPERATING SERVICES (continued)

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

The Operation Technology and Process Automation & Control System Team (PACS) conducted startup and site acceptance testing at the Seven Mile Combined Sewer Overflow (CSO) Facility. As part of CON-2004538, the Seven Mile Facility has received a new distributed control system (DCS) and associated equipment. This includes new operator graphics and process control logic along with a new workstation and database server. A new network rack housing routers and switches was also installed on site. The site also received two new motor control centers, a new controls cabinet with new redundant logic controllers and two remote input/output cabinets.

The PACs team worked closely with CSO Operations and Maintenance to step through and test all aspects of the facility's new DCS system. This included verification of all field signals into and out of the DCS, alarm and fault verification, and testing of all operator control interfaces (start/stop/open/close commands). The team also tested new sequence control logic, including basin flushing controls and facility capture and flowthrough controls.



New High Performance Graphics Home Page for Seven Mile

Industrial Waste Control (IWC)

Technical discussions for Melvindale are ongoing, and a revised agreement was exchanged. Comments from Marathon are anticipated.

The Norfolk Southern Railroad submitted a stormwater permit application which is under review and IWC has a goal to issue a draft before the end of 2025.

Evans Distribution Systems has been requested to submit a stormwater permit application and stormwater management plan, and a meeting was requested by Evans to discuss their requirements.

WASTEWATER OPERATING SERVICES (continued)

Two users contributing stormwater to the Melvindale Storm Drain have been identified. Thus, notices are being prepared requiring completion of a Stormwater Discharge Permit Application and Stormwater Management Plan.

Engineering and Construction

Wastewater Projects in Design or Misc.

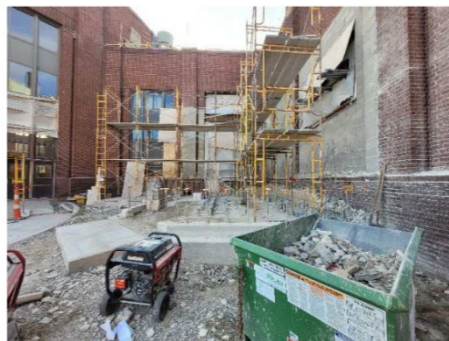
Wastewater Projects in Construction

CIP Construction

CIP 211006, Contract 2103350 – Pump Station No.1 (PS1) Improvements (WRRF)

The Contractor successfully completed the north wet well work, including the leak testing of the newly installed inlet slide gates and intends to commence work on the south wet well once the revised equipment shutdown request is submitted and approved. Key milestone dates are delayed in the latest schedule update; accordingly, a letter was issued to the Contractor on November 25, 2025, requesting either a schedule recovery plan or a time extension supported by appropriate documentation.

GLWA prepared Change Order No. 4. This change order, at no additional cost and time, reassigns certain tasks originally required under milestone No. 1 to be completed during ongoing work prior to the



Demolition of EB No. 37



Conduits installation in the Monitoring Room

start of Pump Rehabilitation and before the Substantial Completion Date. Additionally, Electrical Building No. 37 has been demolished, and the project team is awaiting the Contractor's corrective reconstruction submittal for review and approval.

CIP 211007, Contract No. 1904337/SCN-0000409 and 2300154/SCN-0000518 – Pump Station No. 2 (PS2) Bar Rack & Grit System Improvements

This project upgrades the bar screens to finer screens and installs an improved grit processing system at PS2 at the WRRF.

Commercial Contracting Corporation successfully completed the installation of the grit effluent channel bulkhead and the 20" low-pressure air bypass. New Screened Final Effluent (SFE) and secondary water lines were installed and will be tied in.

WASTEWATER OPERATING SERVICES (continued)

Demolition is complete for the screen influent gates, bar rack screens, and low-pressure air diffusers in grit channels Nos. 15 and 16. Demolition of the concrete wall between grit channels Nos. 15 and 16 will begin and is expected to take 12 weeks to complete.



20" Low-pressure Air Bypass



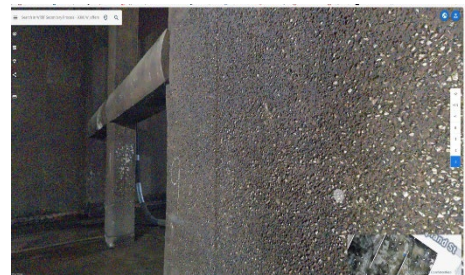
Effluent Channel Bulkhead Installation

CIP 211011, Contract No. 2201762 – Pump Station No. 1 Rack and Grit HVAC System Upgrade

A proposed Change Order No. 2 will be processed for the December Board of Directors approval soon to extend the contract time solely for completing the administrative portion of the project and the Contractor is working on close-out documents.

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, but due to the additional scope items requested by GLWA and items the Design Build Team discovered during the condition assessment, the design time has been extended for three months. This change is an interim milestone change and is not a change in the final completion date of the overall project. Part No. 41 permit for the early construction package for the meter chamber work is issued by the Michigan Department of Environmental, Great Lakes, and Energy (EGLE) and the work is scheduled to start in January 2026 and be completed in May 2026. During the condition assessment phase, the design build team found that the Aeration Deck No. 2 walls have severe concrete degradation that was not planned to be addressed as part of the project. GLWA received pricing from the Design Build Team for this additional work which is currently under review.



Typical wall degradation in Aeration Deck 2

CIP 216006, Contract 1903601 and 1903598 – Assessment and Rehabilitation of WRRF Yard Piping and Underground Utilities (WRRF)

The 12-inch watermain from the machine shop to meter pit A is installed and connected everywhere except meter pit A.

WASTEWATER OPERATING SERVICES (continued)

This project will reach substantial completion this month. The SFE large diameter gate valve assessment program has one shutdown left to perform this month. The common trench from the east end of the rectangular Clarifier gallery into PS1 has installed all the pipe in the trench (five different utilities go in the same trench) and is testing to complete the installation this month. The project is on schedule to complete all work by the end of December.

CIP 216008, Contract No. 2000970/SCN-0000131 – SFE Pump Station Rehabilitation

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

In November, EGLE approved the combined state and federal documentation required for Clean Water State Revolving Fund (CWSRF) financing. The CWSRF program provides low-interest loans with partial principal forgiveness to support critical water infrastructure projects. In preparation for driving foundation piles, the contractor has remobilized construction equipment and installed vibration sensors.

CIP 216011, Contract No. 2100239 – WRRF Facilities Structural Improvements:

Contract work on aeration tanks Nos. 3 and 4 revealed that the roof decks were in significantly worse condition than anticipated. A structural assessment conducted by the Contractor determined that numerous precast concrete planks had critically failed. Following the observation of concrete falling from a beam in the WRRF employee parking structure, the Contractor performed a comprehensive evaluation of the entire facility. This assessment identified multiple structural and safety deficiencies requiring immediate repair to ensure safe operation and prevent further deterioration.

To address these issues, a proposed Change Order No. 2 will be presented for Board of Directors' approval in January. The change order includes an increase of \$3,100,000.00 to the provisional allowance and an extension of the contract duration by 365 calendar days to complete the necessary repairs.

CIP 222002, Contract DB-226 – Rehabilitation of the Detroit River Interceptor (DRI) from Alter Road to WRRF

At the most recent coordination meeting between the Design Build (DB)-226 and PS1 Improvements project teams, the PS1 team informed the DB-226 team that works within the PS1 lower wet well would extend to September 2026. DB-226 cannot access the downstream two thirds of the portion of DRI Reach 3C without bypass pumping at the PS1 lower wet well and is currently on hold. The original date to access Reach 3C was March 2025. It has since been delayed multiple times and is now expected to be accessible in September 2026, an 18-month delay.

WASTEWATER OPERATING SERVICES (Continued)

CIP 232002, Contract No. SCN-0000586 - Conner Creek Pump Station Storm Water Pump Replacements (CON)

The contractor has continued construction of the new entrance and access drive from Clairpointe Avenue. The contractor continued to work with utility relocation to prepare for the installation of the temporary earth retention system for the east and west Jefferson relief sewer isolation gates.

CIP 232005, Contract No. 2204605 - Freud Storm Pump Station Improvements (CON)

The contractor completed the majority of the 36" force main that will connect the Freud Sanitary Pump Station to the DRI for the purpose of handling dry weather flows. The contractor continued construction of the structure that will accommodate the connection of the 36" force main to the DRI. The contractor also continues to perform electrical work and upgrades within the existing Freud Storm Pump Station. The contractor has begun preparatory work to install the carbon fiber support wrap on the storm water pump's concrete support pedestals.

CIP 260207, Contract No. 2004082 – Rehabilitation of the Woodward Sewer

Negotiations continue with Pamar, Lanzo, Liberty Mutal, and GWLA with the goal of a tendered contract being provided by Liberty Mutal that will switch the terms and conditions of the Lanzo-GLWA contract to Pamar-GLWA for completion of the work. This contract will be presented to the Board of Directors for award when GLWA Engineering negotiates it and deems it ready for recommendation.

CIP 260701, Contract 2102859 – Conveyance System Infrastructure Improvements

Regulator improvements and backwater gate installation are complete at nearly all of the Detroit River and Rouge River outfall locations. Instrumentation and controls have been tested for acceptance at 38 of 55 sites. The project is behind schedule, and a change order will be before the Board of Directors in January to extend the final completion expected to June 2026.

CIP 260701, Contract 2201142 – Conveyance System Infrastructure Improvements (ISD): Sewer In-System Storage Devices and Valve Remotes (VR) Improvements

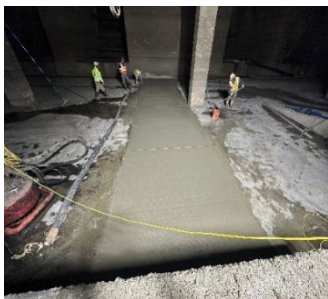
ISD equipment installation is complete. Improvements to VR gates are behind schedule due to supply issues but are now nearing completion. Restoration of VR sites is nearing completion. All ISD sites manhole modifications are complete. Engineer-directed repairs to inflatable dams have been completed, with a handful of punch list items remaining. Four of the ISD sites are experiencing difficulty maintaining pressure and are under further investigation. The project has been extended via change order, with final completion expected in February 2026.

WASTEWATER OPERATING SERVICES (Continued)

CIP 222001, Contract No. 2304897 – Northwest Interceptor (NWI) to Oakwood CSO Sewer (NOCOSOS)

The Pinch Valve key milestone time extension will be put in for approval in a future change order. The pinch valves are continuing to be installed. The pile installation for the launch and manhole (MH) shaft is complete with the secants at the Oakwood CSO starting next month. Oakwood CSO improvements to make the site ready to install the tunnel boring machine (TBM) retrieval shaft installation are ongoing. AT&T phone and fiber have been relocated and the watermain relocation and haul road installation is ongoing now. Gate reversal scheduled for next month. The TBM will be assembled at the end of the month commissioning in January to begin loading into the launch shaft by mid-February for a March 2026 launch.

CIP 260204, Contract No. 2103688 – Conner Creek Sewer Rehab



Center sump channel filled in with concrete to form flat area for future cleaning



The Conner Creek CSO forebay (upstream of the bar racks) improvements are complete. The grouting of the double and triple barrel has resumed and will continue till early spring. Improvements to the MHs in the city airport were added as the cost savings in the CSO forebay improvements at no additional cost to the total cost of the project. A change to the order and amendment of time will soon be completed while the substantial and final completion

dates to the current expected completion times to add the city airport MH improvements and some improvements to the Conner Connector underdrain system.

CIP 260903, Contract No. 2201744 – Front Entrance Rehab (CON)

Bi-weekly coordination meetings continue to be held with GLWA and contractors to coordinate project status and tasks. The masonry work is complete, and seat walls have been installed. The project signs on the brick wall have been relocated further down on the fence at Jefferson. The main canopy shop drawings should be finalized soon. The contractor is in the process of demobilizing from the job site in the next couple of weeks over the winter and will return to the site in the summer, closer to when the canopy delivery dates area is set.



Seat Wall Concrete Installed



Jefferson Signage Relocated to Fence

WASTEWATER OPERATING SERVICES (Continued)

CIP 260905, Contract No. 2203675 – WRRF Plumbing Shop Improvements

This project is in the close out phase, working towards a final completion by the end of December 2025. The final change order is being prepared to close out this contract.

CIP 270004, Contract SCN-0000697, Construction Services of Oakwood/Leib Improvements

This project provides chemical feed system upgrades at both Oakwood and Leib CSO Facilities along with screening upgrades at Leib and storm pump improvements at Oakwood. These improvements are required to accommodate future flows being diverted from the NWI to Oakwood and from the Meldrum Sewer to Leib. Project planning and key equipment submittals are in progress. The pre-construction meeting will be held in mid-December. Site mobilization is expected to begin early in 2026.

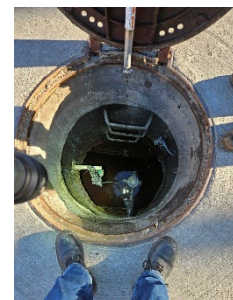
Combined Sewer Overflow (CSO) Control Program

CSO Operations, CSO Maintenance, CSO Conveyance

Conveyance

The team welcomes their newest Maintenance Technician, ***Alonzo Cleaves***. This expansion helps to bring fresh perspectives and skills to the team. Welcome to the team, ***Alonzo!***

The Conveyance Team joined Performance Contracting Inc. (PCI) and the Systems Control Center/Supervisory Control and Data Acquisition (SCADA) center to perform Site Acceptance Testing (SAT) and Factory Acceptance Testing (FAT) walkthroughs at level sensor sites. The SAT tests the calibration of inclinometers, proximity switches, and pressure and radar level sensors. Once the level sensors' calibration is confirmed within tolerances, then the communication to SCADA is confirmed. The FAT process consists of the team inspecting the allowable leakage at the newly installed slide gates at the outfalls. Additionally, the team performed SAT and FAT walkthroughs at In-System Storage Devices sites with the assistance of Applied Science, Inc. and Lakeshore Global Corporation. Once the team completed each walkthrough, over 60 level sensors were fully transitioned to the Conveyance Team, which shifted to full responsibility for maintaining and repairing the equipment to the Conveyance Team. This was the final piece of the transition of assets from Water Transmission to Wastewater Conveyance.



The new pressure sensor and radar sensor at Outfall B-17 following SAT testing

The team conducted preventative maintenance with PCI on sixteen Ayyeka level sensor sites. Ayyeka sites are battery powered level sensors throughout the system that were installed because of the Level Sensor Program. This program was implemented to improve the Level Sensors across our system. Now all Ayyeka sites have been fully transitioned to the Conveyance Team.

WASTEWATER OPERATING SERVICES (Continued)

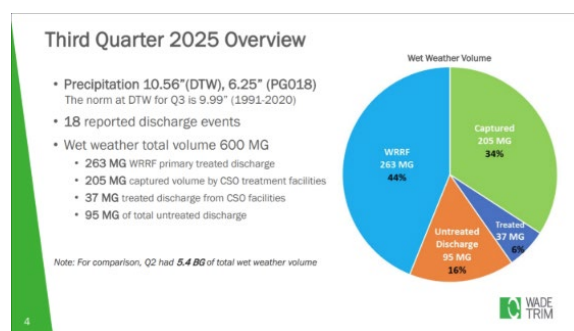
This preventative maintenance ensures that each site is working correctly and is updated with any software or hardware upgrades they may need. Completing preventative maintenance extends the lifetime of the equipment, saving time and funds in the long run.

As part of an ongoing capital improvement project to rehabilitate remote valves in the system, the Conveyance Team joined PCI and Lakeshore Global Corporation for VR-16 commissioning. This indicates that the Conveyance team was present to watch the performance and functionality of the VR-16 gate to ensure it's up to our standards. Now that the total rehabilitation is complete, the commission is also complete.

Combined Sewer Overflow

The CSO team welcomes new team member, *Mark DaSacco*. He will be joining the team as the newest Maintenance Technician where he will perform repairs and required routine preventative and predictive maintenance on essential equipment. Welcome to the team, *Mark!*

The CSO Team held a meeting to review sections one and two of the Consolidated Annual Report (CAR). The CAR is a summary of operations data for the current year that provides Leadership Team Members with the opportunity to review what is functioning properly and what could be a potential issue in the system. This meeting consisted of a review period with the vendor to track progress of the report. Updates on capital improvements and other tasks related to Wastewater Operations were also provided. Overall, the report will provide a high-quality review of the conveyance system and its facilities at the end of the year.



The Wet Weather Volume Overview for Q3

The CSO Team attended the Quarter three CSO Discharge Data Quality Assurance/Quality Control (QA/QC) Meeting. This quarterly meeting includes discussions for leadership regarding discharge events, reported treated discharge by facility, and discharge monitoring SCADA maintenance/calibration. The meetings have proved to aid in communicating and interpreting large amounts of data to Conveyance Leadership Team Members. For

example, by using precipitation gauges and facility data, the team could see that there was a total wet weather volume of 600 million gallons in the system during quarter three.

WASTEWATER OPERATING SERVICES (Continued)

The CSO Team held the kick-off meeting for the Pilot Netting Project for outfalls. This project will add nets to outfalls that would catch any physical debris before it enters the Detroit River. During the meeting, the background of the project and why it would be beneficial, the objectives and major tasks for the project, and preliminary netting and disinfection systems concepts and considerations were discussed. The discussion coordination with other projects and additional project management tasks like the work plan and scheduling.

The CSO team held the kick-off meeting for the Oakwood and Leib CSO Improvements Project. At this meeting, Leadership Team Members reviewed submittals, contract drawings, QA/QC, and any potential issues. The project is progressing well.

WATER OPERATIONS AND FIELD SERVICES

Lake Huron Water Treatment Plant

Member Partner Tour

The Lake Huron Water Treatment Plant welcomed more than 60 Member Partners from across GLWA's service area for an on-site meeting and facility tour. Attendees participated in guided tours led by knowledgeable plant staff, who walked them through key operational areas, explained critical treatment processes, and answered questions to deepen their understanding of the plant's role within the regional water system.

The visit also included an informative presentation and a luncheon, providing an opportunity to learn about the plant's history, treatment technologies, and operational practices in a collaborative and engaging environment. The event fostered valuable connection, transparency, and partnership between GLWA and its Member Partner communities.



Plant Manager Christopher Steary speaking to Member Partners

WATER OPERATIONS AND FIELD SERVICES (continued)

Chlorine Feed at Lake Huron Water Treatment Plant

Lake Huron was operating as normal when they suddenly lost chlorine feed. The maintenance team immediately sprang into action and found a vacuum check unit not feeding. With a spare unit on hand, Electrician David Jahn unwired, and Maintenance Technicians Terry Helmold, Jacob Falter, Jamen Burgess, and Jason Anson reoved the vacuum regulator check unit an installed the spare unit. It was rewired and found the motorized actuator had failed. The actuator was replaced with a new one and tested. The Operations Team was happy to have a backup evaporator again.



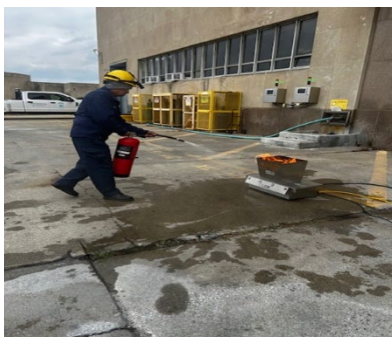
Electrician David Jahn troubleshooting the evaporator

Northeast Water Treatment Plant

Fire Extinguisher Training

The Northeast Water Treatment Plant team participated in a hands-on fire extinguisher training session led by Training & Development Professional Darius McQueen. The session provided staff with an opportunity to practice real-world fire safety techniques in a controlled environment. During the training, each team member learned how to safely start a small training fire, reviewed the importance of proper fire response procedures, and practiced extinguishing a fire using the P.A.S.S. Method - Pull, Aim, Squeeze, and Sweep. Participants then applied their knowledge directly by extinguishing their own practice fire under supervision.

The training proved to be both informative and engaging, offering valuable experience that enhances safety awareness and preparedness throughout the plant. The session was well received, with staff noting it as a meaningful and beneficial learning opportunity.



Fire extinguisher training at Northeast Water Treatment Plant

WATER OPERATIONS AND FIELD SERVICES (continued)

Water Maintenance

Every area within Water Operations has a dedicated maintenance team that plays a vital role in sustaining our ability to operate effectively. We want to recognize the essential, daily work performed across our system – work that ensures we continue delivering water of unquestionable quality. This commitment is central to achieving our shared goal of maintaining a reliable and resilient water system.

Air Compressor Preventative Maintenance at Lake Huron Water Treatment Plant

Maintenance Technician Christopher Chaskey performed monthly preventative maintenance on the air compressors which are responsible for providing compressed air to the pneumatic system, allowing valves to operate normally in processes such as filtration. Preventative maintenance ensures these processes experience minimal downtime.

Rapid Mixer Repair at Northeast Water Treatment Plant

Electrician Calvin Davis III and Maintenance Technicians Nicholas Karsiotis, Daniel Hubbard, and James Coleman moved the motor from Rapid Mixer No. 4 to Rapid Mixer No. 3. The mixer for Rapid Mixer No. 4 is out for repair. During that time, the motor on Rapid Mixer No. 3 failed. Moving the functioning motor from No. 4 to the functioning mixer for No. 3 will allow Northeast to continue the mixing process in Mixing Chamber No. 2 without interruption.

Southwest Water Treatment Plant

Electrical Instrumentation Control Technician Robert Oliver Jr. and Electrical Instrumentation Control Technician Apprentice Stephen Barber performed the annual preventative maintenance for the vacuum breakers for the low lift pumps. The vacuum breakers are needed to interrupt the suction created when the pumps run, so that the discharge valves can close. The preventative maintenance process requires Robert and Stephen to disassemble the vacuum breakers to replace the diaphragms inside.



Robert Oliver Jr. disassembling a vacuum breaker

WATER OPERATIONS AND FIELD SERVICES (continued)

Springwells Water Treatment Plant

Maintenance Team Leader Karone Law worked closely with the Operations Team to ensure there was a method to supply compressed air to the pneumatic system at Springwells. To achieve this, a temporary air hose was connected to the pneumatic system which could be attached to the portable air compressor borrowed from Southwest if needed. This alternative means was needed due to repair work needed for three of the four air compressor units. The repair work is in progress, and the alternative means will remain in place until completion.



Temporary air hose connected to pneumatic system

High Lift Pump Alignment Test at Water Works Park Water Treatment Plant

Maintenance Technician Anthony Davis assisted the Water Works Park team with performing an alignment test on High Lift Pump No. 7. This unit has been experiencing overheating on the thrust bearing of the pump. The test performed indicated an alignment issue with the motor. These findings give the team the information needed to correct the overheating condition and restore reliability to High Lift Pump No. 7.



Alignment tool indicating motor adjustment needed

Water Transmission

Current Emergencies and/or Urgent Items

The 42-inch transmission main broke on West 14 Mile Road at Kingswood Boulevard on September 25, 2025. The emergency contractor Lake Shore Global has completed all work associated with the break, new valves and appurtenances along with full restoration of the roadway. Maintenance and Repair teams continue to monitor the isolated section of 42-inch water main and its appurtenances. GLWA has reviewed all inspection data and has started the process of moving forward with the direct replacement of approximately 5,600 lineal feet of the 1973 42-inch prestressed concrete cylinder pipe.

WATER OPERATIONS AND FIELD SERVICES (continued)



Saw cutting and jack hammering pavement to successfully locate buried access hatch and air release valve on 14 Mile Road

Maintenance & Repair Team

1. Assisted contractor with excavating sunken pavement at the intersection of Webb Street and Third Street in the City of Detroit. It was determined that the sunken pavement was a result of a City of Detroit catch basin pipe.
 2. Monitored and collected water sample locations in Washington and Shelby Township, for the completed installation of a new 16-inch gate valve.
- Continued to winterize fire hydrants at numerous GLWA facilities, including the Water Resource Recovery Facility, CSO facilities, and booster stations.
3. Numerous Maintenance & Repair team members applied for and have taken the State of Michigan Waterworks System Operator exam that was given on Wednesday November 5, 2025. Team members received training from GLWA's Water Quality Senior Team Leader Yvette Hayes-Johnson to help prepare for the test.
 4. Isolated a 24-inch water transmission main on East Grand Boulevard for a City of Detroit water main project.
 5. Investigated possible leak near the Adams Road Pumping
 6. Completed a trial isolation of Huron Township Meter (HN-01).
 7. Investigated a possible leak on the 24-inch water main on 14 Mile Road in the City of Walled Lake. It was determined that this leak was on a City of Walled Lake water main.
 8. Successfully located an air release valve and access hatch that was paved over on 14 Mile Road in Clinton Township as part of a Macomb County Road Commission resurfacing project.

WATER OPERATIONS AND FIELD SERVICES (continued)



Excavating and investigating sunken pavement at Third Street and Webb Street in the City of Detroit

Mechanical Maintenance

The Mechanical Maintenance crews worked on monthly, quarterly, semi-annual, and annual preventative maintenance and corrective maintenance throughout the system.

1. The crews worked on the following corrective maintenance projects:
2. Adams Road Station – Assessment of drain lines associated with Reservoir Cone Valve No. 1.
3. Adams Road Station – Rebuilding of Line No. 4 control valve.
4. Dorsey and Dickenson – Meet contractors on site for vault assessments.
5. Eastside Station – Repair of the pump floors sump pump line.
6. Ford Road Station - Repair of Line pump No. 2 leaking cooling water line.
7. North Service Center – Replacement of process valves on both sides of Line No. 9's control valve.
8. Northwest Station – Assessment of the reservoir isolation valves and the reservoir fill valve.

Schoolcraft Station – Assessment of the reservoir isolation valves and the reservoir fill valve.

9. Schoolcraft Station – Testing and release of Reservoir Pump No. 2.
10. Wick Station – Assessment of the reservoir isolation valves and the reservoir fill valve.

WATER OPERATIONS AND FIELD SERVICES (continued)

The crew completed preventative maintenance at the following booster stations:

Booster Stations: Adams, Eastside, Electric, Ford Road, Franklin, Haggerty, Imlay, Joy Road, Michigan, Newburgh, North Service Center, Northwest, Orion, Rochester, Schoolcraft, West Chicago, West Service Center, Wick, and Ypsilanti.



Haggerty Station deep clean, Peggy Kellie



Rochester Station, control valve assessment

Electrical Instrumentation Control Technician

Our Electrical Instrumentation Control Technicians completed their preventive maintenance, corrective maintenance, emergency repairs, and supported our contractors in completing their maintenance.

The crews worked on the following troubleshooting projects:

Adams: Reservoir No. 2 motor has been having an issue with the valve not opening after the motor starts. A team has been working on going through the valve circuit to see why the valve operator solenoid to open it is not getting energized. They have isolated it to a couple of components and will be doing more investigating to verify and repair.

1. North Service Center: Line No. 9 motor is having an issue with the valve not opening on startup. After going through all of our troubleshooting steps, it was found that the water lines from a pressure switch may be clogged, not allowing water to enter the valve cylinder to open it. We turned this over to instrumentation for repair.

Schoolcraft: Assisted the generator contractor in investigating issues with the generator not syncing, causing the generators to shut down. The service technician believes the issue could be caused due to clogged fuel filters. We have them scheduled next week to do the annual preventative in which the filters will be replaced. We will test and see if the problem still persists after the completion of this.

WATER OPERATIONS AND FIELD SERVICES (continued)

2. West Service Center: A crew was sent out to look at Line 3 motor to see why it would not operate. They found that the close limit on the valve was corroded at the contacts. They replaced the switch with a new one and were able to successfully test the motor.

The crews worked on the following corrective project:

Franklin: A crew worked on fabricating and building a combination starter disconnect for the temporary sump pump that is being used to keep the reservoir dewatered for repair purposes. After building the starter, they took it to the station, installed and tested for operation.

The crews completed preventative maintenance at the following booster and collection stations:

Booster Stations: Ford, North Service Center, Joy, Imlay, West Service Center, Rochester, Central Service Facility, Newburgh, Electric and Schoolcraft



Bad limit switch found on a valve at West Service Center and replaced it with a new one

Utility Review and Permits

Our inspectors in our Utility Review and Permits team have been working diligently to ensure that our utilities are marked to avoid damage to our infrastructure by the placement of other utilities. Our engineers oversee the plan reviews that include drawings and information about the placement of proposed utilities, such as fiber optics, electrical, gas, etc. After reviewing this information, they will then determine if there are any potential conflicts with GLWA's existing infrastructure.

Plan Reviews:

- Total number of plan reviews received: 16
- Number of reviews completed: 13
- Number of reviews in progress: 21
- Coordination, or requested revisions: 5

WATER OPERATIONS AND FIELD SERVICES (continued)

Our Utility and Permits Inspectors are responsible for marking the location of each facility with paint, stakes, flags, or other customary methods using the uniform color code of the American National Standards Institute, blue for potable water and green for sewer lines. Below are the MISS DIG tickets received and completed in the week of October 31, 2025.

MISS DIG Design Tickets:

- Total number of tickets received: 28
- Tickets completed: 7
- Tickets in progress: 21

MISS DIG Locate Tickets:

- Total number of tickets received: 773
- Tickets completed: 759
- Tickets in progress: 14



Inspector Tammie Dubose marking GLWA's 16-inch sewer main at Manistique Street, Detroit



Inspector Dwayne Pittman marking GLWA's 36-inch water main at 2217 Springwell Street, Detroit



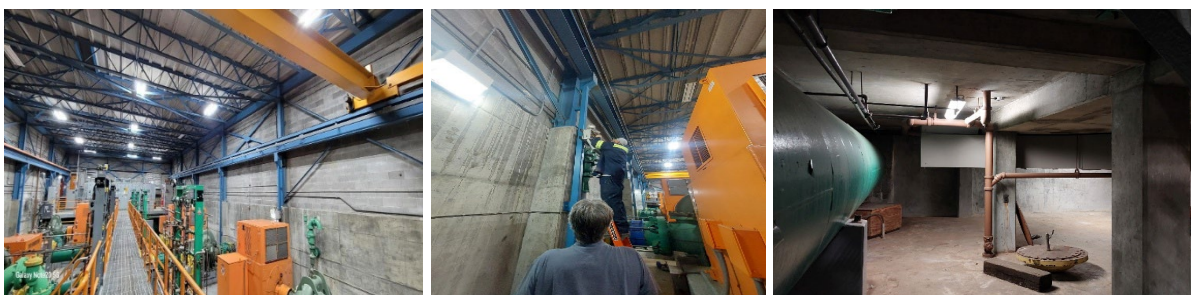
Inspector Troy Davenport marking GLWA's 54-inch water main at 16153 Garfield Street, Detroit

WATER OPERATIONS AND FIELD SERVICES (continued)

Facility Operations

Franklin Station

Facilities electrician completed the installation of general safety and emergency lighting at Franklin Station. It took a while for our small crew, but the transformation is incredible. We replaced exit and emergency lighting. Overall lighting was replaced, which resulted in improved footcandle performance and energy-efficient LED lamps. The previously dimly-lit facility is now showcasing our equipment and allowing our maintenance team to better see the issues.



Lighting replacement, Facility Operations team members Thomas Medici and Jose Nunez pictured

Research, Innovation & Transformation

Research – Water Quality Technology Conference

John Norton and Andrew Marcus attended 2025 Water Quality Technology Conference in Tacoma, WA. During an all-day workshop, Andrew Marcus co-facilitated a workshop titled “From Data Management to Data Analysis – A Technical Deep-Dive.” Andrew gave a 30-minute presentation in the morning titled: “Lessons Learned from Applying Machine Learning Techniques for Research in a Utility.” In the afternoon, Andrew facilitated two tutorials on data analysis for environmental data.

On the following day, Andrew served on the committee for Information Management Technology and Research (IMTR) for American Water Works Association. The IMTR group will be meeting monthly in the future to discuss the development of a community resource.

Research – Continuing Support of Our Partner Research Institutions

The Research team is continuing to support our partner research institutions. We are collecting thickened waste activated sludge and thickened primary sludge for Professor George Nakhla’s team in Western Ontario for running anaerobic digesters, which will provide valuable characteristics about the biodegradability and methane formation potential of our sludge at our WRRF.

WATER OPERATIONS AND FIELD SERVICES (continued)

These tests will help us design better anaerobic digestors in the future. We are also coordinating with GLWA's maintenance team to set up a structure to house our disinfection pilot study, which is being funded by the Water Resource Foundation.

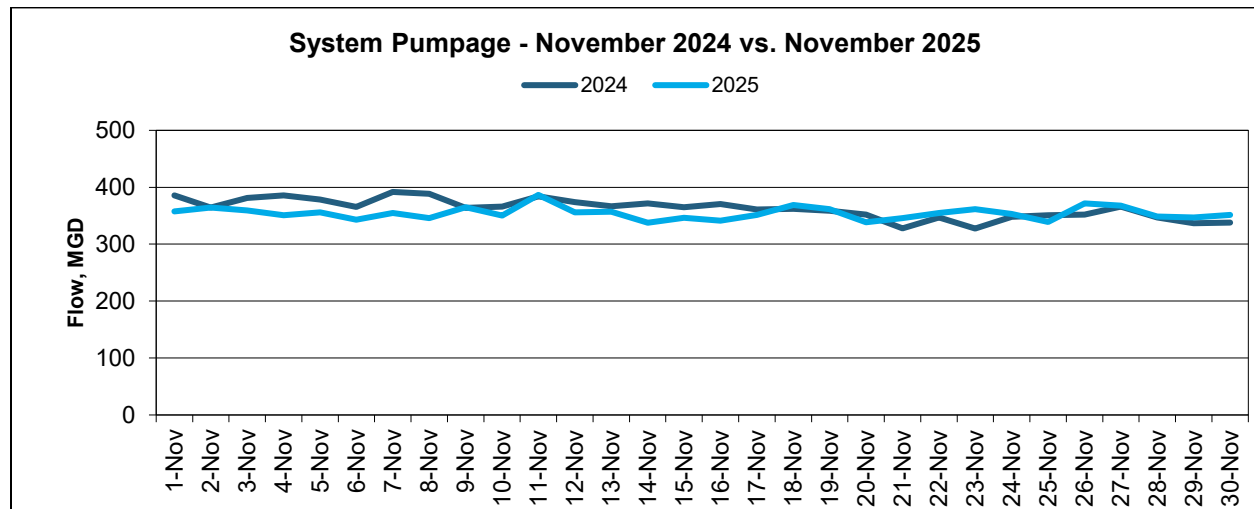
Research Manager, Dienne Tolofari, presented at the Wayne State University graduate seminar organized by the University's Department of Civil and Environmental Engineering. Dr. Tolofari's talk was entitled: "Optimizing treatment strategies to increased total organic carbon in the Detroit River source water". The presentation discussed the gradual water quality changes across the globe including the Detroit River, the implication of those changes to drinking water treatment processes, and the results from treatment optimization strategies that are being investigated by the internal Research Team at GLWA.



Dienne Tolofari with faculty and students at the Wayne State University graduate seminar

Systems Control Center

There was a 2.4% decrease in the November 2025 pumpage compared to 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. 113010 (Contract No. 0002500) Southwest Water Treatment Plant Flocculation Improvements

Project Manager: Brian Vanhall

This project involves replacing the existing walking beam flocculators with vertical flocculators in three of the four flocculation basins at the Southwest Water Treatment Plant. The existing equipment will be removed from Basin Nos. 1A, 1B, 2A, and 2B, and new equipment will be installed in Basin Nos. 1B, 2A, and 2B. The solicitation closed on August 18, 2025. The anticipated award date is Winter 2025/2026. The project will be delivered using the Design-Bid-Build method, with an estimated completion date of fall 2031.

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 has received a Final Completion status.

WATER OPERATIONS AND FIELD SERVICES (continued)

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. All documents have been submitted to close out the contract.

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 February 2026.

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.

WATER OPERATIONS AND FIELD SERVICES (continued)

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 is 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

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 project began in November 2025. The upgrades to the Waste Wash Water Treatment Facility conduits and wires, the first element of permanent work, started in December 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 will use vertical mechanical mixers instead of horizontal flocculators. 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.

WATER OPERATIONS AND FIELD SERVICES (continued)

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 and has also been completed. 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

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.

A Change Order to address the final inspection issues has recently been approved. The new completion date will be in February of 2026.

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

Project Manager: Mark Blossfeld

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 in January 2026.

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 No. 5 and No. 6 are currently halfway through a 90-day performance.

WATER OPERATIONS AND FIELD SERVICES (continued)

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

The 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. A Notice to Proceed has been issued and the project started on December 1, 2025. The project is scheduled for completion by December 2029.

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

Project Manager: Peter Bommarito

This 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 began on October 1, 2025. Ballard Marine is currently installing stainless-steel liner plates. Once all liner plates are installed, grouting of the annular space between the liner plates/rings and the existing concrete raw water tunnel will take place. In-water work is tentatively scheduled to be completed in April 2026 with full restoration of construction area by June 2026.

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

Project Manager: Vittoria Veltri

This 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 fully constructed, and the job is substantially complete. The project is going through the closeout process.

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

Project Manager: Sean Grant

This 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 must complete a 16-inch set of parallel mains from Water Works Park to Rivard. Construction for this project will not commence until the City of Detroit Predecessor project is complete, estimated in FY2028.

WATER OPERATIONS AND FIELD SERVICES (continued)

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

Project Manager: Jorge Nicolas

The project re-entered the design phase after a long pause due to the search for a suitable site, GLWA budget realignment, and reassessment of GLWA needs. We have recently completed our review of the 60% design deliverables and submitted comments to the consultant, who is now addressing those comments. Several workshops have been held to determine equipment specifications and layout, resulting in multiple technical memoranda from the consultant. Coordination with stakeholders, including DTE, the City of Farmington Hills, the City of Livonia, Wayne County, and Michigan Department of Transportation is ongoing. The 90% design deliverables submitted were reviewed by GLWA and review comments provided to consultant. 100% Design deliverables have been received. A Request for Bid (package) has been completed and has been uploaded into NEXTGEN. In parallel to these activities, approval from EGLE and other stakeholders is in.

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

Project Manager: Vittoria Hogue

The 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. 1 A 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. The 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. This 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. This project is expected to have construction start by summer of 2026.

OFFICE OF SYSTEM RESILIENCY (OSR)

Joint Task Force to Investigate Increased Member Partner Water Main Breaks

The Office of System Resiliency (OSR) is continuing to lead 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 water main breaks that have occurred for this area. 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.

OFFICE OF SYSTEM RESILIENCY (continued)

Support from Water Engineering, Operations, Field Services, and Public Affairs is being provided to conduct the investigation and keep Member Partners informed on progress and conclusions. Brown and Caldwell (BC) has been retained to provide their expertise in evaluating the data in coordination with their previous report on transients between Northeast Water Treatment Plant and North Service Center. BC is reviewing all the data collected from June 1, 2025, to present and developing an analysis of root causes with recommendations to address this increase in water main breaks.

Detroit River Interceptor Rehabilitation

All sewer rehabilitation work from Reach 1 through Reach 3B is now complete, marking continued progress toward full restoration of the Detroit River Interceptor. To date, 49,317 linear feet of sewer repairs have been successfully completed, and all rehabilitated reaches remain in stable condition under current flow conditions.

At the Fox Creek Regulator Structure, flow has been fully transitioned into the newly constructed low-flow conduit. Excavation of the slipline shaft has been completed, and crews have begun removal of the existing high-flow chamber in preparation for sliplining that conduit with new HOBAS pipe. The intake structure actuator has been installed, and permanent power from GLWA and DTE is still pending before the gate can be placed into full operational service.

Remaining project activities are focused on completing the Fox Creek work elements and finalizing the structural and mechanical components needed to close out the rehabilitation effort.

Energy Management

OSR Energy initiated another round of electric utility Rate Study with DTE. GLWA will study the same major facilities internally to compare the results before implementing any of DTE's recommendations.

GLWA now completed submitting the rebate incentive applications for 2025. The main focus was on the WRRF and Water Booster Station assets this year.

GLWA is still awaiting the final study report conclusions and recommendations to determine the best Light-Emitting Diode (LED) lighting upgrade path for each facility for the (LED) upgrades at Water and Wastewater pumping stations contract, SCN-0000631. A workshop will be scheduled once we distribute the study report.

OSR and DTE Gas performed a Natural Gas Transportation Annual Rate Analysis for the major accounts, and the recommendation is to remain at the rate that each account is currently at.

OFFICE OF SYSTEM RESILIENCY (continued)

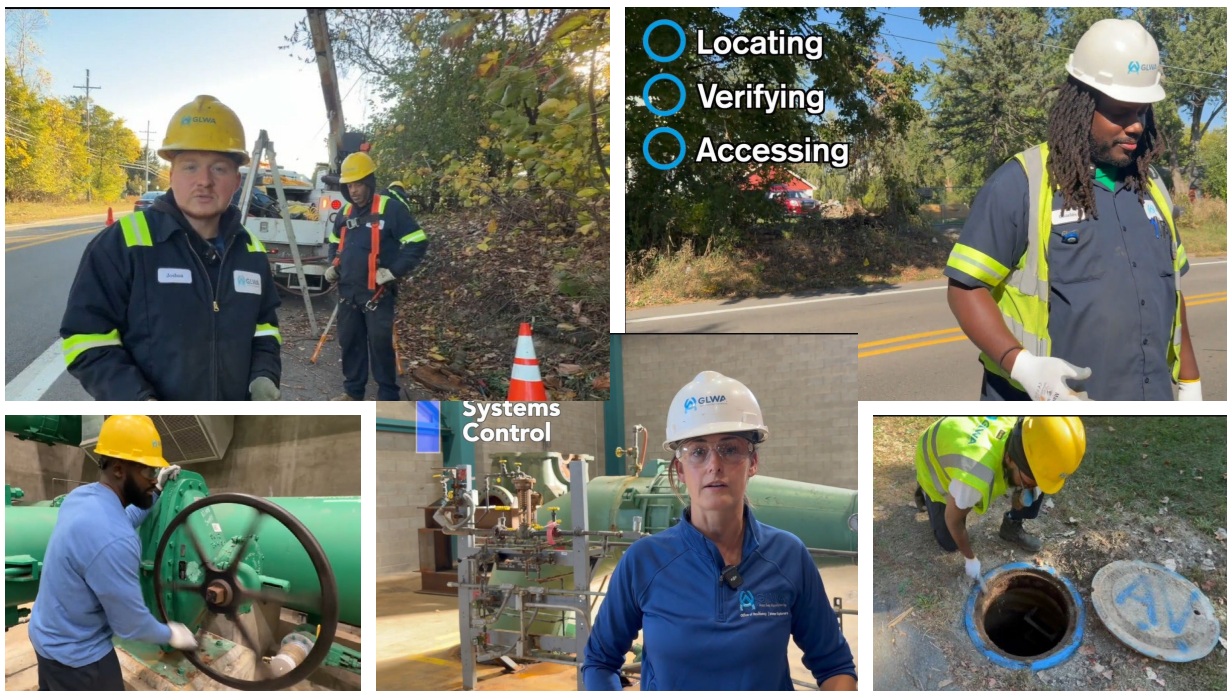
Flood Resiliency Study

Work continues on the Southeast Michigan Flood Risk Management Feasibility Study being conducted under the authority of the US Army Corps of Engineers (USACE) with GLWA as the non-Federal sponsor. In addition to the USACE Study, GLWA is coordinating with the Southeast Michigan Council of Governments (SEMCOG) to coordinate planning efforts across the region with respect to flood resiliency and have formed a volunteer Resiliency Projects working group that draws on utility, transportation, and local units of government to share tools and ideas. The next meeting of the Resiliency Projects working group is scheduled for January 28th at SEMCOG. The agenda will include an update and discussion of next steps from SEMCOG's Flooding Task Force, updates and lessons learned from DWSD's flood mitigation efforts, and presentations from workgroup members highlighting results from recently completed flood mitigation projects.

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.

On-the-Job Training Initiatives

The Resiliency Team has launched a dynamic on-the-job training initiative designed to capture critical knowledge and hands-on experience and share it with new and emerging team members. This initiative features concise, task-focused videos recorded in real time, providing a practical resource for learning new responsibilities or refreshing existing skills.



OFFICE OF SYSTEM RESILIENCY (continued)

Building on this momentum, the next phase will focus on equipping field staff with the tools and training needed to produce their own instructional videos—further expanding our library of expertise and strengthening knowledge transfer across the organization.

Regional Resiliency

The OSR represented GLWA at the 2025 US Water Leaders Summit hosted by Macomb County for the Great Lakes and St. Lawrence Cities Initiative. (Photo shown bottom left). The event brought together public officials, tribal leaders, entrepreneurs, business and nonprofit leaders, and environmental stakeholders from across the Great Lakes to explore community-based strategies to transform the Great Lakes economy, steward our freshwater resources, and prepare for future challenges and opportunities. Macomb County Drain Commissioner Candice Miller moderated a session between SEMCOG and GLWA that focused on regional collaboration to enhance resilience to floods. Detroit Water and Sewerage Department Director Gary Brown made the closing remarks for the full day session. (Photo shown bottom right),



INFORMATION TECHNOLOGY (IT)

IT Security

In the past month, the IT Security team has proactively blocked or thwarted 130,224 spam messages, 24,786 spoofed messages and 77 viruses. Additionally, 23,720 phishing attempts have been caught, and 12,579 malware attempts have been blocked.

INFORMATION TECHNOLOGY (continued)

IT Business Productivity Systems

The IT Business Productivity Systems (BPS) team, in collaboration with Public Affairs and the Workshop Services Team, implemented Workshop, GLWA's new internal communication platform. As of November 18th, GLWA officially transitioned from GovDelivery to Workshop. Workshop is a cloud-based modern platform designed to make it easier for GLWA to keep its team members informed, connected, and inspired. Workshop allows us to deliver the right information to the right audience, send more visually engaging email messages that contain less text with links to additional information; and provide a much better video experience.

In addition, the IT BPS team, in collaboration with Procurement, successfully deployed the Grainger Punchout integration on November 24th enabling requesters to seamlessly connect from Workday to Grainger's website catalog to order supplies. This streamlined solution automates the exchange of purchase orders electronically, eliminating manual tasks such as obtaining quotes, placing orders by phone, and sending paper or email purchase orders. As a result, the procurement process for needed supplies is now faster, more efficient, and more precise.

IT Enterprise Asset Management Systems

The IT Enterprise Asset Management Systems team, in conjunction with Capital Improvement Planning, Water & Wastewater Engineering, Finance and Procurement groups, continues to support the implementation effort for the GLWA's Project Management Information System, Kahua, to deliver Capital Improvement Program planning and program and project management delivery. In November the project team finalized the plan for historical data migration data sources and began migration of historical data for contracts, pay applications, and change orders into Kahua. Considerable progress was made on development of integrations from Workday in preparation for System Integration Testing beginning in December. In addition, the project team finished identifying and prioritizing Phase 1 reports and dashboards and began to develop requirements for them.

IT Customer Service Delivery

The IT Customer Service Delivery team, in collaboration with Finance, Public Affairs, Organizational Development, and Water Operating Services – Research & Innovation teams, assisted with the 5th annual MICareerQuest Southeast event.



INFORMATION TECHNOLOGY (continued)

This year, over 8,000 middle and high school students from 132 schools across Michigan counties attended. This is Michigan's largest and most interactive career exploration event featuring over 210 careers in advanced manufacturing, construction, health sciences, and technology. Our Team Members exposed the students to the many careers and apprenticeship opportunities that GLWA has to offer. We look forward to continuing to help build Michigan's future workforce.



IT Project Management Office (PMO)

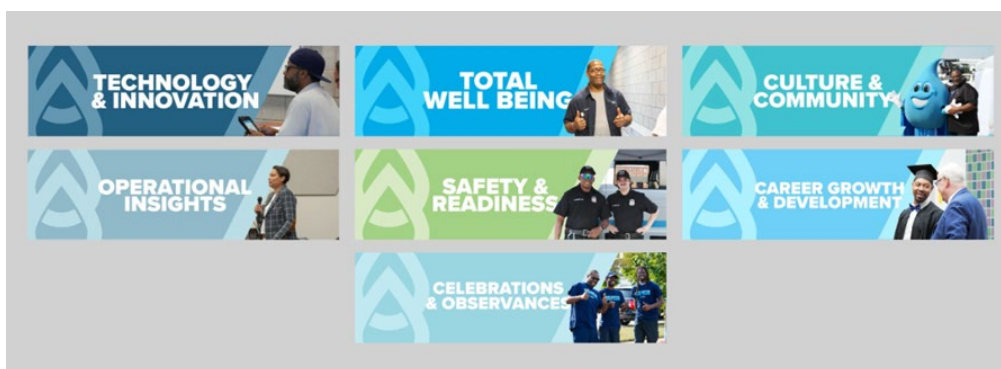
Currently, the IT PMO is managing 16 active projects and is processing six project requests. The PMO is also assisting with 31 initiatives.

PUBLIC AFFAIRS

New Internal Communications Platform

Public Affairs, in partnership with Information Technology, has launched Workshop, a new cloud-based internal messaging platform designed to make it easier to keep team members informed, connected, and inspired. Workshop allows GLWA to deliver the right information to the right audience, send more visually engaging email messages that contain less text with links to more detailed information, and provide a much better video experience.

As part of our Workshop transition, Public Affairs has created a new internal messaging strategy by organizing GLWA news and updates into seven clear communications pillars (shown below), each with its own branding and purpose and distribution day of the week. This helps team members quickly recognize the type of information being shared.



Flush to Finish

Public Affairs has debuted its newest long-form educational video explaining the wastewater treatment process. *Flush to Finish* uses easy to understand language and engaging video to tell the story behind wastewater treatment at GLWA. The video features members of our Wastewater Operations Team and shows all the hard work the men and women of the Water



Resource Recovery Facility (WRRF) do to protect human health and the environment. Along with GLWA channels, the video will also be featured on a number of local community cable stations and the social media of participating member partners.

You can watch the video by clicking [HERE](#).

PUBLIC AFFAIRS (continued)

Mount Clemens Collaboration One Water News Drop

Public Affairs produced a new One Water News Drop video highlighting a major capital project happening in Mount Clemens, which will lead to the city becoming GLWA's newest member partner by connecting into the regional system, thereby ensuring clean, safe water for generations to come. You can watch the video by clicking [HERE](#).



Team Member and Family Open House One Water News Drop

Public Affairs produced a highlight video, showing off the sights and sounds of this year's Team Member and Family Open House. For the first time in GLWA history, the event focused on our WRRF showing our team members and their facilities how the process works from start to finish and giving them a guided bus tour of the WRRF where they could see the process in action and understand how our team helps protect public health through their work. You can watch the video by clicking [HERE](#).



PUBLIC AFFAIRS (continued)

CEO Visits

Public Affairs continues to facilitate CEO visits for different groups across the Authority. The latest visit was with our IT Group. Sue Coffey (pictured below) answered questions and thanked everyone for their hard work.



Freud Sanitary Pump Station Community Meeting

Public Affairs provided audio and visual services for the latest public meeting on the Freud Sanitary Pump Station at East Lake Baptist Church in Detroit. The quarterly meetings give residents updates on the project and gives them the opportunity to provide input. A video of the meeting is then put on the GLWA website so anyone unable to attend can still see what happened.

Downriver Transmission Main Loop Open House

On Thursday, November 13th, residents and stakeholders were invited to a Community Open House to learn more about GLWA's work on the new 42-inch water transmission main on Inkster Rd. By lowering the risk of water interruptions for Romulus, Taylor, Huron Township, Brownstown Township, Westland, and others, the new main will create a loop of redundancy for the communities. Attendees were encouraged to ask any questions they had regarding construction, timing, detours, etc.

SECURITY AND INTEGRITY

The Hazmat Unit coordinated and completed a total of 112 hours of training during the month and also completed 404 total training hours for the Security and Integrity group for the month of September.

The group met with the Urban Area Security Initiative Group's Critical Infrastructure Workgroup, Homeland Security Advisory Council and the Downtown Detroit Partnership, along with the Detroit Police Department.

ORGANIZATIONAL DEVELOPMENT (OD)

Performance Team

Internship

GLWA is actively recruiting college interns for Summer 2026. Intern positions are posted on [Careers - Great Lakes Water Authority](#).

Outreach and Events

Groves High School Lunch 'n' Learn

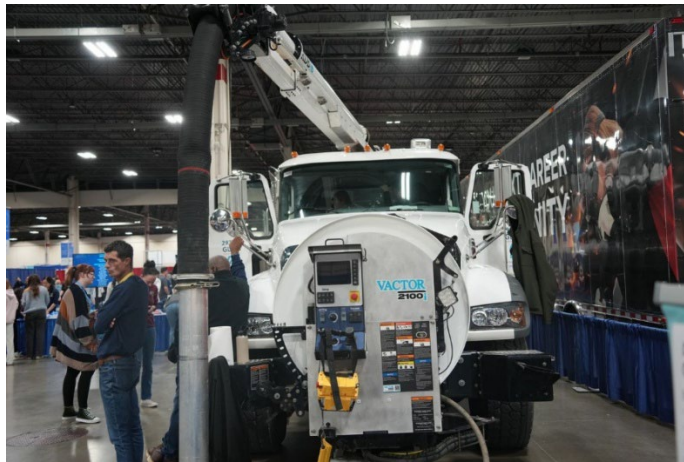
The team connected with students to discuss careers at GLWA, including our apprenticeship and internship opportunities.

Southeast Michigan CareerQuest (MICareerQuest)

MICareerQuest is the region's largest interactive career exploration event for high school students. It exposes over 8,000 students to a wide range of exciting and rewarding career opportunities. This is GLWA's 3rd year as exhibitors. GLWA exposed high school students to careers in the water sector, including Water Technician, Plant Technician, Chemist, and Engineering opportunities. Several members of GLWA's Executive Leadership Team, (ELT) attended the event's opening ceremony and tour, then engaged with students at GLWA's exhibit. New to GLWA's display this year:

- GLWA's Water Transmission Team displayed the GLWA Vector truck. Students were fascinated with the truck's size and its capabilities. The students enjoyed taking selfies in the truck!
- GLWA's Security and Integrity Chief, Barnett Jones, and Deputy Chief, Walter Davis, attended in full uniform and shared career opportunities with students. Many students posed with them for pictures.
- GLWA's Wastewater Operation Chemists sparked curiosity in students using microscopes and live samples to show the microorganisms that can be found in untreated water.

ORGANIZATIONAL DEVELOPMENT (continued)



Peter Bommarito, Manager - Water Transmission Systems, and Curtis Carter - Senior Team Lead, with the Vactor Truck



Walter Davis, Deputy Chief of Security & Integrity; Bill Wolfson, Deputy Chief Executive Officer; and Barnett Jones, Chief of Security & Integrity



Microscopes and Live Culture Demonstration – Chemists, Kevin Bracco and Daniel Agnew

ORGANIZATIONAL DEVELOPMENT (continued)



pH in water demonstration: Chemist, Hainite Tuitupou and Intern, Alexandra Kochanek



The wastewater process: Lifecycle Project Managers Paul Ransom, Alyssa Gruda, and Brooke Ballard

HR Roundtable

On November 20, 2025, GLWA hosted a virtual HR Roundtable with Member Partners and other regional water utilities. GLWA's Community College partners and GLWA's One Water Institute shared information on their maintenance technician programs, training curricula, and water-related program initiatives.

Michigan Educators Apprenticeship & Training Association (MEATA) Fall Conference

Patricia Butler, Director, and Adino May, Management Professional and newly elected MEATA Business Representative Board Member, attended the fall conference on Thursday, November 6, 2025, at Delta College's downtown Midland Center in Midland, Michigan.

ORGANIZATIONAL DEVELOPMENT (continued)

The conference brought together apprenticeship and workforce-based training representatives from across Michigan, including the State of Michigan, employers, educators, program administrators, and other stakeholders, to network, collaborate, share ideas, discuss shared challenges, and support the growth of Registered Apprenticeship Programs throughout the state.

Benefits and Wellness

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

- Meditation
- Virtual Well-being
- Retirement plan education
- Medicate 101
- One Water Wellness Fairs and Open Enrollment
- Women's Health Networking Series
- Men's Health Initiative

GLWA Women's Health Networking Series



Lavita Modest, Professional Administrative Analyst, Wastewater Operations, was the guest speaker for the Women's Health Networking Series on November 7th. She shared "How to Handle Your Insecurities: C.R.E.A.T.E. a Secure Self-Image" with team members, providing the team with the following affirmation: I am safe. I am sure. I am successful.

As a licensed counselor, Lavita holds a Bachelor of Biblical Studies, a Master of Clinical Mental Health Counseling, and a Doctorate of Christian Counseling. In addition to serving as an adjunct professor and University Program Supervisor, she oversees master level students in their pursuit of becoming clinical counselors, as well as the fieldwork for new clinicians as they pursue full licensure.

ORGANIZATIONAL DEVELOPMENT (continued)

GLWA Men's Health Initiative



GLWA Men's Health Initiative at Central Services Facility – "Never Give Up: A Team Member Success Story"

For the 4th quarter of 2025, the Men's Health Initiative welcomed Peter Fromm, Director, Water Transmission. Team members across both water and wastewater operations heard Peter share his story on why you should not give up on yourself - no matter what age you are, or what physical condition you may have. He emphasized the importance of taking time to commit to goals you have set for yourself.



GLWA Men's Health Initiative at Water Resource Recovery Facility

ORGANIZATIONAL DEVELOPMENT (continued)



November 6th acknowledged the sequel to our May walking challenge. During the month of October, GLWA team members engaged in the second walking challenge of year. In this instance, solo participants competed against one another for the most steps in either the hybrid/remote or onsite location categories. This year's winners were:

- On-site winners:
Team: "Lake Huron Big Steppin' "Madelyn Showler, Richard Sumner, Michael Hayden, & Devin Cleveland-Stein
Individual: Taji Goins, Springwells Water Plant
- Hybrid/remote winners:
Team: "Team Walking into Wellness" -Latasha Jones, Jetaun Coleman, & Valerie Jefferson from Organizational Development
Individual standing: Kari Rosol, Water Board building

Medicare 101

The Detroit Area Agency on Aging (DAAA) facilitated a Medicare 101 education seminar at the Water Resource Recovery Facility (WRRF) on November 13th for team members. Amy Dukes, State Health Insurance Assistance Program (SHIP) Site Coordinator for DAAA led a robust discussion providing resources that included in-person health care planning, and a review of what is covered under Medicare parts A, B, C, & D, as well as supplemental plans.

ORGANIZATIONAL DEVELOPMENT (continued)

Financial Well-being

Retirement Planning Education Series



On-site one-on-one consultations and a Lunch and Learn education seminar, was hosted at the Springwells Water Plant on November 12, 2025. Team members reviewed retirement goals, investment options, and their portfolio performance.

Training

During November, 38 instructor-led training courses were delivered to 185 GLWA team members, totaling 220 instructor-led training hours. In addition, 40 online self-paced training courses (e.g., KnowBe4 and 360Water) were completed, totaling 26 self-paced training hours.

Talent Management

Staffing

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

Number of New Hires	5
Number of Separations	5
Total Staffing - Regular FTEs (YTD)	1110
Total Staffing – Part-Time (YTD)	13

FINANCIAL SERVICES AREA

November Audit Committee Recap

The November regular monthly Audit Committee meeting was held on November 21, 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:

- ✓ Annual Financial Audit Update
- ✓ WRAP FY 2025 Program Review Update
- ✓ CFO Report
- ✓ Monthly Financial Report for June 2025
- ✓ Monthly Financial Report for July 2025

FINANCIAL SERVICES AREA (continued)

- ✓ Monthly Financial Report for August 2025
- ✓ Grants, Gifts, and Other Resources Report through October 31, 2025
- ✓ Quarterly Investment Report through September 2025
- ✓ Annual Procurement Report for FY 2025
- ✓ The Procurement Pipeline for November 2025

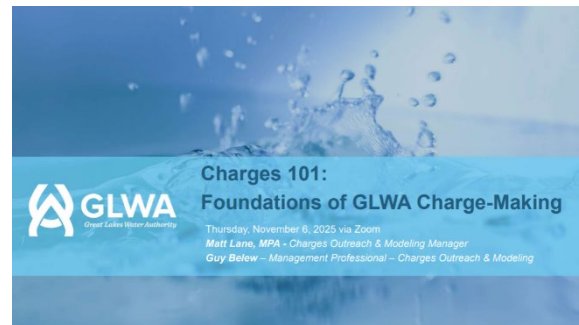
The following items were unanimously recommended to the Board of Directors for action:

- ✓ Public Hearing on the Proposed FY 2027 & FY 2028 Biennial Budget Request
- ✓ Public Hearing on Proposed FY 2027 Schedule of Revenues and Charges

Charges Outreach & Modeling

The Charges Outreach & Modeling Team participated in two Zoom events for member partners during the month of November. The first event, “Charges 101: Foundations of GLWA Charge-Making” was held on November 6, 2025 and the second meeting titled Charges Rollout 1 & 2 was hosted November 13, 2025.

During these events, Charges Outreach & Modeling Manager, Matt Lane, led member partners through the Charges 101 training, providing a high-level overview of the process for developing charges as well as a historical look at how rates and charges for DWSD and GLWA have evolved over the decades. Matt Lane along with Management Professional Guy Belew discussed the preliminary units of service analysis for FY 2027. Both events were well-attended and helped kick off the rollout process for upcoming fiscal year.



Procurement Update



On November 6, 2025, Procurement Manager, Michael Lasley and Management Professional, Tina Clinkscales, attended Diverse Connections, an Oakland County Purchasing Event. The event, which was co-hosted by Oakland County and the economic development group Oakland Thrive, was designed

to help create new connections between buyers from public organizations and the vendors interested in doing business with them.

FINANCIAL SERVICES AREA (continued)

Introductory remarks from Oakland County Executive Dave Coulter, Chief Diversity Officer Harry Weaver, and Deputy County Executive Sean Carlson, as well as officials from Oakland Thrive, opened the event and were followed by opportunities to network with buyers from government agencies, schools, universities, and local businesses. GLWA staffed a table alongside 30 buying organizations. The GLWA team had the chance to speak with over 150 vendors about how to register in the Euna Procurement Portal, submit a successful bid or proposal response to open opportunities, and fulfill the requirements of the Business Inclusion and Diversity (B.I.D.) program.

Also in November, Jeanette Driver, Procurement Manager of the B.I.D. program, attended the National Minority Supplier Development Conference (NMSDC). The conference this year focused on navigating transformation and rapidly technological innovation in these economic times and how Minority Business Enterprises and their partners can manage risk and identify opportunities for growth. In addition to networking opportunities, attendees explored panels focused on inclusive procurement, impact sourcing and collaborations to strengthen supply chains to the benefit of organizations, partners and the communities they work within.



The November Procurement Pipeline is attached. This edition includes tips for utilizing GLWA's planning documents as well as a list of upcoming solicitations.

OFFICE OF THE GENERAL COUNSEL

Bryan Stapleton: We are pleased to advise you that Mr. Stapleton, currently employed as an intern in the Office of the General Counsel (OGC) has successfully passed the Michigan Bar examination and joined GLWA's OGC as an Associate 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. Recently, 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. Michigan Department of Transportation's (MDOT) Motion for Protective Order was denied. GLWA's expert witness has been deposed, and Discovery is now closed.

OFFICE OF THE GENERAL COUNSEL (continued)

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, 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. 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 dismissed an additional lawsuit related to the July 2021 storm event. The Plaintiffs appealed that decision. On August 21, 2025, the Court of Appeals REVERSED and REMANDED the case back to the Circuit Court. GLWA has filed leave to appeal the Court of Appeals decision with the Supreme Court. There were no new lawsuits received by GLWA this month regarding 2021 rain events.

On October 2, 2025, the Court of Appeals (COA) reversed the Summary Disposition granted in favor of GLWA in the *Dubrule* litigation. These consolidated appeals involve suits to recover damages arising from sewer backups that happened during the severe rain event in the Metro Detroit area in June 2021. The COA reversed the dismissal of GLWA on the basis that dismissal was premature; and that Plaintiffs should be allowed discovery as to proximate causation. GLWA plans to appeal the COA reversal to the Michigan Supreme Court. The application for leave to the Supreme Court has been filed.

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. GLWA and Dearborn are continuing negotiations regarding the terms and specifics of the negotiations of a model contract and related issues.

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. 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 (EGLE) have agreed to water meter locations and all three meters have now been installed. Wastewater meters are present at the majority of the connections between the City and GLWA and a group of technical representatives from both parties are reviewing calibration and quality control measures.

OFFICE OF THE GENERAL COUNSEL (continued)

Mays, et al v GLWA: The Court recently entered an order partially granting GLWA's Motion for Summary Disposition and partially dismissing Plaintiffs' claims. Plaintiff's have filed an appeal which is currently pending.

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 was 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.

Ahmed v GLWA et. al.: 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 (GLWA) 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. On August 19, 2025, counsel for GLWA filed its Motion to Dismiss. The hearing on the motion was held on October 27, 2025.

Clark vs GLWA: On September 5, 2025, Plaintiff Maurice Clark filed a Premises Liability claim based on the injuries he allegedly sustained while working at the Springwells Water Treatment Plant. Through counsel, GLWA plans to vigorously defend this lawsuit and GLWA has been granted an extension in which to file its Answer to the Complaint.

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

96-inch Water Transmission Main: Phase 3 pre-construction phase is finalized. OGC is currently negotiating easements with Corewell Health for Parcel 37 near Dequindre and M-59. Additionally, GLWA continues negotiations with MDOT for Phase 3 easements.

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: The Office continues to work with the Chief Operating Officers and team leaders from both the water and sewer systems to comply with regulations and to respond to any alleged violations. OGC staff attended EGLE training on "Hazardous Waste and Liquid Industrial By-Products Characterization and Generator Status."

OFFICE OF THE GENERAL COUNSEL (continued)

NPDES Permit Negotiations: The EGLE/GLWA/DWSD negotiation meeting was held November 24, 2025. OGC staff continues to coordinate with Wastewater Operations to negotiate Permit terms. The next GLWA/WRD bimonthly meeting was held November 5, 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.

Industrial Pretreatment Program (“IPP”) & Industrial Waste Control Group (IWC): The Office continues to provide assistance on PFAS and PFOS matters. OGC staff attended “Wetlands - Where are they and how are they regulated?” presented by EGLE. An IPP Permit meeting was held with Evans Distribution Systems and ongoing discussions continue with Marathon and Ford Motor Company.

Real Estate: The Office is working to secure licenses, easements, and acquire properties related to various water and sewer projects including the Farmington Newburgh Facility Improvements. OGC is negotiating several agreements including a storm water detention and discharge system agreement; and joint utility pole user agreements with AT&T, Verizon, Spectrum and Crown Castle. *GLWA v. Downriver Public Warehousing and Storage* condemnation matter was settled and approved by the Board on November 20, 2025.

Member Outreach and Training: The Office continues to be an active participant in Member Outreach sessions and other training. OGC staff participated in Franklin Covey’s Impact Conference held November 4-6, 2025.

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 Parcel 37 North Dequindre segment.

Civil Litigation and Arbitrations: The Office continues to vigorously defend all actions against GLWA. 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.

OFFICE OF THE GENERAL COUNSEL (continued)

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

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

Statistics:

<i>Contract Statistics for November 7, 2025 to December 4, 2025</i>	<i>#</i>
Contracts approved as to form:	36
Contracts drafted or revised:	103
<i>Subpoena Statistics for November 1, 2025 to November 30, 2025</i>	<i>#</i>
Subpoenas/Information requests received:	5
Subpoenas/Information responded to:	7

Respectfully submitted,


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

SRC/dlr

Attachment: November Procurement Pipeline

Welcome to the November 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: Utilizing GLWA's CIP and PMP Planning Documents

GLWA's Capital Improvement Plan (CIP) is a five-year planning document which identifies major capital asset projects in GLWA's regional water and wastewater systems. Updated annually to reflect changing system needs, priorities, and funding opportunities, GLWA's Board Approved [Capital Improvement Plan for 2026-2030](#) is available on the CIP Page of GLWA's website.

Vendors reviewing GLWA's CIP documents will find the following:

- ✓ A full listing of CIP projects for water, wastewater, and centralized services.
- ✓ Detailed, one-page summaries on each project's purpose, status (whether in procurement, execution, or future-planned), phases, scope of work, and cost estimations.
- ✓ Six additional informational appendices providing greater detail about projects, system background information, scoring evaluations, and [How to Navigate the CIP](#).

Vendors who regularly utilize the "Upcoming Solicitations" portion of the monthly Procurement Pipeline newsletter to prepare for future solicitation submissions will see, where applicable, CIP numbers listed next to certain projects. Vendors interested in knowing more about these upcoming projects may look up those CIP numbers in GLWA's CIP documents to review further details on projects they may be interested in pursuing.

The CIP Project Management Plan (PMP)

The CIP PMP Plan establishes the processes and procedures used by GLWA's CIP Delivery Team in executing CIP Projects. This document includes

detailed information on how projects are scheduled, budgeted, developed, and managed from start to finish. Vendors who have been awarded a CIP project contract or who are interested in pursuing one, may review the PMP to gather insight into GLWA CIP projects as well as to better understand their roles and responsibilities in contributing to a project's success.

GLWA Replaces GovDelivery with New Digital Communication Software Workshop

This month, GLWA Vendors will receive the *Procurement Pipeline* newsletter via a digital communications software called Workshop. While this tool will replace GovDelivery, all GLWA communications will still be sent from GLWAVendorOutreach@glwater.org. No action is required by Vendors to continue receiving GLWA communications. Any questions may be directed to GLWAVendorOutreach@glwater.org.

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 submitting a competitive bid or proposal to any GLWA solicitation.

What's Coming Down the Pipe?

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

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

Visit GLWA online!

To see the GLWA vendor homepage, please visit www.glwater.org or contact us via email at procurement@glwater.org.

Upcoming Solicitations November 2025

Category	CIP #	Description/Project Title	Budget Estimate
Water System (next four to nine months)			
Design Build	170803	Reservoir Rehabilitation Phase III	\$51,830,000
Construction	132016	North Service Center Pumping Station Improvements	\$108,322,551
Construction	122021	Grosse Pointe Woods & Harper Woods 24" Transmission Main	\$17,000,000
Professional Services	O&M	Mechanical Services Plumbing and HVAC	\$160,000
Construction	122020	Concord and Nevada Flow Control Valves	\$7,000,000
Construction	122023	Adams Road Transmission Main	\$8,400,000
Construction	111012	Lake Huron Water Treatment Plant Flocculation Improvements	\$60,000,000
Professional Services	116101	Design/ Inspection of Raw Water Tunnels	\$4,242,000
Wastewater Systems (next four to nine months)			
Construction	273001	Hubbell Southfield CSO Facility Improvements	\$54,853,991
Construction	211009	EB-20 Substation Replacement and Primary Area Gas Detection System Upgrade	\$4,400,000
Design	270009	Site Improvements at Baby Creek, Belle Isle and St. Aubin CSO	\$1,389,999
Enterprise (next three months)			
Software Subscription and Implementation	O&M	Complaint Management Software Subscription and Implementation	\$200,000
Water System (next three months)			
Professional Services	O&M	Water Master Plan	\$1,500,000
Construction	111001	Lake Huron Water Treatment Plant – LH-401 Switchgear and Low Lift Improvements	\$125,000,000
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	\$167,000,000
Construction	260206	Rehabilitation of 7 Mile Sewer System	\$9,810,185
Projects moved to Procurement Team (Preparing for solicitation on Euna Procurement)			
Professional Services	O&M	Crane Rental	\$853,125
Professional Services	O&M	Staffing Services	\$500,000
Professional Services	O&M	Crane Inspection Services	\$156,000
Construction	122016	Downriver Transmission Main Loop: Inkster Road 42" Main	\$54,900,000
Construction	270006	CSO Facility Improvements II	\$18,901,448
Construction	122020	Concord Nevada Flow Control Valves	\$7,000,000
Construction	132015	Newburgh Road Booster Pumping Station Improvements	\$70,000,000

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

Acronyms

WRRF: Water Resource Recovery Facility

CSO: Combined Sewer Overflow

WTP: Water Treatment Plant