



Office of the Chief Executive

735 Randolph Street, Suite 1900
Detroit, Michigan 48226

October 22, 2025

The Honorable
Board of Directors
Great Lakes Water Authority

RE: CEO Report – October 22, 2025

Chairperson Miller and Directors,

I'd like to start my report this month with updates on two recent operational challenges: one on the water side and the other on the wastewater side of our business.

On the morning of September 25, 2025, the GLWA system experienced a break on a 42-inch water transmission main on 14 Mile Road, west of M5, affecting the communities of Walled Lake, Commerce Township, Wixom, and parts of Novi. Field crews responded immediately to the break and within two hours, GLWA established an Emergency Operations Center (EOC) to ensure communication between all affected community partners.

Due to a loss in pressure and following critical conversations with Member Partners and the GLWA Water Quality Team, a boil water advisory (BWA) was issued for the affected communities that afternoon. By 5:00 p.m., GLWA's field crews had isolated six of the seven necessary valves and began excavation on a nearby 24-inch pipe to assist with the overall isolation of the 42-inch main. To support the affected areas, GLWA dispatched water buffalo trucks to the cities of Walled Lake and Novi, providing residents with additional drinking water resources.

Crews worked throughout the night to restore water service to all communities within 24 hours of the break. One day after the initial break, the team reached full isolation, and the replacement segment of 42-inch pipe arrived on-site and was installed shortly thereafter.

GLWA's team worked in close coordination with the affected communities to flush and sample their systems, and the BWA was lifted for the city of Novi on Tuesday, September 30th, and for Walled Lake and Commerce Township on Thursday, October 2nd. The BWA for the city of Wixom was lifted on Friday, October 3rd.

Crews continue their work to return water service to normal operations. GLWA is currently working with the Road Commission for Oakland County (RCOC) to undertake road restoration around the site, which is expected to be completed this week.

This is the third break on this water transmission main in the last seven years. Within the last year, GLWA completed a redundancy loop in the water transmission system which allowed restoration of water service much more quickly than in previous breaks.

Contractors have also completed the inspection of 1.33 miles of the transmission main on either side of the break, and an additional 2.42 miles of inspection is expected to be completed this week.

GLWA has stood up an operations group within the affected communities to discuss the inspection of the 42-inch pipe. Together, the group is developing a plan to move forward with the inspection and resulting renewal and monitoring activities.

I want to thank Commerce Township, Walled Lake, Wixom and Novi for their partnership as we work to bring this matter to conclusion. I also want to express my sincere appreciation to the residents and businesses of the impacted communities for their patience during this challenging time.

As of Friday, October 3rd, I am pleased to report that the Water Resource Recovery Facility now has two sources of power redundancy with the restoration of the second external power supply by DTE Energy. As I have previously mentioned, work on the third power supply is much more involved and DTE has indicated that repair is not feasible. DTE is working on a replacement plan which will likely take 10-12 months to complete.

Earlier this month, I was pleased to take part in a groundbreaking ceremony for a \$36 million water infrastructure project that will connect the city of Mount Clemens to GLWA's regional water transmission system via an existing 42-inch water transmission main.

As you know, regional collaboration is at the heart of GLWA's operating philosophy. Optimizing available, existing infrastructure to provide resilient, long-term water service to Mount Clemens is an excellent real-life example of our philosophy in action. I want to thank everyone involved for their hard work in getting us to this important milestone, and we look forward to Mount Clemens becoming a Member Partner upon the project's anticipated completion at the end of 2027.

GLWA is always striving to be a resource for our Member Partner communities. To that end, at our last One Water Partnership meeting at the end of September, a special workshop on financial planning and rate setting for local water systems was conducted by our Charges Outreach and Modeling Team, which included presentations delivered by Willdan, GLWA's charges consultant.

The content was designed to help Member Partners develop robust, forward-looking financial plans and set defensible rates by analyzing capital needs. The event featured opportunities for audience participation and small-group conversations about best practices around aligning rates with the cost of service, maintaining long-term fiscal health, and garnering public support.

Congrats to Chief Financial Officer & Treasurer Nickie Bateson, Charges Outreach and Modeling Manager Matt Lane and his team for their hard work in making this special workshop a great success!

Continuing in the role as a regional hub utility, last month our Financial Services Area hosted the annual Vendor Outreach Event, with more than 160 GLWA vendors attending.

A notable feature of this year's event was a two-part panel discussion detailing "The Life of a GLWA RFX." The first session provided vendors with an in-depth overview of the solicitation cover, Business Inclusion and Diversity (B.I.D.) Program Requirements, Insurance and Bonding, and the Project Scope (for construction). The second panel session provided vendors with information on specifications (for products/services), how to build a team of subcontractors, GLWA's evaluation process, contract administration, the accounts payable process, and vendor performance assessment.

GLWA values its relationship with its Vendor Community, and this event was a great opportunity to connect in-person, share new information about GLWA, and hear and respond to the Vendor Community's most important questions. Thank you again to all who attended, and we look forward to seeing you next year! Congratulations to Procurement Director Sonya Collins and her team, especially Procurement Manager Michael Lasley and Procurement Professional Administrative Analyst Megan Savage for their leadership efforts to make this a valuable event for our vendors.

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

First, for the seventh consecutive year, GLWA has been awarded the Distinguished Budget Presentation Award by the Government Finance Officers Association of the United States and Canada. This award represents a significant achievement by GLWA, reflecting the commitment of the governing body and staff to meeting the highest principles of government budgeting.

Many groups, areas and teams throughout GLWA contribute to the development of the budget document, however I would like to acknowledge Director of Financial Management and Planning Cindy Cezat, Manager of Financial Planning and Analysis David Slowik, Manager of Financial Planning and Analysis Robert Arbaugh, along with CFO Executive Assistant Phyllis Walsh and the entire Financial Planning and Analysis team for their hard work. Well done, everyone!

Finally, for the second year in a row, GLWA has been recognized by the National Association for Business Resources as a recipient of its Best and Brightest in Wellness designation. This unique program highlights employers and wellness providers that promote a culture of wellness, and acknowledges those who strategize, execute, and assess physical, emotional, spiritual, and mental employee wellness efforts, contributing to healthier workplaces and communities.

Congrats to our Organizational Development Group, and special kudos to OD Manager of Benefits and Wellness, Sherrian Greenwood and her team for their commitment to the well-being of our team members!

PLANNING SERVICES

Capital Improvement Planning (CIP)

In September, the CIP Group completed the projections for the FY 2027–2031 Capital Improvement Plan (CIP) and presented a scenario for each of the Water and Wastewater programs. The CIP Controls Team collaborated with the Water and Wastewater Engineering Groups to monitor and refine the CIP program portfolios. This supported the development of Discussion Draft 1 for the FY 2027–2031 CIP. This year's Discussion Draft 1 incorporates updated projections that reflect actual expenditures through July 2025 and integrates Project Managers' cost and schedule updates as of September 2, 2025. Actuals beyond July 2025 and project updates after September 2nd, will be included in Discussion Draft 2, which will be presented later this year.

The CIP Controls Team also made significant progress last month by developing integrated master schedules for the FY 2027–2032 CIP. Since the launch of the Program Management Plan in January 2024, the team has reviewed 114 Primavera P6 schedules across 27 construction projects (10 Water and 17 Wastewater).

On September 9th, the CIP Group, in partnership with the Wastewater Group, presented at the Capital Planning Committee meeting. Updates shared with the Committee illustrated progress on the FY 2027–2031 CIP, FY 2025 CIP Key Performance Indicators, and highlighted several key wastewater projects.

The CIP Group also continued to advance the implementation and integration of the Project Management Information System (PMIS), Kahua. Key decisions were explored in collaboration with Workday and the CIP Portal platform regarding project workflows, financial data transfer, and data collection formats. While Workday currently hosts GLWA's financial and contractual data, the CIP Portal contains individual project information and cashflows used in developing the CIP document and monitoring CIP Delivery. The team continued planning for data migration, including the delivery of project, contract, and contact data templates.

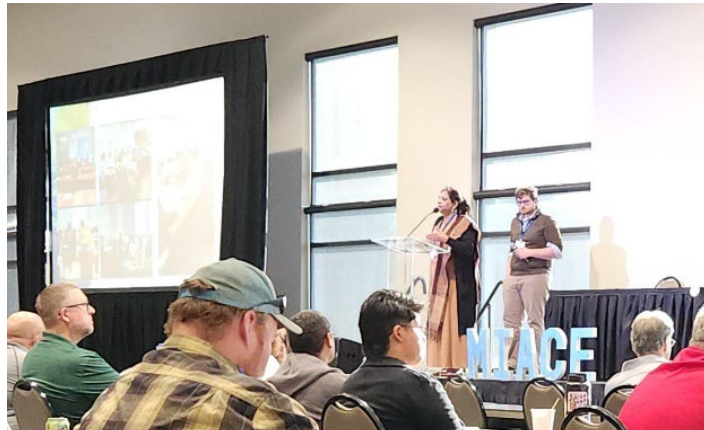
The CIP Assurances Team began developing a high-level dashboard for risk reporting on schedule and cost across the water and wastewater portfolios. This dashboard represents an initial step toward a more refined risk reporting framework ahead of full implementation within the Kahua platform. Additionally, the team collaborated with the Water and Wastewater Engineering Groups to develop a risk register language template to guide project managers in defining project scopes. Lastly, the Assurances Team initiated meetings with project managers for the Top 5 Water and Wastewater Projects and assisted in facilitating risk workshops for one of the top wastewater projects.

PLANNING SERVICES (continued)

Enterprise Asset Management Group (EAMG)

This month, the EAMG is highlighting the efforts of the team to foster collaboration between peer agencies and learn best practices from local and international peer utilities and organizations across the world.

EAMG team members Kaisra Osman and Grantsen Holback presented on GLWA's data analytics initiatives at the Michigan section of the American Water Works Association Annual Conference & Exhibition on September 12th. Their presentation showcased how GLWA is leveraging the new data captured in NEXGEN to support data-driven decision-making. They also highlighted how the foundational work invested in developing high-quality base data within NEXGEN has positioned GLWA to continue unlocking new value from its asset management information system.



EAMG Team members, Kaisra Osman (left) and Grantsen Holback (right) presenting at Mi-AWWA conference in Port Huron in

Steve Dutschke represented GLWA at the Institute of Asset Management Conference in Montreal on September 18th, where he presented GLWA's asset management journey. His presentation highlighted the efforts to sustain and strengthen the program over the past five years, including initiatives in staff development and master data management.

Along with presenting at these conferences, GLWA's EAMG hosted the asset management team from the Lansing Board of Water and Light on September 6th for a best practice sharing session. This cross-utility collaboration provided an opportunity for GLWA to share its areas of expertise and gain valuable insights into opportunities for continued growth.

Member Services Group

The *Wastewater Analytics Task Force* (WATF) met at the University of Michigan Detroit Center on September 5th.

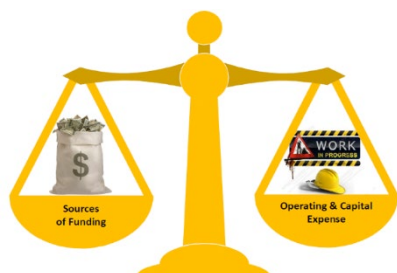
PLANNING SERVICES (continued)

The meeting began with a presentation from Oakland Macomb Interceptor Drain Drainage District (OMIDDD) on their current projects, challenges, and rehabilitation efforts. Representatives from Highland Park provided an overview of their efforts related to establishing a sewer metering system. This was followed by a presentation on a new communication system developed by GLWA and Applied Science, Inc. for long-term planning and coordination of projects that require flow modifications within the regional system. Attendees also learned about the Detroit Water and Sewerage Department's current and future asset management efforts that drive their Capital Improvement Planning program. The final presentation focused on GLWA's Storm Water Management Model updates being made as part of the U.S. Army Corps of Engineers Resiliency Study. The next WATF meeting will take place in person on October 24th.



Aerial view of OMIDDD's newly constructed electrical building at the Northeast Sewage Pumping Station (NESPS)

The *Water Management Best Practices* (WMBP) work group met on September 17th to address critical safety and emergency protocols. Paul Patterson of Hydro Corp provided an overview of the required components for a compliant cross-connection control program, which is designed to prevent drinking water contamination. This was followed by Walter Davis and Ebony Pedraza from GLWA's Security and Integrity team sharing key takeaways from utilizing the National Incident Management System/Incident Command Structure, which is a standardized approach to managing and coordinating emergency responses. The next WMBP meeting is scheduled for November 12th.



The financial balancing act illustrates the need to align sources of funding with all projected operating and capital expenses to achieve fiscal sustainability

On September 18th, Members convened at the Edsel and Eleanor Ford House in Grosse Pointe Shores for a special *One Water Partnership* (OWP) meeting that featured a workshop on financial planning and rate setting for local water systems. GLWA hosted the workshop with presentations delivered by Willdan, GLWA's charges consultant.

PLANNING SERVICES (continued)

The content was designed to help Member Partners develop robust, forward-looking financial plans and set defensible rates by analyzing capital needs.

The event featured opportunities for audience participation and small-group conversations about best practices around aligning rates with the cost of service, maintaining long-term fiscal health, and garnering public support. The next OWP meeting is scheduled for December 4th.

The *Water Analytical Work Group* (AWG) met on September 23rd to review summer usage data and to discuss a recommendation developed by the 2026 Water Contract Negotiations Subgroup. This recommendation involves modifying the contract negotiation methodology using a “probability of exceedance” threshold as the basis to establish minimum contract values. The AWG will convene next in person on October 28th for the annual exceedance review meeting.

On September 25th, the *Human Resources Roundtable* (HR Roundtable) met to learn about regional workforce development resources. Representatives from Focus: HOPE, Detroit Employment Solutions Corporation, Southeast Michigan Community Alliance, and the Workforce Intelligence Network shared details on training, recruiting, and apprentice support. They also spoke about funding opportunities specifically available to the water sector. The next convening of the HR Roundtable is planned to be held virtually on November 20th.

Wastewater Analytics, Planning & Metering (WwAPM)

The Biosolids Feasibility Study team delivered a September 22nd workshop with Member Partners to discuss the Baseline Documentation and Technology Screening reports. The purpose of the workshop was to review the findings with stakeholders and develop a shared understanding of the current conditions before developing alternatives. The project schedule and expectations for a series of Member Partner workshops were communicated at the workshop.

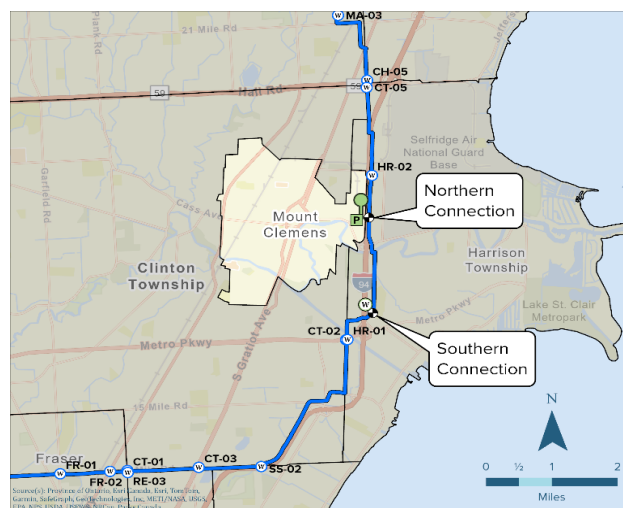
The WwAPM group will be presenting the draft “Annual Flow Balance” tables at the next WATF meeting scheduled for October 24th from 10:00 a.m. to 1:00 p.m. These tables are used to inform the Sewer SHARES process when calculating Member Partner shares. Members are encouraged to attend to learn about the flow balance process, ask questions about the tables, and set up meetings, if necessary, to discuss the information before finalizing the tables. The Sewer Metering team has been preparing the flow balance data since the close of the previous fiscal year. Wade Trim serves as GLWA’s Sewer Metering consultant to gather, review, and analyze the annual sewer flow data.

PLANNING SERVICES (continued)

Water Analytics, Planning & Metering (WAPM)

The WAPM group is pleased to report significant progress with the City of Mount Clemens' connection to the GLWA water system. Over the past three years, GLWA has been collaborating with the City of Mount Clemens regarding their request to connect to the GLWA water system. The WAPM team worked with the city, their design consultant, and the Michigan Department of Environment, Great Lakes, and Energy to develop the scope of work, conceptual plans, preliminary design, the request for proposal, and the final design.

The city will have two metered connections to the GLWA system for redundancy. The project is funded by the State of Michigan Drinking Water State Revolving Fund with assistance from the Bipartisan Infrastructure Law and the American Rescue Plan. The project scope includes the construction of two new connections to GLWA's 42-inch water transmission main, a pump station, a two-million-gallon ground storage tank, a meter pit, pressure-reducing valve chamber, and approximately 5,100 feet of water distribution main. In addition, the city will be decommissioning and demolishing its existing water filtration plant and water intake. The groundbreaking ceremony took place on October 3rd. The project is expected to be completed by August 30, 2028.



Mt. Clemens' connections to GLWA water system

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 September except for the circumstances noted below.

Due to failure of a sample pump, no valid composite sample was collected for monitoring point 049F (Zug Island Outfall) for September 4 or September 5, 2025. This will result in eight non-reported violations: Carbonaceous Biological Oxygen Demand (CBOD) concentration, CBOD loading, ammonia nitrogen concentration, and ammonia nitrogen loading for each of the two days. Due to the recent frequency of sample pump failures, an alarm system has been implemented that will notify Laboratory Team Members of pump outages with an audible alert, warning light and alarm status in the Ovation Supervisory Control and Data Acquisition Technician system.

WASTEWATER OPERATING SERVICES (continued)

All other parameters relating to sampling completed in September are in compliance. However, because of an exceptionally high mercury result from January, the 12-month rolling average for mercury for monitoring point 049A (Primary Effluent) is 54 nanograms per liter (ng/l), exceeding the limit of 25 ng/l.

Reliability and Maintenance Engineering

The Wastewater Reliability and Maintenance Engineering (RME) Team completed hanging approximately 50 lockout tagout boxes (LOTO) around the WRRF. The boxes will be utilized to improve the efficiency of the LOTO process and LOTO procedural compliance. Now, instead of several technicians having to go to each isolation source to place a lock, the locks will be placed by one individual and the keys placed in a LOTO box where individual technicians can hang a lock to service the equipment. The RME team completed this project in just two days, which was a great effort and success by the team.

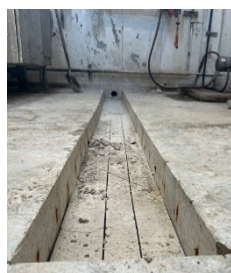


LOTO box mounted in
Complex II Dewatering



*New indicating
light installed at
grit channel no. 4N*

The RME team also initiated a project to improve visual indication of weir gate positioning for the Pump Station No. 1 (PS1) grit channels. If the gates are not open and a pump is started, the pumped water can flood the PS1 dry wells and cause damage to equipment, particularly the lube oil pumps that service the main lift pumps. The RME Team added a light indicator to the weir gates so that operations can quickly verify the position of each weir gate. This will be especially helpful in the dark as the stem is much harder to see during the night and early morning hours. These initiatives contribute to operational efficiency while also improving equipment reliability by mitigating potential human error.



*Trench sawcut into
floor of Scum house
No. 3*

Scum houses Nos. 3 and 6 were constructed in the past without proper drainage. In those buildings, the construction of the drains was started but never completed. During heavy rains, these buildings would also fill with water and need to be pumped out. This was frustrating and inefficient for both the operations and RME teams. The Primary Team initiated a project to complete the drains that were started and added a trench to lead to those drains. With the completion of this project, Scum houses Nos. 3 and 6 will drain rain and groundwater to the rectangular clarifiers in the same manner that Scum houses Nos. 1, 2, 4, 5, and 7 do.

WASTEWATER OPERATING SERVICES (continued)

Laboratory

The Laboratory Team welcomes Maintenance Technician *Jay Cleveland*. Jay supported the laboratory extensively in his previous role with WRRF Central Maintenance. In his new role, he supports maintenance activities around the laboratory and sampling sites, oversees chemical deliveries and supports the team with various other tasks and improvement projects.

The Laboratory also welcomed Professional Administrative Analyst *Javi Contreras*. Javi has a Data Science background and is currently working on developing a dashboard that trends data from the Laboratory Information Management System. Javi has also been supporting the team in preparing data visualizations and is being trained by Management Professionals *Cathy Willey* and *Melvin Dacres* on water quality and air permit related reporting.

Management Professional *Lynda Kostrzewski* and Chemist *Libby Grant* are spearheading standard operating procedure (SOP) updates. The GLWA-wide SOP template was modified and standardized to fit Laboratory SOP requirements. The template will serve the Laboratory Team during the review and editing of all Laboratory SOPs.



Professional Administrative Analyst Javi Contreras (left) and Maintenance Technician Jay Cleveland (right)

Management Professional *Lynda Kostrzewski* and Office Support Specialist *Keithia Flanders* are overhauling the laboratory's stockrooms, which includes relabeling, reorganizing and updating the inventory control.

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

As part of CON-contract 2101167 (CON-2101167), OT/ PACS performed site acceptance testing and performed operator training following installation of the new control system graphics and alarm configurations at the Woodmere Sanitary Pump Station and the Baby Creek Screening and Disinfection Facility.

Woodmere and Baby Creek are the first two sites within the scope of CON-2101167 to receive updated control system graphics and a refreshed alarming system. They join the WRRF, St. Aubin, Leib and Seven Mile Facilities in adoption of the new High Performance Graphics & Alarming (HPG&A) Standards.

Under CON-2101167, the OT/PACS Team will deploy new graphics and alarm settings that conform to the HPG&A standard at all GLWA Sanitary Pump Stations and the Conner Creek, Oakwood, and Belle Isle Facilities. The graphics rollout to these facilities is expected to conclude in 2026.

WASTEWATER OPERATING SERVICES (continued)

Included within the scope of CON-2101167, is the combination of all Conveyance system graphics into a unified set that will result in improved multi-facility and system-wide monitoring.

Industrial Waste Control (IWC)

The next report for the Perfluorooctane Sulfonate and Per- and Polyfluoroalkyl Substance Minimization Program is due November 1, 2025. This report demonstrates compliance with regulatory requirements.

Due to recent dry-weather conditions, there has been limited stormwater flow resulting in limited volumes available for treatment through the stormwater system. As a result, opportunities to assess treatment have also been reduced.

The discussion regarding the Compliance Agreement for the Melvindale Unilateral Administrative Order continued as there were legal and technical matters identified during the latest meetings.

Additionally, further meetings regarding the request for proposal that was developed to solicit consultant services to support the Per- and Polyfluoroalkyl Substances Compound Study are planned to occur.

Engineering and Construction Wastewater Projects in Design or Miscellaneous

Capital Improvement Planning (CIP) Construction:

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

There are multiple project areas that remain active, while key milestones are further delayed from the past month. The inlet gates replacement work is anticipated to be completed along with the leak test (weather permitting) in October 2025. The south wet well work is anticipated to be completed by the end of March 2026. By mid-April 2026, Pump No. 6 rehabilitation will begin.

The critical path will go through process control submittals and approvals, workshops, hardware procurement, panel and instrumentation and control installations, field testing, fiber cabling, and sequential pump rehabilitation. Weiss submitted a notice of potential delays on October 2, 2025, due to design changes that impact the project, reserving rights for additional costs and time. Weiss has yet to provide resolution on a new electrical building structural concern.

WASTEWATER OPERATING SERVICES (Continued)

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

This project upgrades the bar screens to finer screens and installs an improved grit processing system at Pump Station No. 2 (PS2) at the WRRF. Commercial Contracting Corporation (CCC) continued demolition of the northern section of the Screenings Building. Multiple utility lines, a natural gas line on the Screenings Building, storm drains on Seventh Street and the Screened Final Effluent (SFE) water connection near the Ash Lagoon. CCC is also installing a concrete pad to support the 250-ton mobile crane.



7th Street Storm Drain



Screenings Building Demolition

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

The contractor is working to resolve concerns and questions presented during the fire alarm testing as part of commissioning, a communication issue for ovation testing. Damaged ductwork in the grinder room was replaced and scheduling the final air balancing is in progress. Outstanding credit proposals from the contractor are due to GLWA, and upon approval will be included in the final change order. The current final completion date is November 20, 2025.

CIP 212008, Contract 2102926 – WRRF Aeration Decks Nos. 1 and 2 Improvements

The Design-Build Team continues to advance the design towards the 60% design milestone. A portion of the work is planned to occur earlier, which will allow for the WRRF to continue operation while the main project occurs. This project includes removal of the intermediate lift Pump No. 1 and No. 2 flowmeters and the construction of a separating wall between the two flow channels. The progress of this design is currently at the 90 percent review phase. The development of specifications and drawings for the main transformers, intermediate lift pumps, variable frequency drives for the pumps, and the mixer/aerator design was accelerated due to the long lead times associated with the procurement of these.



*Pilot shaft mixer fluid
pilot test*

Recently, design workshops were held focusing on the aeration deck level control. The level control has been a historic challenge for the WRRF Secondary Process. This project is tasked to resolve the associated issues by taking a complete look at all factors contributing to the level control problem.

WASTEWATER OPERATING SERVICES (Continued)

CIP 213007, Contract CON-197 – WRRF Modification to Incineration Sludge Feed Systems at Complex II (WRRF)

Weekly coordination meetings are ongoing to discuss the inspection and pilot testing of the North Conveyance System at the Incineration C-II complex to determine the root cause of the motor failures. Installation and checking of all refurbished motors including Nos. P7/8, H, G, P11/12, P13/14 are complete. The Operations Team will check the system in preparation for the upcoming pilot testing. The all-party site testing is tentatively scheduled for the end of October.

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

The natural gas work in Primary is complete and achieved substantial completion. A new water service from the women's locker room to the tunnel for the Ragland Building will enter the testing phase this month. The 12-inch watermain replacement from the tunnels to the machine shop completed its lining portion and began open cut excavation. The Secondary water main replacement in the Secondary area is substantially complete. The Screened Final Effluent (SFE) large diameter gate valve assessment program is planned for future shutdowns. The common trench from the east end of the rectangular clarifier gallery into PS1 is undergoing pipe installation in the trench (five different utilities go in the same trench). The 18" SFE line replacement (SFE No.2) is substantially complete. The project is on schedule to complete all work by the end of December 2025.

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 an additional source of utility water and upgrade aging pumps, enhancing the facility's overall resilience. The contractor confirms the underground utility locations.

On September 5, 2025, the Michigan Department of Environment, Great Lakes, and Energy (EGLE) identified this project for Clean Water State Revolving Fund (CWSRF) support in its draft Intended Use Plan. The CWSRF provides low-cost financing and partial principal forgiveness, which is an important benefit for this project. To align with program requirements, GLWA paused construction preparations to complete the necessary documentation and environmental clearances. Construction is anticipated to resume in late November 2025, pending regulatory approvals.

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

The contractor is currently working in multiple areas within the WRRF. Stone repairs around the Old Administration Building are ongoing. Structural repairs in PS1 Rack & Grit, including corbel work, are on hold until the final air balancing under Contract No. 2201762 is completed. The contractor is replacing handrails at Primary Clarifier No. 13, performing exterior repairs at Aeration Basin No. 3 and pipe gallery wall repairs with added work to replace existing duct bank and additional project work. The contractor is expected to begin platform and walkway replacement on the De-Chlorination Building roof.

WASTEWATER OPERATING SERVICES (Continued)

A full assessment of estimated costs and required repairs to the employee parking garage is expected to soon be received from the contractor.

CIP 222002, Contract DB-226 – Rehabilitation of the Detroit River Interceptor from Alter Rd. to WRRF

The project's critical path remains through Reach No. 3C, where access has been delayed and is now projected for February 2026 pending completion of the Oakland Macomb Interceptor Drain Drainage District diversion and PS1 project.

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

The contractor continued construction of the new entrance and access drive from Clairpointe Avenue and excavation to prepare for the installation of the temporary earth retention system. The relocation of the water line to the station began, and the contractor provided the preliminary submittal for Pumps Nos. 3 and 7.

CIP 232005, Contract No. 2204605 - Freud SPS Improvements (CON)

The contractor continued construction of the 36-inch force main that will connect the Freud Sanitary Pump Station to the Detroit River Interceptor for the purpose of handling dry weather flows. The contractor also continued construction of the structure that will accommodate the connection of the 36" force main to the Detroit River Interceptor. The contractor has completed installation of reinforcing ribs within the 16-foot Ashland and Fox Creek Relief Sewers.

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

The contract time for this project has expired. The Contractor demobilized and the remaining contract work has not been completed. The city of Detroit has not accepted some of the right-of-way restoration. A claim has been made regarding the performance bond and the bond company hired outside counsel, and they are investigating the claim. Discussion with the bond company, Lanzo, and both their attorneys is ongoing. The insurance company is having another Contractor (Pamar) value the remaining scope items to potentially modify the contract over to them.

CIP 260614, Contract No. 1902224 – CSO Facilities Structural Improvements

The contractor is continuing to prepare and submit closeout documents, including final quantities for the as-built drawings. A construction change directive was issued for the contractor to perform tuckpointing at the Vehicle Grounds and Maintenance Building under this project. This work is anticipated to be completed by the end of 2025. A new generator for Hubbell-Southfield Facility is expected soon for this project.

CIP 260701, Contract 2102859 – Conveyance System Infrastructure Improvements

Regulatory improvements and backwater gate installation are complete at nearly all the Detroit River and Rouge River outfall locations.

WASTEWATER OPERATING SERVICES (Continued)

Instrumentation and controls have been tested for acceptance at 30 of 55 sites. The project is behind schedule and will be extended via change order, with final completion expected in June 2026.

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

ISD equipment installation is complete. Improvements to VR gates are behind schedule due to supply issues but are expected to be completed in the coming months. All ISD site's 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.

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

A key milestone time extension will be submitted for approval in the near future related to pinch valves. The pinch valves have arrived and are being installed this month. The pile installation for the launch shaft is complete with the secant pile crew moving to the manhole shaft behind Oakwood this month. Work plans for the shaft in the Oakwood CSO are being reviewed. The AT&T fiber and phones have been relocated inside the Oakwood Facility with the water relocation coming this month.

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

The Conner Creek CSO forebay (upstream of the bar racks) improvements are ongoing and scheduled through early 2026. Grouting of the double and triple barrel has resumed and is scheduled to be completed this year. The contract will reach final completion in early 2026. A change order and amendment of time are anticipated soon to move the substantial and final completion dates to the current expected completion times.

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

Bi-weekly coordination meetings are ongoing to coordinate project status and tasks. The contractor is working on completing footings for the Ragland canopy, as well as the installation of underground storm piping for the canopy drainage system. The work for the brick on the exterior of the air riser vent is expected to follow. The DTE gas line in front of the Ragland Building was shifted over to accommodate the new canopy footings in front of the building and the area has now been backfilled.



Main Canopy Storm Drain Lines



Ragland canopy footing installation

WASTEWATER OPERATING SERVICES (Continued)

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

The project has reached substantial completion, and the contractor is working on the punch list items.



Exterior of new satellite warehouse building



Interior of New Satellite Warehouse Building



Trailer area



Raingarden Area

CIP 277001, Contract No. 1902908 - Outfall Cleanout & Misc. Improvements - Design Build (DB)

The contractor has completed the vast majority of the original contract work. However, during the latter stages of the outfall inspection, damage and corrosion to the Baby Creek Outfall Backwater Gate Hatches were found and required additional repairs. These hatches are embedded within the surface of Miller Road and as such will require permitting and asphalt repairs. Due to the length of time required to perform the additional repairs, a change order was submitted to extend the length of the contract.

Non-CIP Construction:

Contract No. 2400626 Task J2-42 – Incineration Complex II Building Hoist Improvements

Floor hatch installation is complete on the first floor. Installation of the structural steel, hoist, fall protection platform and system are complete on the fifth floor. The Motor Control Center buckets installation is complete. The Contractor submitted a facility access request to start the installation of siding panel starting and a notice for potential delay for the delivery of doors that will be installed on the fifth floor.

Contract No. 2100330-1 Task J2-22A - Demolition of the Brick Storage Building

The cut and cap of the 2-inch water service origin have been completed. The city of Detroit approved the permit appeal to leave the foundation piles in place on September 29, 2025. Site backfilling, subgrade and base preparation, and concrete pavement placement are scheduled to soon, in addition to the parking area restoration.

WASTEWATER OPERATING SERVICES (continued)

Contract No. 2100330-6 Task J2-09 - Replacement of Electrical Substation Electrical Building (EB)-17

The permanent power setup, including the installation of supports and conduits is complete. The permanent power cable has been released, and the breakers have been delivered. Transformer oil draining will occur soon, followed by the full demolition of the EB-17 gear. Once the permanent cable arrives, cable pulling, breaker installation, and the power cutover will be executed.

Contract No. 4000696 Task 37T - WRRF and CSO Process Cameras

The 90% design is progressing with issue for bid drawings targeted for completion by the end of December 2025.

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

Sewage Pumping Stations (SPS)

Two new team members, *Stephan Teasley* and *Charles Wilson*, joined the SPS team this month. They will be supporting the team as Maintenance Technicians performing repairs and required routine preventive and predictive maintenance on essential equipment. Welcome to the team, Stephan and Charles!

The SPS team recently completed the Pump Vacuum Priming Level Switch System Testing at Conner Creek SPS. This testing is to make sure the priming system at each SPS properly dictates when we can prime the pumps and start pumping stormwater based on indicated levels. To run pumps, they must first be primed. Priming the pumps is crucial to remove air and fill the pump and suction line with fluid, allowing it to create the necessary pressure for operation and prevent damage from running dry. The new instruments better inform operators of the priming system's readiness for wet weather events. To conduct the testing, the team first added water into the system, then siphoned it into the pump. From there, they were able to monitor the levels to ensure the priming system was working correctly. The installation of the new system improves our storm system readiness and reliability.



The new priming system at Conner Creek SPS

WASTEWATER OPERATING SERVICES (continued)

Conveyance

This month, the Conveyance Team completed work on a few important projects. The first, the Detroit River Interceptor Reach No. 1, which is part of the larger DB-226 DRI project, focused on performing repairs in the DRI from Alter Road to the Fairview SPS. Moving forward, the work for the DB-226 project will continue as planned.

Additionally, the Conveyance Team and Lakeshore Global Corporation (LGC) completed the warranty work and repairs for the NWI. This work took place from Eight Mile Road to McNichols Road, McNichols Road to Lahser Gate, Lahser Gate to Tireman Avenue. Now that work is complete, the NWI can resume its daily flow.



LGC and Conveyance Team Members during the NWI warranty work

The Conveyance Team continues to provide ongoing support for the Linear System Integrity Program, working alongside the Enterprise Asset Management Team. This project aims to implement a program regarding how GLWA sewers are inspected, the approach for repairs and maintenance, as well as improvements to be made. Once complete, this process can be standardized to increase efficiency for sewer inspections.

Combined Sewer Overflow (CSO)

The Conner Creek CSO Facility has been undergoing Contract 2103688, a CIP project to improve the facility's influent chamber. To date, the team has removed all sludge and now they are moving on to the construction phase of the project. This project will help enhance operations and likely reduce the chemical need to treat combined sewer during CSO events, thus saving on operational costs.

The CSO Team has continued testing XpertEye headsets, a technology that allows the user to participate in a video conference call with anyone from any location. The testing period continued with positive results and will move forward with training additional team members. The goal for this is to get team members acquainted with the headsets, which allows any team member with a question, the ability to use the headset and receive real-time feedback from Team Leaders and Managers.

WATER OPERATIONS AND FIELD SERVICES

Springwells Water Treatment Plant

Upgraded Equipment

The breakers for pumps are being upgraded to remote control, providing significant benefits to both operations and safety. Under the current system, Water Technicians are required to wear an arc flash suit when operating breakers. This protective gear, while necessary, is hot, bulky, and requires considerable physical effort to perform the task. With the new system, the breakers will be housed in a secure environment. Water Technicians will no longer need to enter the cabinets or manually align equipment. Instead, they will operate the breakers remotely from a safe distance. All alignment and switching functions will be performed automatically, allowing technicians to observe and verify operations without direct exposure to electrical hazards. This upgrade improves both safety and efficiency and eliminates the need for arc flash suit use during breaker operations, reduces risk of electrical exposure and streamlines the process, as well as reduces physical strain and the time required to complete tasks. Overall, the new remote-controlled system represents a modernized approach that makes the Water Technician's job safer, more efficient, and less physically demanding.



*New breaker equipment at Springwells
Water Treatment Plant*

Water Quality

Cross Training

Chemist Darius Sanders participated in a ride along with William Ballard, Water Quality Investigator. The purpose of this assignment was to observe and support an investigation involving a contractor prior to sampling. The process began with identifying the feed water source, which may be obtained through a hydrant or a jumper hose connected to an existing main. The next step was to verify the service connection. The example shown illustrates a riser which typically supplies water to larger facilities such as apartments and office buildings. Following verification, the team checked the chlorine residual level to ensure compliance with the required standard of 1 part per million. The procedure concluded with the initiation of two consecutive days of sampling, as mandated by the State of Michigan.

WATER OPERATIONS AND FIELD SERVICES (continued)

This ride-along provided Chemist Darius Sanders with valuable first-hand exposure to the field investigation and sampling process.



William Ballard, Darius Sanders and Nathan Taylor

Water Maintenance

The Maintenance team has successfully completed the removal of High Lift Pump No. 10 impeller as part of ongoing efforts to ensure reliable system performance. The impeller has been carefully prepared and is being sent to Kennedy Industries for necessary repairs and refurbishment.

This task required precise coordination, safe lifting practices, and attention to detail due to the size and weight of the impeller. The removal was completed without incident and in alignment with safety protocols.



Removal of High Lift Pump No. 10 impeller

Water Transmission

Current Emergencies and/or Urgent Items

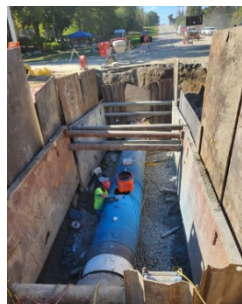
A 42-inch transmission main broke on West 14 Mile Road at Kingswood Boulevard. The Maintenance and Repair team has successfully isolated the water main so that repairs can begin. The emergency contractor Lakeshore Global is mobilized on site, the contractor has removed the broken section of water main and installed 28 feet of new 42-inch water main.

WATER OPERATIONS AND FIELD SERVICES (continued)

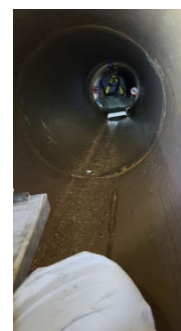
The contractor is currently back filling the break area around the new pipe, removing and installing a new 36-inch valve on 14 Mile Road west of Novi/Decker Road that was found to be broken during isolation efforts. Maintenance and Repair teams continue to work and make any necessary repairs on appurtenances and valves on 14 Mile Road, along with assisting GLWA's consultant HDR with inspection of the isolated water main.



Broken 42-inch water main on 14 Mile Road in City of Novi

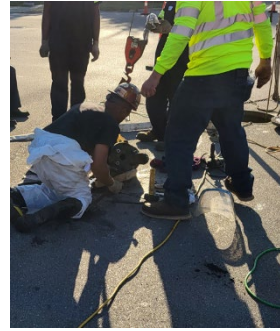
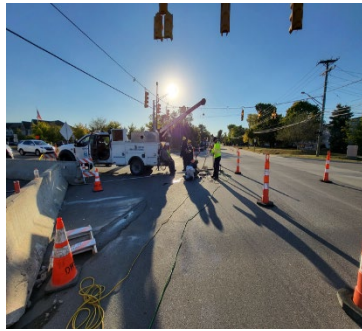


Installing new 42-inch steel water main



New 42-inch partially backfilled and inspection of existing 42-inch water main

WATER OPERATIONS AND FIELD SERVICES (continued)



Repairing leaking 16-inch gate valve on 14 Mile Road and Decker Road

The Water Transmission team had their quarterly safety meeting, and the topics were Lockout Tagout and GLWA's vehicle policy with a focus on speeding and seat belts.



Safety Coordinator Kevin Walsh demonstrating proper ways to use various Lockout Tagout equipment to the Water Transmission Group

Maintenance and Repair Team

The Maintenance and Repair team worked on confirming the valve positions and repairing leaks on valves, investigating transmission main leaks, and checking structures throughout the transmission main system:

1. Continued inspecting and confirming position of multiple valves within the City of Detroit as part of the 54-inch field testing that supplies the Water Resource Recovery Facility. The crew has nearly completed inspecting and verifying 47 valves associated with this field testing.
2. Investigated a leak at Chalmers Street and Harper Avenue in the City of Detroit.
3. Prepared Ypsilanti Community Utilities Authority meter pit YT-01 for isolation for the meter operations team.
4. Reintroduced additional chlorine and began the process of returning approximately 6.5 miles of 48-inch water main into service along Seven Mile Road and Nevada Street in the City of Detroit. GLWA team members are stationed at multiple points monitoring this process 24 hours until the water main has passed all water quality tests.
5. Investigated broken valve at Temple Street and Vermont Street in the City of Detroit.

WATER OPERATIONS AND FIELD SERVICES (continued)



Field Service Technician Caleb Ogunnupe obtaining access to valve associated to Water Resource Recovery Facility field testing



Chlorine introduction point and final access hatch installation of 7 Mile Road and Nevada Street water main



Investigating leak at Harper Avenue and Chalmers Street in City of Detroit

Research, Innovation & Transformation

Research – Disinfection Pilot

The Research and Innovation team is making steady progress to start up a disinfection pilot study funded by the Water Research Foundation. This project will test the efficacy of novel disinfectants, peracetic acid (PAA) and performic acid (PFA), in terms of viral, bacterial, and protozoan inactivation against sodium hypochlorite, which is currently used at the Water Resource Recovery Facility.

WATER OPERATIONS AND FIELD SERVICES (continued)

The pilot disinfection will assess the impacts of these disinfectants on wastewater characteristics and compare their disinfection byproduct formation.

Innovation – Successful development of technology advanced detection of harmful algal blooms

Real-time monitoring of phytoplankton in freshwater systems is critical for early detection of harmful algal blooms to enable efficient response by water management agencies. GLWA's research team has been collaborating with Georgia Tech to help develop an image processing pipeline system that would use “off the shelf” equipment to take high-resolution pictures of water sources and identify the presence of phytoplankton growth.

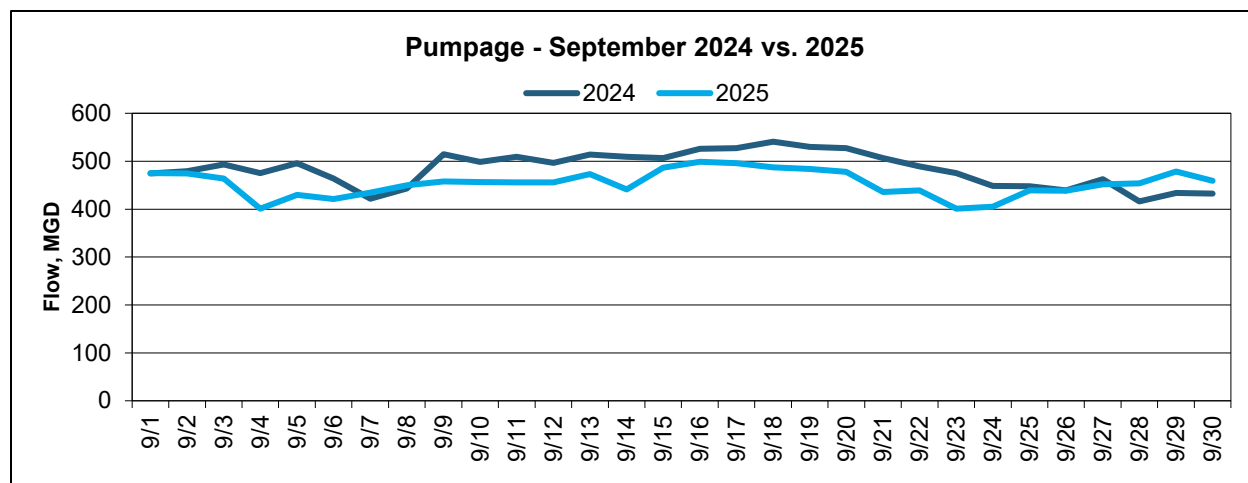
The system, called ARTiMiS, is a low-cost automated flow-imaging device, for real-time algal monitoring in natural freshwater systems. The research has been very successful, and the team recently had a paper “*Integrating Machine Learning with Flow-Imaging Microscopy for Automated Monitoring of Algal Blooms*” submitted and published in Environmental Science and Technology. The paper can be view by clicking the following link: [Integrating Machine Learning with Flow-Imaging Microscopy for Automated Monitoring of Algal Blooms](#).

Citation:

Farhan Khan, Benjamin Gincley, Andrea Busch, Dienne L. Tolofari, John W. Norton Jr., Emily Varga, R. Michael McKay, Miguel Fuentes-Cabrera, Tad Slawewski, and Ameet J. Pinto. (2025). *Integrating Machine Learning with Flow-Imaging Microscopy for Automated Monitoring of Algal Blooms*. Environmental Science & Technology 2025 59 (37), 19885-19898. DOI: 10.1021/acs.est.5c06078

Systems Control Center

There was a 6% decrease in the September 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 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 is anticipated to receive Final Completion status by October 2025.

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. Contract close-out request was submitted in August 2025.

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 December of 2025.

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

Project Manager: Corey Brecht

This contract provides engineering and construction assistance services for the entire 96-inch Water Transmission Main Relocation Project (Phase 1-3). The consultant will be assisting GLWA in Phase 3 design review activities and construction oversight.

CIP No. 122004 (Requisition No. 2401015) Design Build of 96-Inch Water Transmission Main Relocation- Phase 3

Project Manager: Corey Brecht

This phase of the 96-inch relocation was awarded by the GLWA Board in April of 2025 and notice to proceed was issued to the contractor on June 27, 2025. The scope of this project phase includes final design and construction of the pipeline alignment, connections, line stop, temporary booster pump station, isolation valves, and pipeline appurtenances. Project final completion is scheduled for December 31, 2028.

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

Project Manager: Eric Kramp

This project provides engineering services to address long-standing issues with the switchgear, low lift, high lift, and corrosion control systems at the Lake Huron Water Treatment Plant. The consultant has submitted a revised 90% design package for the switchgear and low lift pumping improvements, which is sufficiently complete to proceed to final, biddable documents. A construction contract for this portion is expected to be bid within the next fiscal year.

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 are evaluating this project to consider where cost reductions may be implemented.

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

Project Manager: Eric Kramp

This is a progressive design-build project aimed at addressing outdated and failing programmable logic controllers and controls throughout the plant, with particular emphasis on the filter building. There are two phases with this project. Phase 1 consists of evaluating and validating GLWA's understanding of what work is necessary and then designing a complete set of construction documents. This phase has been completed. Phase 2 is the construction phase of the work designed in Phase 1. The GLWA Board awarded Phase 2 of this project in July 2025. Work on this phase of the project is expected to start in the fall of 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. 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.

WATER OPERATIONS AND FIELD SERVICES (continued)

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. Project is scheduled for completion by the end of the fall 2025.

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 by the end of 2025.

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

Project Manager: Erich Klun

This project replaces the existing horizontal paddle wheel flocculators in the four basins of the 1958 treatment plant and adds continuous turbidity monitoring of its settled water. Basins No. 5 and No. 6 are currently halfway through a 90-day performance. Once Basins No. 5 and No. 6 are accepted by GLWA, flocculators for Basins No.7 and No. 8 will be released for fabrication for planned installation in 2026.

WATER OPERATIONS AND FIELD SERVICES (continued)

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

Project Manager: Erich Klun

Project scope includes the rehabilitation and right-sizing of the plant filtration capacity. Included in the rehabilitation is the replacement of existing filter media, wash water troughs, filter control valves, media surface wash water and wash water improvements, and complete replacement and modernization of the filter control system. Project is being executed under a design-build contract arrangement. The project has been awarded and was approved by the Board. The Notice to Proceed is anticipated to be issued by the end of October 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

Project is in construction phase. Work within the Pennsylvania Tunnel and Northeast Tunnel is complete. Work within the Springwells Raw Water Tunnel has resumed for this season. The contractor, Ballard Marine Construction, has successfully reinstalled the Ballard Underwater Ring Transporter in the Springwells Raw Water tunnel and has started installation of the stainless-steel liner plates. The final season of work is scheduled for October 2025 through April 2026.

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

Project Manager: Vittoria Veltri

Project is in the construction phase. The project involves complete replacement of yard piping, valves, and venturi meters for the piping system on the discharge of the Water Works Park High Lift Station. The eastern yard piping is completed, and Venturi Meters No. 5 and No. 6 have been tested and put into service. The western yard piping is 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

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.

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.

WATER OPERATIONS AND FIELD SERVICES (continued)

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. The 100% Design deliverables are scheduled to be delivered on November 3, 2025, as scheduled. In preparation for the final deliverables due on December 10, 2025, a Request for Bid (package) is currently in progress and will be uploaded into NEXGEN. In parallel to these activities, approval from EGLE and other stakeholders is in progress and GLWA's Office of General Counsel will notify the tenant to vacate the house on site.

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

Project Manager: Vittoria Hogue

Project involves removing and replacing flight and chain equipment in three of the four sedimentation basins at Southwest Water Treatment Plant. Equipment will be removed in Basin No.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. Project is in a delay period waiting on the sludge removal contractors to be able to finish their work at Springwells Water Treatment Plant and begin work removing sludge from the remaining basins to be worked on at Southwest Water Treatment Plant.

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

Project Manager: Vittoria Hogue

The 100% design for this project is completed. Project involves installation of a looped main in the downriver area along Inkster Road, between Wick Road and Pennsylvania Road, to maintain service in the event of a break along the existing water mains. This project also includes demolition of Electric Avenue Pump Station reservoirs, and upgrades to the various meter pits. Project is expected to have construction start by summer of 2026.

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

Project Manager: Brian VanHall

The project is nearing the end of the construction phase. Project involves new reservoir pumping facility as well as new reservoirs and improvements to various existing yard valves. Startup and training have begun. The testing of new facilities and equipment was completed successfully and was turned over to Systems Control Center for operational control. Demolition of existing reservoirs has been completed, and the project is now substantially complete. Pavement and site restoration are completed. The project will reach final completion by end of October 2025.

OFFICE OF SYSTEM RESILIENCY (OSR)

Joint Task Force to Investigate Increased Member Partner Water Main Breaks

The 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 in 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. 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. The consulting firm 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 is developing an analysis of root causes with recommendations to address this increase in water main breaks.

Detroit River Interceptor Rehabilitation

At the Fox Creek Regulator Structure, the newly installed HOBAS pipe in the low flow conduit is ready to accept flows once the final wall sawcuts are completed. Crews are also advancing excavation of the slipline shaft for the high flow conduit.



Tom Hall and Mini Panicker in the Newly Installed HOBAS Pipe at Fox Creek

Warranty repairs in Reach 1 which needed to align with Freud Pump Station flow control are now complete. Reach 3C work has been delayed and now projected to start in February 2026. No work upstream of Reach 3C is pending other than the warranty inspections and repairs.

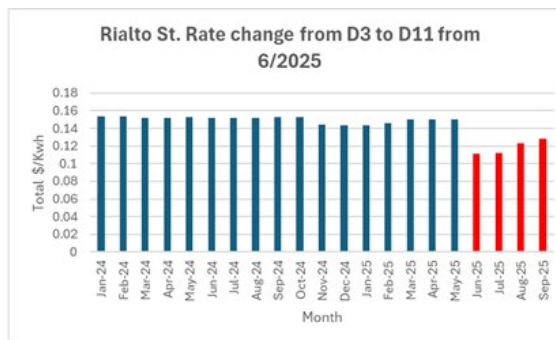
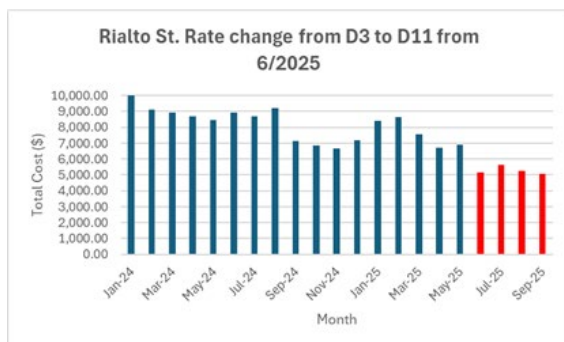
OFFICE OF SYSTEM RESILIENCY (OSR) (continued)

Warranty inspections and repairs for Reaches 2A, 2, 3A, and 3B will be performed in February 2026, one year after the completion date. GLWA received a \$2 million FY22 Community Grant for some of the work completed in Reaches 3A and 3B. Final performance report is being prepared to submit to EPA for the grant close-out.

Energy Management

OSR Energy performed energy efficiency awareness presentations to the remaining three significant energy-use facilities. A total of six facility-specific awareness presentations were completed to date. The audience was the five water treatment plants' teams, Systems Control Center team members, and Water Resource Recovery Facility staff. Presentations included electric utility bill analysis for each facility, general tips for reducing electric utility's peak demand, maximum demand and consumption, and the resulting effects on GLWA's electric cost, the need to be energy efficient to reduce waste etc. A large water utility bill that GLWA receives was also included in the presentations for awareness. The awareness presentations were well received and will be repeated bi-annually.

After the Rate Study, GLWA switched the rate structure for Rialto Warehouse from D3 to D11 effective beginning June 2025. This brought down the unit rate from \$0.15/KWh to \$0.11/KWh with an anticipated energy cost reduction of nearly 30% for the facility.



North Service Center VFD #10 replacement paperwork was approved by DTE for energy efficiency incentives, and we anticipate a check for \$236,000 in the near future.

The facility lighting survey for the Light-Emitting Diode (LED) upgrades at Water and Wastewater pumping stations contract, SCN-0000631, has been completed. GLWA is awaiting the final study report conclusions and recommendations to determine the best LED lighting upgrade path for each facility.

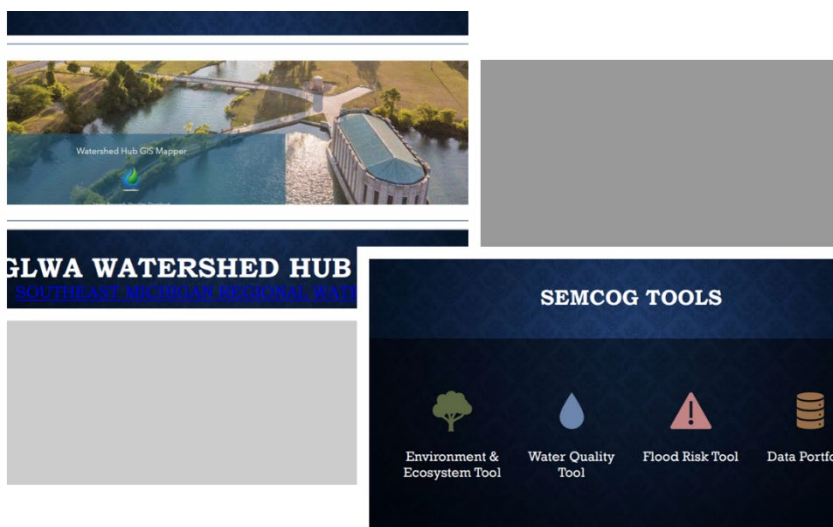
OFFICE OF SYSTEM RESILIENCY (OSR) (continued)

Flood Resiliency Study

The U.S. Army Corps of Engineers (USACE) held a virtual project update for congressional members on September 29, 2025. The public meeting, originally scheduled for October 2, 2025, was postponed due to the Federal government shutdown and subsequent guidance directing USACE to suspend all public outreach events and speaking engagements. A new date for the meeting has not yet been determined.

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 September 24, 2025, GLWA hosted the second Resiliency Projects Workgroup Meeting, bringing together more than 30 professionals involved in resiliency-focused initiatives across the region. The session provided an opportunity for project managers to explore available tools and resources that support their work. Discussions featured an in-depth look at the SEMCOG Flooding Task Force, part of the Regional Flooding and Infrastructure Resilience Planning Project, as well as updates on the USACE and GLWA Regional Flooding and Infrastructure Resiliency Study.



INFORMATION TECHNOLOGY (IT)

Many of the IT leadership team members attended the 45th Michigan Government Management Information Sciences fall conference in September. At the conference, they learned about current opportunities and challenges in the areas of cybersecurity, artificial intelligence, organizational change management, and many others. Jeff Small, Chief Information Officer, moderated a panel session on hybrid workforces within Information Technology groups. Jeff also moderated a session on organizational change management for the inevitable changes that come with new technology and related processes. Lynn Herrick, Deputy Chief Information Officer, participated in that panel answering questions related to how GLWA approached changes from our recent major system implementations.

INFORMATION TECHNOLOGY (continued)

Bryon Wood, Strategic Technology Officer, presented on “Cross-Functional Collaboration and Decision Making for Enterprise Implementations” related to GLWA’s recent large complex system implementations. In addition, Liz Phillips, IT Manager – Service Delivery co-presented on implementing mobile device management platforms and related lessons learned. Lastly, Kalpana Yendluri, IT Director – Emerging Technology, presented on Artificial Intelligence Policy creation and shared tips for attending organizations in creating their own similar policies.

IT Security

In the past month, the IT Security team has proactively blocked or thwarted 66,864 spam messages, 7,773 spoofed messages and 76 viruses. Additionally, 24,967 phishing attempts have been caught, and 9,357 malware attempts have been blocked.

IT Business Productivity Systems

The IT Business Productivity Systems team, in conjunction with the Organizational Development group, completed the Total Rewards Statement configuration in Workday. The Total Rewards Statement generated for each team member’s reference is a summary of not only their base pay, but also all GLWA paid benefit contributions, depicting a full compensation picture for them.

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 GLWA’s Project Management Information System (PMIS), Kahua. In September, the Project Management Team completed a significant project milestone by finishing the data migration and integration requirements for Phase 1 (CIP planning). Application configuration, initial data migration and integration development based on the requirements are underway for the Phase 1 implementation.

IT Customer Service Delivery

The IT Customer Service Delivery team, in collaboration with the IT Security, IT Infrastructure and IT Project Management teams, completed the Microsoft Intune Mobile Device Management for Personal Computers project. Intune is a cloud-based service supporting digital security by enabling IT to manage and secure how GLWA laptops, tablets, desktops, and All-in-One devices are configured and used. It supports iOS, Android, Windows, and Macs, which makes it a versatile solution. This platform also enables IT administrators to enforce security and compliance policies, deploy applications, and remotely manage device features thereby enhancing our cyber security posture.

INFORMATION TECHNOLOGY (continued)

IT Project Management Office (PMO)

Currently, the IT PMO is managing 18 active projects and is processing six project requests. The PMO is also assisting with 24 initiatives.

PUBLIC AFFAIRS

Public Affairs Provides Regular Cadence of Communications During 42-Inch Main Break to Help Ensure Transparency

The Public Affairs team worked in partnership with Water Operations to develop and share a regular cadence of communications related to the 42-inch water transmission main break on 14 Mile in Oakland County. These updates were shared via news releases, social media posts and website postings. Overall media coverage has remained neutral, which is desired during these events, which are particularly trying for those directly impacted.

Celebrating Community and Water Stewardship at Our Team Member and Family Open House and WRRF Plant Tour!

On Saturday, September 20, the Public Affairs team hosted GLWA's Annual Team Member Family Open House, and WRRF Plant Tour, creating an unforgettable experience for all involved (especially with our first focus on wastewater!). With over 200 attendees and the invaluable assistance of more than 70 dedicated volunteers, this year's event was a celebration of our community and the essential work we do at GLWA. We explored our wastewater system, enjoyed lively DJ tunes, face painting, and competed in games and so much more!

A highlight of the day was the premiere of our "Flush to Finish" video, which provided an insightful overview of the wastewater process, preparing tour participants for their shuttle journey. We are incredibly grateful for the enthusiasm and support demonstrated by everyone involved, and we look forward to future opportunities to connect with team members and continue to share our collective passion and dedication for water stewardship.



GLWA mascot, Splash, enjoying time with our team members and their families

PUBLIC AFFAIRS (continued)

Creative Services Manager Shares his Experience as GLWA's Award Winning Filmmaker to Help Others Learn the Art of Storytelling

GLWA's three-time Emmy Award winning Creative Services Manager, Curtis Burris-White captivated more than 300 attendees as a keynote speaker for the Muse Story First Summit in Austin, Texas. Drawing on his extensive experience leading innovative projects at GLWA, Curtis delivered a presentation titled, "Showing Up Different." He explained the importance of harnessing one's unique voice and perspectives in filmmaking, emphasizing the transformative power that comes from sharing authentic stories. The summit was also attended by Jason Matthews and Brett McDonald from our Public Affairs Group, who took away many tips for sharpening their storytelling skills.

SECURITY AND INTEGRITY

The Hazmat Unit coordinated and completed a total of 299 hours of training during the month and also completed 569 total training hours for the Security and Integrity group for the month of September.

The group's Emergency Preparedness team attended a monthly meeting with the Homeland Security Advisory Council and the Downtown Detroit Partnership along with the Detroit Police Department. The group also attended a meeting with the Bridgeport Consulting team to conduct a review of the 54-inch watermain break using the Incident Command System.

Security and Integrity also met with GLWA's plant manager and the team at Lake Huron Water Treatment Plant to plan for an upcoming all hazard tabletop exercise.

ORGANIZATIONAL DEVELOPMENT (OD)

Performance Team

Performance

The Professional Development Certification Program enrollment period for designated job classifications opened on Monday, September 29, 2025, and closed on Monday, October 13, 2025. This program provides an annual stipend for team members who have obtained and maintained their required certifications from the Michigan Department of Environment, Great Lakes, and Energy (EGLE).

The Young Professionals' Employee Group hosted Organization Development (OD) Director Patricia Butler and Recruiting Manager Valerie Jefferson on Friday, September 12, 2025. They discussed GLWA's career development programs, including performance management, progression, and promotions.

ORGANIZATIONAL DEVELOPMENT (continued)

Outreach and Events

WDIV Television Interview

In celebration of Workforce Development month, WDIV reporter Jay Scott Smith interviewed former apprentice and current team leader, Yolanda Presley, Instrumentation Apprentice, Cameron Turner, and OD Director, Patricia Butler. The interview was broadcast on September 15, 2025, on the 6:00 p.m. news during the TradeUp segment. [Click here.](#)

Human Resources Roundtable (HR)

On September 25, 2025, OD hosted the third HR Roundtable on Employer-Led Collaboratives using the Talent Pipeline Management® (TPM) model. This event brought together human resources professionals and member partners to exchange resources aimed at supporting our community and enhancing our talent pool. Guest presenters included workforce development partners Focus: HOPE, Detroit Employment Solutions Corporation, and Southeast Michigan Community Alliance.

Talent Pipeline Management® National Learning Network (NLN) Summit

Adino “Dee” May represented GLWA at the TPM National Learning Network Summit, held at the U.S. Chamber of Commerce Foundation (The Foundation) in Washington, D.C., where workforce leaders from across the country gathered to advance a shared goal: closing America’s skills gaps and strengthening pathways to opportunity. Adino was one of three panelists featured to discuss the successful partnership with Focus: HOPE (FH) and the State of Michigan that produced over 100 apprentice candidates and 36 GLWA apprentice graduates to date. FH’s Workforce Development Director, Tiffany Graydon, and Labor and Economic Opportunity’s (LEO) Division Administrator, Industry Engagement, Deb Lyzenga, participated on the panel.



TPM NLN Summit: Adino May - GLWA, Kevin Green - FH, Deb Lyzenga - LEO, Tiffany Graydon - FH

ORGANIZATIONAL DEVELOPMENT (continued)

Before the panel, the Foundation shared a video with highlights from LEO's interview with OD Director, Patricia Butler on the value of apprenticeships, community partnerships, and utilizing the TPM strategy. Several GLWA apprentices and team leaders were shown in the background, working at Water Works Park.

LaRico Andres, Plant Engineer at the Springwells Water Treatment Plant Facility, participated as a "TPMx" (similar to "Technology, Entertainment, Design" Talk) speaker. The Foundation invited Larico to share his inspiring journey from GED to GLWA apprenticeship to PhD candidate.



*TPM NLN Summit: LaRico Andres –
GLWA Plant Engineer*

Water Environment Federation Technical Exhibition and Conference (WEFTEC)

Patricia Butler, OD Director (photo shown right), represented GLWA at WEFTEC held in Chicago, Illinois. Patricia spoke on the following topics:

- Building a Future-Ready Workforce: A Case Study for Apprenticeships and,
- Navigating the New Normal: Embracing Continuous Organizational Change with co-presenter and co-author, Lynn Herrick, Deputy Chief Information Officer. (photo shown right),



WEFTEC 2025: Patricia Butler and Lynn Herrick

Each presentation required the submission of a technical paper. The apprenticeship technical paper was co-authored with Adino May, GLWA Management Professional.

ORGANIZATIONAL DEVELOPMENT (continued)

Training

During September, 46 instructor-led training courses were delivered to 227 GLWA team members, totaling 335.5 instructor-led training hours. In addition, 69 online self-paced training courses (e.g., KnowBe4 and 360Water) were completed, totaling 49.5 self-paced training hours.

Benefits and Wellness

44th Annual Symposium

The U.S. and Canadian Education committees of the International Society of Certified Employee Benefits selected Sherrian Greenwood to present GLWA's case study on "Enhancing Mental Health Engagement for Men" at their 44th Annual Symposium, September 17, 2025, in Minneapolis, Minnesota. GLWA's 40% increase in mental health engagement was highlighted.



*Sherrian Greenwood, Manager - Organizational Wellness and
Lesley Williams, Professional Administrative Analyst,
After presenting the GLWA Case Study on mental health
engagement*

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

- Meditation
- Virtual Well-being
- Men's Health
- Retirement plan education
- Exact Meds webinar

ORGANIZATIONAL DEVELOPMENT (continued)

- October Walking Challenge Kickoff
- Open Enrollment Presentation
- Book Club

Financial Well-being

Retirement Planning Education Series

The Southwest Water Plant hosted on-site one-on-one consultations on September 9, 2025 for team members, who reviewed retirement goals and their portfolio performance. The same day, the team hosted an on-site Lunch and Learn education seminar for team members at the Central Services Facility as well. On September 8, 2025, team members met virtually to learn how they can maximize their retirement.

Mental Well-being

GLWA Men's Health Initiative



GLWA Men's Health Initiative: Self-Driven: Owning Your Professional Development Journey at CSF

For the 3rd quarter of 2025, the Men's Health Initiative welcomed two speakers to come and present their personal experiences. On the water operations side, Jeffrey Dorsey talked about the path that he walked to reach the position he is in now. He provided the group detailed information of his time as an apprentice starting at Detroit Water and Sewerage Department, the struggles gaining his certifications through exams, the pressure he felt gaining leadership positions, the transition of working out of state while still living in Michigan, and finally returning to Michigan to start working for Great Lakes Water Authority coming to the present day of his position as Director of Water Maintenance. On the wastewater side, we welcomed Doug Featherstone of MissionSquare, to share his basics of investing. Doug began by running through all the retirement benefits that team members have while working for Great Lakes Water Authority, while also providing the men with various tips on what to look out for, the best age to retire, and updated requirements posted by the state. Doug also gave the men resources they can refer to as they consider what to invest their retirement funds into to build towards their retirement and alongside their retirement days.

ORGANIZATIONAL DEVELOPMENT (continued)

Talent Management

Staffing

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

Number of New Hires	8
Number of Separations	9
Total Staffing - Regular FTEs (YTD)	1100
Total Staffing – Part-Time (YTD)	16

FINANCIAL SERVICES AREA

September 26, 2025, Audit Committee Recap

The September regular monthly Audit Committee meeting was held on September 26, 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:

- ✓ CFO Report
- ✓ Grants, Gifts, and Other Resources Report through August 31, 2025
- ✓ Max Day - Peak Hour Annual Report 2025
- ✓ Qualified Financial Institutions
- ✓ The Procurement Pipeline for September 2025

The following item was unanimously recommended to the Board of Directors for action:

- ✓ Proposed appointment of Investment Advisor

FINANCIAL SERVICES AREA (continued)

Affordability & Assistance Update



*Nicolette Bateson,
CFO /Treasurer,
presents at the
AWWA Michigan
Section Annual*

On September 12, 2025, Chief Financial Officer and Treasurer, Nicolette Bateson along with Haran Stanley, the Affordability and Assistance Manager, presented at the American Water Works Association (AWWA) Michigan Section Annual Conference and Exhibition (ACE). The presentation, titled “Exploring Best Practices in the Management of Water Assistance Programs: A Case Study of the Great Lakes Water Authority’s Water Assistance Program,” provided a thorough exploration of the GLWA Water Residential Assistance Program’s (WRAP) history. The presentation illustrated how the COVID-19 pandemic underscored the importance of water affordability program access, provided an in-depth overview of the program’s status, and detailed the WRAP program’s positive impact across the service area.

Also, during the AWWA Michigan ACE, Haran Stanley, Chair of the Women on Water committee, led a group of nearly 30 women in an event focused on Mindfulness and Gratitude. The group was joined by special guest GLWA Organizational Development – Benefits and Wellness Manager, Sherrian Greenwood. The group was led in activities that encouraged relaxation through mindful breathing, as well as emotional and thought awareness.



*Haran Stanley hosts members of the Women on
Water group during the AWWA Michigan ACE*

Finally, on September 29, 2025, Haran Stanley attended the Michigan Environment, Great Lakes, and Energy 2025 Environmental Justice Conference. The focus this year was on air quality and energy justice although the importance of water was highlighted through a panel discussion on community involvement in water advocacy.

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

Charges Outreach & Modeling

On Thursday, September 18, 2025, the Charges Outreach and Modeling team coordinated in a special One Water Partnership workshop in Grosse Pointe Shores. GLWA’s charges consultants Jeff McGarvey and Kevin Burnett of Willdan Financial Services were on site for the rate-setting workshop focused on local retail rates. This provided an opportunity for member partners to ask questions, discuss scenarios and think locally about their own processes. Feedback from the event was overwhelmingly positive.

FINANCIAL SERVICES AREA (continued)



(Left) Jeff McGarvey, VP & Managing Principal; (Right) Kevin Burnett, Principal Consultant- Willdan Financial Services presenting at the rate-setting workshop for Member Partners

Also, Matt Lane, Charges Outreach and Modeling Manager continues his work as Communications Council Chair for the Michigan Section - American Water Works Association as the new co-host of the Michigan Section's podcast called [The Current](#).



Financial Reporting & Accounting



Sonya Beaver, Financial Services Payroll Manager

We would like to congratulate Sonya Beaver, Financial Services Payroll Manager, on earning her Workday Pro U.S. Payroll Certification. This achievement places her among a select group of Workday experts worldwide. Her certification allows her to join the Workday Pro Collaboration Group, where she can share ideas and learn new ways to use Workday effectively. This not only highlights Sonya's dedication and expertise but also shows her commitment to improving our organization.

Financial Planning & Analysis

For the seventh consecutive year, GLWA has been awarded the Distinguished Budget Presentation Award by the Government Finance Officers Association (GFOA) of the United States and Canada. This award represents a significant achievement by GLWA, reflecting the commitment of the governing body and staff to meeting the highest principles of government budgeting.

FINANCIAL SERVICES AREA (continued)

To receive the budget award, GLWA had to satisfy nationally recognized guidelines for effective budget presentation. These guidelines are designed to assess how well an entity's budget serves as:

- A policy document
- A financial plan
- An operations guide
- A communications device

Budget documents must be rated “proficient” in all four categories, and in the fourteen mandatory criteria within those categories, to receive the award.

In addition to receiving the award, GLWA's budget document received special recognition for Strategic Goals & Strategies. Special recognition is given when all reviewers of the document give the highest possible score in particular categories.

There are over 1,900 participants in the Budget Awards Program. The most recent Budget Award Recipients, along with their corresponding budget documents, are posted quarterly on GFOA's website. Award recipients have pioneered efforts to improve the quality of budgeting and provide an excellent example for other governments throughout North America.

Many groups, areas and teams throughout GLWA contribute to the development of the budget document. Leading this effort are Cindy Cezat, David Slowik, Robert Arbaugh along with CFO Executive Assistant Phyllis Walsh and the entire Financial Planning and Analysis team. The *GLWA FY 2026 and FY 2027 Biennial Budget & Five-Year Financial Plan FY 2026 through FY 2030* can be found on the GLWA website <https://www.glwater.org/financials/>.

Procurement Update

Last month, GLWA hosted its 2025 Vendor Outreach Event at Macomb Community College in Warren, Michigan. Over 160 GLWA vendors attended the event.



GOVERNMENT FINANCE OFFICERS ASSOCIATION

Distinguished Budget Presentation Award

PRESENTED TO

**Great Lakes Water Authority
Michigan**

For the Fiscal Year Beginning

July 01, 2025

Christopher P. Morrell
Executive Director

FINANCIAL SERVICES AREA (continued)

Members of the GLWA Leadership Team, including William M. Wolfson, Deputy Chief Executive Officer, Nicolette Bateson, Chief Financial Officer and Treasurer, David W. Jones,



From left to right: Steven Vesschemoet, Dionna Wilson, Kimberley Ungerman, Vincent Genco, Daniel Edwards, Angela Stevenson, and Tina Clinkscales.

General Counsel, and Sonya Collins, Procurement Director delivered opening remarks which were followed by a two-part panel discussion detailed “The Life of a GLWA RFx.” The first session provided vendors with an in-depth overview of the solicitation cover, Business Inclusion and Diversity (B.I.D.) Program Requirements, Insurance and Bonding, and the

Project Scope (for construction). The second panel session provided vendors with information on specifications (for products/services), how to build a team of subcontractors, GLWA’s evaluation process, contract administration, the accounts payable process, and vendor performance assessment.

Attending Vendors also had the opportunity to visit Resource Tables throughout the event where they could speak one-on-one with representatives of the Detroit Water and Sewerage Department, GLWA’s Procurement, Accounts Payable, Affordability and Assistance, Business Inclusion & Diversity, Construction Accounting & Reporting, and Organizational Development.



GLWA values our relationship with the Vendor Community, and this event was a great opportunity to connect in person, to share new information about GLWA, and to hear and respond to the Vendor Community’s most important questions. Thank you again to all who attended, and we look forward to seeing you next year!

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

OFFICE OF THE GENERAL COUNSEL

Legislative Updates: The Office continues to monitor legislative activity. The OGC continues working with others to develop state stormwater utility legislation, and continuing discussions with members of the U.S. Congress, staffers, and various representatives of several regulatory agencies to discuss various GLWA projects and capital improvement plans.

OFFICE OF THE GENERAL COUNSEL (continued)

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. 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 are also appealing that decision. On January 7, 2025, the Court of Appeals heard oral arguments on the appeal. Despite GLWA's optimism that the trial court decision would be affirmed, on August 21, 2025, the Court of Appeals REVERSED and REMANDED the case back to the Circuit Court.

GLWA has decided to appeal the Court of Appeals decision to 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 ***Dubrulle 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 is due on or before November 13, 2025.

Negotiations with the City of Dearborn: GLWA team members met with Dearborn representatives on March 17, 2025, in response to the Dearborn Mayor's concerns regarding potential infrastructure failure in the City of Dearborn following the severe water main break in Southwest Detroit. During the month of August, David W. Jones, (GLWA General Counsel) and Jeremy Romer (Dearborn City Attorney) met and discussed the matter, and are continuing negotiations regarding the terms and specifics of the negotiations of a model contract. Jones and Romer have continued discussions, and Jones along with Jody Caldwell and CEO Coffey, have outlined GLWA's latest proposed deal points which was presented to Dearborn in September. General Counsel Jones and City Attorney Romer are scheduled to meet in October with the hopes of bringing the negotiations to a close.

OFFICE OF THE GENERAL COUNSEL (continued)

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 water 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.

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 is due on or before May 22, 2025. GLWA plans to vigorously defend this action. GLWA filed a Summary Disposition motion on May 22, 2025, as there is a good faith belief that the alleged claims are a restatement of the same "Tax Claims" from a previous case known as: *General Mills, et al vs GLWA*, which was disposed in 2023. No date has been set for hearing on the motion yet.

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 team member, 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 is October 27, 2025.

Ingalls vs GLWA: On July 25, 2025, Plaintiff Stuart Ingalls filed his In Pro Per complaint in Macomb County Circuit Court for damages he allegedly sustained to his home and personal property while GLWA worked on the 96-Inch Water Main Project. General Counsel expects to resolve this matter swiftly as it is believed that the allegations contained in the complaint are meritless. On September 5, 2025, GLWA and Ingalls entered a Settlement and Release.

OFFICE OF THE GENERAL COUNSEL (continued)

The terms of the Settlement called for the lawsuit's dismissal with prejudice, in exchange, Ingalls received modest compensation.

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: The GLWA 96-inch Water Transmission Main Stakeholder Advisory Committee Meeting is scheduled for October 21, 2025. GLWA continues negotiations with MDOT for Phase 3 easements. Coordination continues with local residents, businesses, institutions.

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

Environmental and Workplace Safety Compliance: On September 29, 2025, the Emerging Technology Council met. The Communication plan and Artificial Intelligence policy were discussed. 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.

NPDES Permit Negotiations: The GLWA/WRD Bimonthly meeting was September 11, 2025. OGC staff continues to negotiate the Permit terms, including the phosphorous parameters and CSO control program with EGLE/WRD.

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. Current IPP Permit negotiation meetings have been held with Marathon and Ford Motor Company.

OFFICE OF THE GENERAL COUNSEL (continued)

Real Estate: The Office is working to secure licenses, easements, and acquire properties related to various water and sewer projects including the Farmington Newburgh Facility Improvements and Adams Road Transmission Project. Each real estate transaction will be presented to the Board for approval when they are fully negotiated.

Member Outreach and Training: The Office continues to be an active participant in Member Outreach sessions. OGC participated in NACWA's 2025 Virtual Workshop: Unleashing the Power of Technology and AI to Meet Today's Clean Water Challenges on September 9th and 10th.

Main Relocations: The Office continues to support water operations in its discussions with community stakeholders regarding water main relocations. The 96-inch relocation project is proceeding, and coordination continues for the upcoming North Dequindre segment. A stakeholder outreach meeting is scheduled for October 21, 2025.

Civil Litigation and Arbitrations: The Office continues to vigorously defend all actions against GLWA. In October 2023, the Board authorized settlements of key litigation including a class action lawsuit regarding Industrial Waste Control charges. On June 3, 2025, this office received a Notice of Intent to sue regarding the 54-inch Water Main Transmission failure in Southwest Detroit.

While no Complaint has been filed in this proposed Class Action, Plaintiffs are alleging a "sewage disposal system event in an effort to avoid Governmental Immunity.

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

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

OFFICE OF THE GENERAL COUNSEL (continued)

Statistics:

<i>Contract Statistics beginning September 11, 2025 to October 8, 2025</i>	<i>#</i>
Contracts approved as to form:	33
Contracts drafted or revised:	120
<i>Subpoena Statistics beginning September 1, 2025 to September 30, 2025</i>	<i>#</i>
Subpoenas/Information requests received:	5
Subpoenas/Information responded to:	4

Respectfully submitted,


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

SRC/dlr
Attachment: September Procurement Pipeline

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

GLWA Procurement Team Structure

The GLWA Procurement Team manages activities involved in acquiring goods and services that support GLWA's mission and goals. The Procurement section is comprised of five key teams that work closely with each of the operating units within GLWA as well as the Vendor community.

1. **Strategic Sourcing.** This team is responsible for sourcing all the goods and services that GLWA requires and is strategically aligned by expertise to secure the best combination of cost, quality, and vendor qualifications in all procurements. Vendors actively pursuing open opportunities with GLWA interact directly with this team during the solicitation process as well as during the preparation and award of contracts and purchase orders.
2. **Contract Management.** This team administers contract changes and amendments as well as reviews certificate of insurance documents to ensure they are current and valid. This team also monitors the expiration of contracts and purchase orders to ensure continuity in the supply of goods and services.
3. **Administration.** This team is responsible for communicating procurement processes to help ensure both new and existing Vendors understand how to do business with GLWA. This includes vendor outreach, vendor performance assessments, reporting and system support.
4. **Business Inclusion and Diversity.** This team is responsible for managing GLWA's Business Inclusion and Diversity (B.I.D.) Program,

which applies to all GLWA solicitations budgeted at \$1 million or more.

5. **Logistics & Materials.** This team is responsible for managing how goods received from Vendors are inspected, stored, and maintained in GLWA warehouses. This includes inventory control, the inspection of supplies, and salvage and disposal operations.

Reminder: Register Now for GLWA's 2025 Vendor Outreach Event

GLWA's 2025 Vendor Outreach Event will be held at Macomb Community College in Warren on September 25, 2025. The event will begin at 7:30 a.m. and conclude at 12:00 p.m. and will feature updates from GLWA leadership as well as a tour through the life of a GLWA RFx (Request for Bid and Proposal). The full [event agenda](#) and [event registration](#) are available via the Whova application. We look forward to seeing you there!

Keeping up with GLWA

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

What's Coming Down the Pipe?

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

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

Visit GLWA online!

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

Upcoming Solicitations September 2025

Category	CIP #	Description/Project Title	Budget
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	\$4,408,622
Construction	122021	Grosse Pointe Woods & Harper Woods 24" Transmission Main	\$7,077,000
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
Wastewater Systems (next four to nine months)			
Construction	273001	Hubbell Southfield CSO Facility Improvements	\$56,100,000
Construction	211009	EB-20 Substation Replacement and Primary Area Gas Detection System Upgrade	\$4,400,000
Design	270009	Site improvements at Baby Creek, Belle Isle and St. Aubin CSO	\$1,389,999
Enterprise (next three months)			
N/A			
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 Bonfire)			
Construction	213006	WRRF Improvements to Sludge Feed Pumps at Dewatering Facilities	\$16,000,000
Professional Services	O&M	Dye Solution Testing and As-Needed Services	\$1,776,899
Professional Services	O&M	Crane Rental	\$853,125
Professional Services	O&M	Staffing Services	\$500,000
Professional Services	O&M	Refuse and Recycling Services	\$654,000
Professional Services/Supplies	O&M	Floor Covering	\$246,000
Construction	270006	CSO Facility Improvements II	\$18,901,448
Professional Services	O&M	System Control Center Support Services	\$4,935,840
Design	270007	CSO Facility Disinfection Improvements	\$2,063,930
Professional Services	O&M	Ash Hauling and Disposal	\$2,920,000
Professional Services	O&M	Crane Inspection Services	\$156,000
Construction	122016	Downriver Transmission Main Loop: Inkster Road 42" Main	\$54,900,000

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

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