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

June 25, 2025

The Honorable
Board of Directors
Great Lakes Water Authority

RE: CEO Report – June 25, 2025

Chairperson Miller and Directors,

As you may know, GLWA's Water Resource Recovery Facility (WRRF) is powered by three independent and separate electrical feeds from DTE Energy (DTE). Each feed is capable of fully powering WRRF, providing triple redundancy for the facility. Two of these feeds run through a single DTE substation, while the third is supplied via an ITC transmission feed through a completely separate substation. All three of the feeds connect to GLWA-owned transformers on WRRF's property.

On May 17, 2025, WRRF experienced an outage on transformer #2, which is supplied by one of DTE's two feeds. On June 2, 2025, WRRF experienced an outage from the second of DTE's two feeds. While DTE stated that the ITC transmission feed is considered highly reliable, with a low likelihood of failure, when the second DTE power failure occurred, out of an abundance of caution, DTE and GLWA immediately issued a joint statement advising the public of the power supply situation.

Since that time GLWA and DTE, as well as other key stakeholders, have worked diligently to address WRRF's power needs, and to develop contingent operational protocols to support the wastewater system while the situation is being addressed. Most significantly, DTE has assembled several industrial-sized mobile generators at WRRF which, if necessary, can supply power to the facility.

I am pleased to report that on Tuesday June 17, 2025, this equipment was successfully tested. With that important step completed, we look forward to continuing the cooperative process, as DTE effectively implements the long-term repairs necessary to reestablish its power feeds.

At today's meeting, Chief Financial Officer & Treasurer Nickie Bateson, reported on our most recent bond transaction. As a part of that process, we met with all three of the ratings agencies in May. I am pleased to inform you that as a result of those meetings which feature the continued hard work and dedication of everyone at GLWA, we have good news!

- ***Fitch Ratings has upgraded GLWA's sewer system senior lien debt rating by one notch from AA- to AA, and its second lien debt rating from A+ to AA- with a stable outlook.*** They also *affirmed* the water system's senior lien debt rating of A+ and second lien debt rating of A with a stable outlook;
- Moody's, for both the water and sewer systems, *affirmed* GLWA's senior lien debt rating of Aa3 and second lien debt rating of A1 with a stable outlook; and,

Standard & Poor's, for both the water and sewer systems, *affirmed* GLWA's senior lien debt rating of AA- and second lien debt rating of A+ with a stable outlook.

Highlights of today's report note that this transaction, which priced on June 17, 2025, provided new funding for the capital improvement program at favorable all-in rates of 4.83% for the Water System and 4.88% for the Sewer System – despite a challenging and sometimes volatile market. In addition, the tender and refunding components of this transaction resulted in significant future cash flow savings of $77.3 million ($33.7 million for the water system and $43.6 million for the sewer system of $43.6). These successful outcomes are critical to managing affordability. We truly appreciate the investor community's interest and participation in GLWA's bond offerings.

I want to thank Nickie Bateson, Bill Wolfson, Kim Garland, Nick Fedewa, Cindy Cezat, David Jones and Sandy Chen for their excellent work to support this process, which from rating agency visits to bond closing requires a high level of commitment and takes everyone's collaborative efforts to ensure it is successful.

Something else I am incredibly proud of is the new mural that is the centerpiece of the renovations currently underway on the main entrance of the WRRF. The mural is the result of a contest that we conducted with the Detroit Public Schools Community District over the last several months. The winning mural is called "Water Pride," and was created by Heidi Easthouse, an 11th grader at the Detroit International Academy for Young Women.

For me, projects like this serve two purposes – first they help us to be a good community partner. Second, as we work to build the next generation of water professionals, we have an incredible opportunity to connect with students, and let them know about the opportunities that exist for challenging careers in the public sector where they cannot only be a part of protecting the environment, but also the people of southeast Michigan.

You can read more details about the contest and all of the winners and participants on page 33.

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

First, I would be remiss if I did not acknowledge Cheryl Porter as she brings to conclusion her year as president of the American Water Works Association's Board of Directors. As you know, Cheryl was the first woman of color and the first African American to hold this prestigious position in the AWWA's 144-year history. Cheryl is a true trailblazer, and we are incredibly proud of her and her achievements! Cheryl's keynote at the AWWA's recent annual conference in Denver was truly memorable and inspiring.

Also, I would like to acknowledge Navid Mehram, Chief Operating Officer of Wastewater Operations for representing GLWA as the keynote speaker at the recent National Association of Clean Water Agencies Strategic Communications Conference, which was held in Detroit earlier this month. Navid shared his perspectives on how critical transparency and community outreach are to utilities in general, but especially during crisis.

Our Public Affairs Team has recently been recognized with two prestigious awards. First, at the American Water Works Association's annual conference in Denver this month, GLWA's TAP IN recruitment campaign received the Public Achievement in Communications Award.

Second, GLWA's "Freshwater to Drinking Water: A Splash Course in Water Treatment," an animated video that explains how our raw water becomes drinking water through the treatment process, won an Emmy Award in the Public Affairs Program category from the Michigan Chapter of the National Academy of Television Arts and Sciences. You can watch the video here. Way to go, Public Affairs!

PLANNING SERVICES

Capital Improvement Planning (CIP)

In May, the CIP group worked closely with the engineering groups to finalize project scoring and incorporate new projects into the FY 2027-2031 CIP development cycle. This collaboration included updating project information, reviewing project scoring, and gathering updates on project costs and schedules. These efforts lay the groundwork for the upcoming alignment phase in July; providing the best scenario options that align with the financial plan. (Refer to the Project Updates Score Card table below.)

To support this effort, project managers were also asked to review the current CIP projects and update the scoring for any that are new or are not yet under contract. This step is critical to ensure project scores reflect the most recent understanding of the project scope and to validate the project prioritization. Projects already under contract are typically excluded from rescoring.

PLANNING SERVICES (continued)

Project Updates Score Card

		Water	Wastewater
Total Number of Projects in CIP		80	70
Updates to Project Scoring	Number of Projects that Do Not Require Rescoring	26	42
	Number of Projects Eligible for Scoring	54	28
	Number of Project Scores Updated	1 (by 0.7)	0
	Number of Project Scores Reviewed	22 by PMs 32 by CIP	18 by PMs 10 by CIP
Updates to Project Information			
Updates to Project Overview	Updated	69	70
	No Change	11	0
Updates to Project Activity Phase	Updated	52	13
	No Change	28	57

The CIP group has not only laid a strong foundation for the next phase of CIP development, but has also reinforced a culture of continuous improvement in project planning and management. The group's proactive approach to updating project costs and schedules, and improved communications reflect a clear commitment to a strategic and streamlined development process for the FY 2027–2031 CIP.

In addition, the CIP Controls Team made significant progress in reviewing and providing feedback on Primavera P6 project schedules submitted by project managers. To date, they have reviewed 184 schedules across 48 construction contracts.

The CIP group is also actively collaborating with the Information Technology group through the development of GLWA's project management information system, Kahua. The focus has been on system integration meetings, workshops, and management meetings.

Topics covered include communication protocols, work breakdown structure, and file structure planning.

Finally, the CIP group welcomed two interns from Lawrence Technological University. Both have recently completed their Master's degrees in Construction Management. They are enthusiastic and eager to support the group's Controls, Assurances, and Planning teams.

The snapshot of the CIP group's May accomplishments reflects its momentum and commitment to continuous improvement. Through strong collaboration with Engineering, Finance, and Procurement—along with rigorous project evaluation and proactive planning—the team remains on track for the FY 2027–2031 CIP development, while also maintaining focused oversight on projects in FY 2025 and FY 2026.

PLANNING SERVICES (continued)

Enterprise Asset Management Group (EAMG)

The EAMG has been working with Wastewater Conveyance, Resiliency, Information Technology (IT), and Wastewater Engineering groups on the development of the wastewater conveyance Linear System Integrity Program with the assistance from GLWA's program management consultant, HDR. This program focuses on GLWA's management of the conveyance system through risk-based prioritization of inspections and rehabilitations and builds upon the historical inspections completed since the formation of GLWA.

Wastewater Pump Stations team members attending the Conner Creek CSO NEXGEN Roadshow

In May, the EAMG, in partnership with the IT group, conducted its 3rd annual NEXGEN Roadshow. This initiative places EAMG and IT team members directly into GLWA facilities to engage with team members where they work. The purpose is to answer questions, resolve issues, and collaborate on the development and improvement of asset management and NEXGEN business processes. This year, the team visited the Conner Creek Combined Sewer Overflow Facility, Central Services Facility, Water Resource Recovery Facility, and Water Works Park Water Treatment Plant to connect with GLWA team members on-site. In parallel, several NEXGEN training sessions related to scheduling and warehousing were held. These sessions supported team leaders and planners in enhancing their ability to manage daily work schedules, allocate resources effectively, and streamline work order management.

Member Services Group

The *Wastewater Analytics Task Force (WATF)* meeting held on May 9th began with brief updates on multiple topics from GLWA's Director of Wastewater Analytics, Kevin Jankowski. This was followed by a presentation on sewer metering analysis and support services from representatives of Wade Trim, where Members had an opportunity to discuss their questions about the annual flow balance shared at the previous WATF meeting.

Additional agenda items included an overview of the OC-S-1 Meter Pit Reconstruction delivered by Evans Bantios from the Oakland County Water Resources Commissioner's Office, GLWA's Consolidated Annual Report delivered by Wade Trim, an update on the Wastewater Think Tank's progress from Kevin Jankowski, and finally a presentation from Limnotech on how tracers are being used to calibrate the regional wastewater model. The next WATF is scheduled for July 11th.

PLANNING SERVICES (continued)

On May 28th, the *Wastewater Best Practices Work Group (WWBP)* convened at the Military Technical and Historical Society in Eastpointe. The meeting began with a series of roundtable discussions on topics related to sampling including sampler unit technology and procedures, laboratory best practices, real-time Total Residual Chlorine analyzer upgrades, and composite sampling hold times. Next, Members shared their experiences with recent storm events. This was followed by a presentation from Vince Astorino of the Macomb County Public Works Office, who provided an overview of their facilities and major construction projects. The meeting ended with a tour of the Chapaton Basin facility and channel. The next WWBP meeting is scheduled for August 8th.

Members of the WWBP observe pumps and other equipment during their tour of MCPWO's Chapaton Basin facility

The *Communications and Education Work Group* met on May 29th, where they discussed the GLWA Public Affairs team's plans for a new video on the wastewater treatment process. In addition, the Southeast Michigan Council of Governments provided an overview of their 2025 One Water campaign which is a public education initiative focusing on the interconnectedness of stormwater, drinking water, and wastewater systems. Next, Haran Stanley with GLWA's Affordability and Assistance team gave an update on the Water Residential Assistance Program (WRAP), titled WRAP Update –Fiscal Year 2026. The next meeting of this group is scheduled for September 3rd.

GLWA's AM team is continuing to log and categorize equipment as part of the overall AM strategy including motors, electrical breakers, SCADA instrumentation assets, and valves

On May 29th, GLWA convened a special meeting at the Detroit Outdoor Adventure Center to discuss initiatives related to both Asset Management (AM) and GLWA's CIP. The purpose of this meeting was to build a shared understanding of GLWA's AM strategy including its current and future state, as well as how AM data is related to GLWA's CIP. The meeting began with opening remarks from Jody Caldwell, GLWA's Chief Planning Officer, followed by detailed presentations from Asset Management Director, Steve Dutschke and several members of his team. Time ran out before a scheduled presentation from Dima El-Gamal, GLWA's CIP Director, so this content will be shared at a future meeting. This was the first of three anticipated workshops; the second workshop of the series will be held in late fall of 2025.

PLANNING SERVICES (continued)

Wastewater Analytics, Planning & Metering (WwAPM)

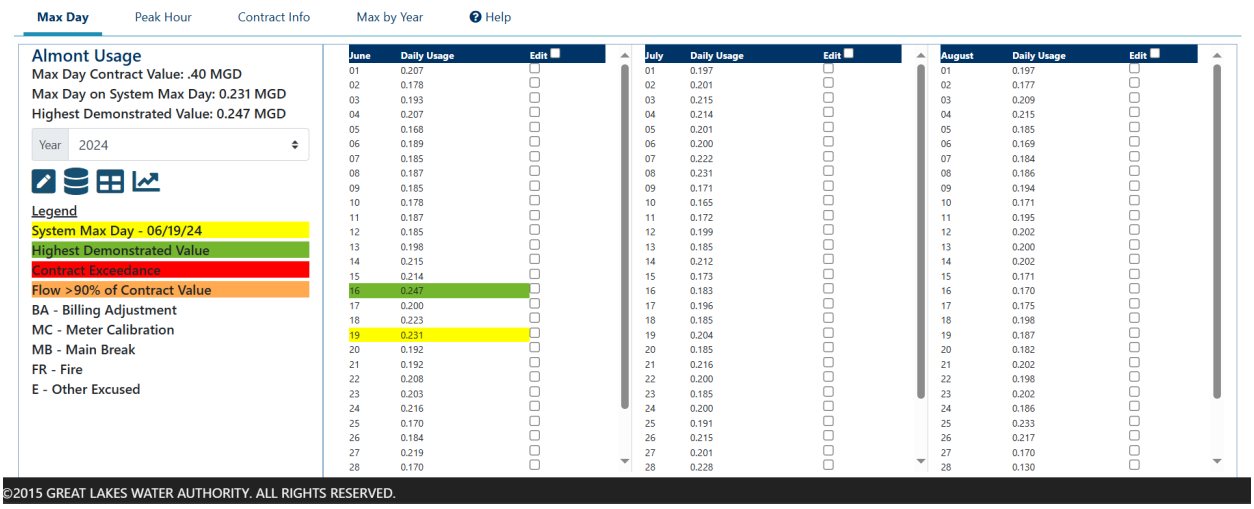
The WwAPM group has been assisting the City of Center Line and their consultant, Anderson, Eckstein, and Westrick, Inc. with submittal reviews in preparation for the reconstruction of the City of Center Line CL-S-1 wastewater metering system, which is scheduled to start in June. A temporary wastewater flow meter has been installed and the WwAPM group is conducting a data evaluation to verify conformance.

Additionally, the WwAPM group reviewed and commented on the planned OC-S-1 meter site reconstruction plans and specifications proposed by the Oakland County Water Resources Commissioner's Office. This meter measures wastewater flows from the Evergreen-Farmington Sewage Disposal System. This project is anticipated to reduce headloss through the site, thereby increasing the level of service for the Member Partner.

In May, the WwAPM and Wastewater Engineering groups hosted a "Project Narrative" workshop with Member Partners in support of the Biosolids Process Improvements Study. This workshop established project objectives and goals, defined success criteria, and created a common language for communication. Thank you to everyone who attended and participated!

Water Analytics, Planning & Metering (WAPM)

The Water Analytics, Planning, and Metering (WAPM) group collaborated with the Water Model Contract team to create a tool in the Wholesale Automated Meter Reading (WAMR) Portal that allows Member Partners to request a review from GLWA of water flow exceedances and occurrences that are greater than 90% of their contractual limits. The WAPM group created a training video that details how Members can identify and request an exceedance review.



Max Day Screen in WAMR Portal

PLANNING SERVICES (continued)

This new tool and video will help the contract team to excuse maximum day or peak hour exceedances that are caused by reasons such as the occurrence of a water main break or fire within a Member's community. Having the process to resolve these exceedances as they occur will save substantial time and effort before and during the next water contract negotiation meetings. The video was presented at the June Analytical Work Group (AWG) meeting, as well as during a recent webinar for Member Partners to prepare for the next contract negotiation.

The WAPM group is in the process of conducting the annual wholesale versus retail water volume analysis. This high-level, voluntary audit helps identify inconsistencies in reported water volume. This is the fifth year GLWA has conducted the analysis, which includes 28 unique Member Partners, representing 41% of wholesale master meters. The results of the analysis will be presented at a future AWG meeting while maintaining Member Partner anonymity.

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 May.

All parameters relating to sampling completed in May 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 49 ng/l, exceeding the limit of 25 ng/l.

A total of 56 GLWA team members participated in the complimentary fertilizer program, taking advantage of the opportunity to receive free fertilizer for their personal use. This is a great way for team members to nurture their lawns with essential nutrients, promoting growth and increasing sustainably as the fertilizer is produced at the Biosolids Dyer Facility.

Reliability and Maintenance Engineering

Damaged grating

Repaired grating

The Reliability and Maintenance Engineering Central Support Team continued their project to identify and repair potential slip, trip, and fall hazards around the WRRF. The team identified grating damage to the covers used to prevent falling into the secondary clarifier effluent. These gratings were repaired or replaced, as required, to improve the safety conditions for those team members and contractors who work in or around the secondary clarifiers. This ongoing effort continues to mitigate potentially hazardous conditions around the WRRF.

<u>WASTEWATER OPERATING SERVICES</u> (continued)

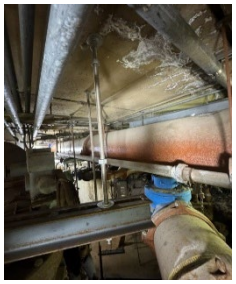
The leak on DPFP #2

The pump post-replacement

During routine facility operation, it was suspected that there was potential polymer leaks based on trending historical polymer usage versus current. The Dewatering Team performed a system investigation to determine the source of the leak and discovered a small leak from Dilute Polymer Feed Pump (DPFP) No. 2 and from Dilute Polymer Tank (DPT) No. 2. The Dewatering Team, with assistance from the Operations Team, switched the operating equipment and transferred the polymer from DPT No. 2 to DPT No. 1. This stopped the leak while repairs were conducted. The Dewatering Team then replaced DPFP No. 2 and, with assistance from Engineering and Data Reliability Professional ***Wendy Hursin***, had DPT No. 2 wrapped and inspected to repair the tank leak.

With rising chemical costs, these efforts reduce polymer waste, which is cost savings to GLWA for chemicals. DPFT No. 2 will be sent out for refurbishment.

The Dewatering Team also performed a replacement of the 18" manual valve to isolate the Sludge Storage Tank No. 4. The valve was in a very difficult to reach location with minimal clearance and lacked appropriate rigging support. To complete this repair safely, additional rigging supports were added to the location along with implementing a variety of rigging techniques. In addition to the challenges of performing the repair, considerable coordination was required across multiple shifts to properly drain the sludge line prior to starting work. Due to proper planning, coordination, and preparation, the valve was replaced in one shift, minimizing operational impact.



Additional rigging support and tight workspace

New valve in place, nearly installed

The Power Management Team is performing a replacement of the New Administration Building transformers. Each transformer in the basement provides a source of power to the Hypo Building, which is a critical facility used to disinfect primary treated wastewater when discharging to the Rouge River in wet weather events.

WASTEWATER OPERATING SERVICES (continued)

With one transformer inoperable at a time for replacement, the Hypo Building lost its redundant electrical source. The Power Management Team, led by Team Leader ***Raymond Zdonkiewicz***, coordinated a temporary emergency generator to be installed and placed on standby if there is a loss of normal power to the Hypo Building during the transformer replacements. The team also conducted training on how to operate the emergency generator for the electricians on all shifts. This preparation helps ensure that the requirements of the National Pollutant Discharge Elimination System (NPDES) permit are met during the replacement of the transformers.

Team Leader Raymond Zdonkiewicz and Team Leader Planner Marvin Prather standing by the installed emergency generator

Laboratory

The Laboratory is working with the Process Automation & Control System Team to verify Ovation screen signals and add alarms. New alarms will be connected to an audible light which will alert the team when sampling pumps fail. Laboratory team members can then be dispatched to the field to troubleshoot the problem and ensure compliance.

Chemist ***Hainite Tuitupou*** is mentoring Intern ***Lauren Sample***. Lauren is contributing valuable support to the ongoing ferric chloride pilot project aimed at improving phosphorus removal at the WRRF.

She is actively engaged in establishing baseline phosphorus and iron concentrations prior to the next dosing phase and providing data to evaluate the efficacy of the temporary ferric injection point. Additionally, Lauren is analyzing the side stream from the belt filter press to quantify its phosphorus contribution to the overall system.

Potential next steps to this investigation may include analysis of dissolved oxygen in the anaerobic and aerobic zones of the aeration decks to better understand the impact of structural and operational differences across the four aeration decks and jar testing of higher-concentration side streams. Lauren is gaining hands-on experience with technical analysis methods while helping to generate data that supports our mission of protecting the environment.

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

As part of Contract 2004538, the Leib facility is receiving a new DCS (distributed control system). The OT/PACS Team was on site to conduct testing of the new control system equipment, including routers, switches, workstations, and a database server. The team validated control of the facility's disinfection sampling pump, a chemical tank discharge valve, and each of the site's 12 screens in advance of demolition of the previous control system equipment.

Demolition activities and migration of remaining Leib assets onto the new DCS are expected to conclude in early July 2025. The OT/PACS Team will return to the site to perform site acceptance testing at that time.

A wireless survey of the WRRF was conducted, in support of the eventual augmentation of the facility's instrumentation infrastructure with support for wireless process monitoring. The survey included both direct line-of-sight (visual) validation as well as direct testing using wireless pump vibration transmitters, gateway and a smart antenna. The team tested placement of the devices in various locations at the WRRF including Pump Station No. 2, the Primary Clarifiers, Chlorination, De-chlorination, Sludge Dewatering, Incineration, Complex A and Complex B. The findings of the survey indicate optimal locations for placement of devices to ensure robust data communication pathways.

Wireless snap-on Vibration Transmitter used during site Survey

Industrial Waste Control (IWC)

All permit modifications are finalized, with the exception of four users for the GLWA (Pretreatment) Rules and Pretreatment Program. IWC is working with the Office of General Counsel to prepare responses for these users. A Request for Proposal (RFP) (Req No. 0003399) has been developed to solicit consultant services to support the Per- and Polyfluoroalkyl Substances (PFAS) Compound Study Community Grant. The RFP will be released after final review from Engineering and General Counsel.

Engineering and Construction
Wastewater Projects in Design or Miscellaneous

CIP Design:

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

This design project involves replacing end-of-life VFD for five of the main lift pumps at PS2, and replacing 4,160V electrical gear, including transformers, that will eventually power all eight main lift pumps. The complete design documents were received from the design consultant, and the bid package was submitted to Procurement for construction bid solicitation. The State Revolving Fund (SRF) application has been revised for the project and was submitted on May 9, 2025. An application for the Part 41 permit has been submitted to the Michigan Department of Environment, Great Lakes, and Energy (EGLE).

WASTEWATER OPERATING SERVICES (continued)

CIP 213006, Contract 2202790, WRRF Improvements to Sludge Feed Pumps at Dewatering Facilities
This project provides upgrades to the Complex-A sludge feed handling system at the Water Resource Recovery Facility (WRRF). Final construction documents are expected within the next month to support project bidding in later summer 2025. The SRF project plan has been submitted to EGLE for evaluation and scoring.

CIP 216008, Contract No. 2000970/SCN-0000131 – SFE Pump Station Rehabilitation
This progressive design-build project will replace the Screened Final Effluent (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 90% design is complete, and GLWA teams are reviewing the latest changes. The contractor, NORESCO, is mobilizing trailers onsite at the WRRF and will begin construction on the foundation in July.

CIP 222001, Contract No. 2304897 – NWI to Oakwood CSO Sewer (NOCSOS)
The installation of pinch valves for the Oakwood CSO began. The precut for the secant piles for the mining shaft has started, and the pile installation begins this month.

CIP 260201, Contract CS-168 – Rehabilitation of Conveyance System Interceptors and Trunk Sewers
CS-168 contract is scheduled to complete in August as planned.

CIP 260206, Contract No. 2300150 – Rehabilitation of 7 Mile Sewer System
This project has completed design and is currently in the Procurement phase, preparing to advertise for construction bids in June 2025.

CIP260210 - 2201041 - Ashland-Linwood-Lonyo-2nd Av-Shiawassee (ALL2S)
The design of the proposed work on the five sections has achieved 100%. The future construction projects are divided into two separate projects. The Lonyo sewer project received bids on May 15, 2025. Marra Services is recommended for the award at the June Board of Director's meeting. The other four (ALL2S) start in 2027 with bidding occurring in March 2026. Public outreach is ongoing for all five projects. The Lonyo Sewer project was presented as part of GLWA projects to the District 6 public meeting on June 4, 2025.

CIP 260510, Contract No. 2300149 – CSO Outfall Rehabilitation Phase VI
The design for this project is complete and is currently in the Procurement phase, in preparation to advertise for construction bids in July 2025.

WASTEWATER OPERATING SERVICES (continued)

CIP 260619, Contract No. 2004538 – St. Aubin, Leib and Seven Mile Combined Sewer Overflow *(CSO) Instrumentation and Controls Replacement*
This design-build project will replace the end-of-life control system with a new Ovation control system at three CSO facilities. Construction activities at St. Aubin CSO progressed and Site Acceptance Testing (SAT) was performed. The team is actively working to closeout all open issues that were noticed during the SAT. For the Leib CSO, the Contractor is actively working to finalize the transition to Ovation and SAT plans. The contractor is actively working to finalize the plans to start the replacement of Motor Control Centers and other equipment for Seven Mile.

CIP261001, Contracts 2201974 and 2302068–Rehabilitation of Secondary Clarifiers, Engineering Services at the WRRF for Upgrade of B-Houses and Emergency Process Mechanical Improvements
Both contracts with Arcadis are for critical repairs to the WRRF secondary clarifiers. Contract 2201974 covers the design of piping and meter rehabilitation, while Contract 2302068 focuses on the design of critical mechanical improvements. Initially, these repairs were part of a more comprehensive rehabilitation project for the secondary clarifiers (RFP-2301547). However, due to their urgency, they were separated into a smaller project to expedite completion. Arcadis submitted the 90% design for internal review. GLWA plans to solicit requests for bid in Quarter 3 of 2025.

CIP 260904 – Contract 2200545 – 3rd Floor Renovation of the New Administration Building (*NAB)*
This project is to renovate the third floor of the NAB at the WRRF. The 100% design is complete. The project will move to the Procurement phase and the building permit application is planned to be submitted in June.

CIP 270004, Contract 2101475, Design Services of Oakwood (OKW)/Leib Improvements
This project provides chemical feeds, a storm pump, chemical feed system, and other improvements at the OKW and Leib CSO facilities to accommodate future flows being diverted from the Northwest Interceptor and Meldrum sewers, respectively.

Review of the construction bids has been finalized and presented to the Board of Directors for approval in June 2025. This project has been awarded SRF funding, and coordination with EGLE is taking place.

CIP 270006 – Contract 2200061 – CSO Facilities Improvements II
This project provides process improvements to the St. Aubin CSO Facility, building rehabilitation at all nine CSOs, safety improvements at each CSO, and control upgrades at

Baby Creek and Belle Isle CSOs. The 100% design milestone has been reached, and the project was submitted to Procurement.

WASTEWATER OPERATING SERVICES (continued)

CIP 273001, Contract No. 2103225 – Hubbell Southfield CSO Facility Improvements
Permit application and documents have been submitted to EGLE and the City of Dearborn. A temporary construction easement with TPC Michigan Golf Club will be finalized in June. The 90% design documents are under review, and comments were due June 13, 2025.

Non-CIP Design:

Contract No. 2103032 - Electrical System Ovation Monitoring Upgrades
This design project is to provide drawings and specifications for additional points in Ovation for electrical readings. The design has been completed, and the procurement documents are currently being prepared. Amendment No. 2 is being processed to extend the designer's services through construction.

Contract No. 2204777 - Primary Area Gas Detection System Upgrade
This design project is to upgrade the primary area gas detection system, and will be combined with Electrical Building -20 improvements.

COMBINED SEWER OVERFLOW (CSO) CONTROL PROGRAM

CSO Operations, CSO Maintenance, CSO Conveyance

Team members from the Wastewater Conveyance and CSO Team were joined by the Transformation Team to complete the upgrade of the sampling lab using 5S Method. 5S is a method of organization used to reduce waste and increase productivity in five steps: sort, set in order, shine, standardize, and sustain. This way, it will be easier to find necessary materials and grab samples, which are required during wet weather as per the NPDES permit. This method will be implemented at every CSO Facility's laboratory to streamline these critical procedures.

Prior to this project, the sampling laboratory at the Baby Creek CSO Facility was cluttered, messy, and cramped. Due to the cluttered nature of the sampling laboratory, team members would scramble to find room to work and often misplace essential materials. This all increased the likelihood of improperly calibrated machines, missed samples, or invalid samples.

The laboratory at the Baby Creek CSO Facility is now equipped with everything the team needs, with items organized and correctly labeled. Process maps with flow charts are posted so team members know how to calibrate and take samples from the different machines.

<u>WASTEWATER OPERATING SERVICES</u> (continued)

Team members of this facility have also been trained in 5S and given a GLWA 5S standards checklist to implement. The Transformation Team will continue to assist the Wastewater Conveyance and CSO Teams with laboratory upgrades for the remaining CSO facilities. The Puritan-Fenkell CSO Facility is next for this upgrade in June 2025.

New lab table and paper bin at Baby Creek CSO

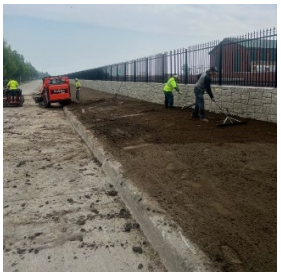
Before: Lab equipment table at Baby Creek CSO

After: Lab equipment table at Baby Creek CSO

Before: Lab overview at Baby Creek CSO

After: Lab overview at Baby Creek CSO

A few years back, the seawall at the Conner Creek CSO Facility was failing. The berm, a hill of soil and rock that is intended to prevent river water from overflowing, was failing and flooding the roadway. After careful investigation, erosion was found due to the overgrowth of vegetation which had compromised the integrity of the berm. As a result, this was dug up, new soil for the berm was installed and a new sea wall was constructed. The next steps include planting resilient greenery to protect from potential overgrowth and prevent further erosion. However, additional work is required for this improvement, and the landscaping company will complete this improvement to revitalize the berm with native grass and wildflowers.



Landscaping crew prepping the berm

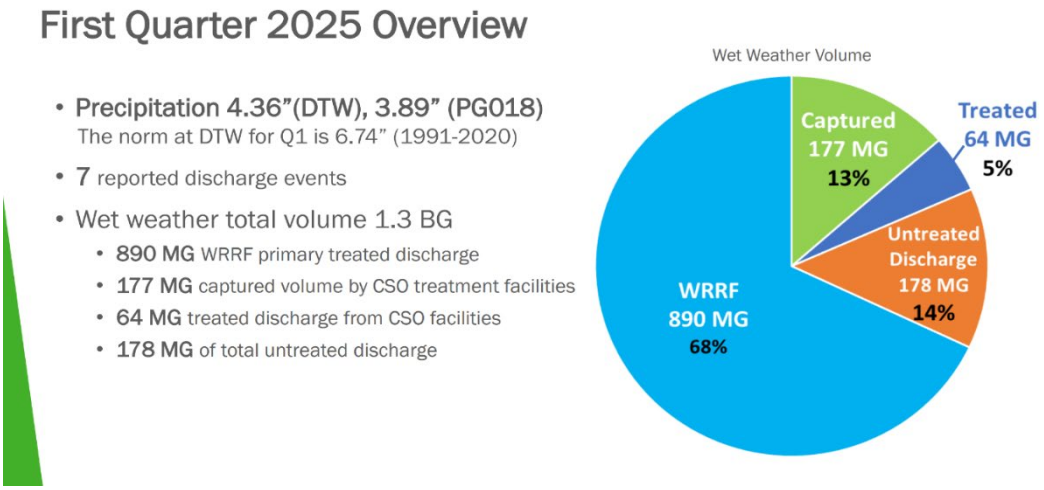
Landscaping crew

Rain garden sign at Conner Creek CSO

The area has been prepped, native seeds were planted, and straw nets were added to encourage plant growth. Planting native grasses and wildflowers is to establish hearty, perennial species that will regrow from the root each spring and prevent other, more destructive plant species from overtaking the area and damaging the seawall. Additionally, planting native species is conducive for the environment and supports biodiversity by providing habitats for native insects and small animals.

WASTEWATER OPERATING SERVICES (continued)

The 2025 Quarter 1 Quality Analysis Quality Control (QAQC) meeting took place. During this quarterly meeting, how well the system performs each quarter is analyzed. The QAQC report for the Wastewater Conveyance system was produced as well, and included information that extracts the data from the Supervisory Control and Data Acquisition, Geographic Integrated Systems, and precipitation gauges. These meetings help to navigate and plan for future improvements by analyzing different aspects of the system while also maintaining compliance. The data is used to compare with previous events, as it is essential to track current and past progress.



QAQC report overview

January through March 2025 included seven wet weather events between the CSOs and WRRF which totaled 1.3 billion gallons of wet weather volume with 177 million gallons of captured volume, which is what was stored at CSO Facilities without overflow and later released to the WRRF for complete treatment. The majority of the discharge was from the WRRF and the Hubbell-Southfield CSO Facility, which discharged 64 million gallons.

Summary of Q1 2025 Wet Weather Events Captured Volumes

Facility	Fully Captured Events		Discharge Events	
	Number of Events	Total Volume Captured (MG)	Number of Events	Total Volume Captured (MG)
Hubbell Southfield RTB	2	40.7	1	22.0
Puritan Fenkell RTB	3	5.0	0	0
7 Mile RTB	0	0.0	0	0
Conner Creek RTB	1	60.9	0	0
Leib SDF	0	0.0	0	0
St Aubin SDF	1	1.8	0	0
Baby Creek SDF	1	24.6	0	0
Belle Isle RTB	0	0.0	0	0
Oakwood RTB	3	21.5	0	0
Total		154.5		22.0

Total Captured Volume = 176.5 MG Note: Does not include volume due to DB 226 Project

Summary table

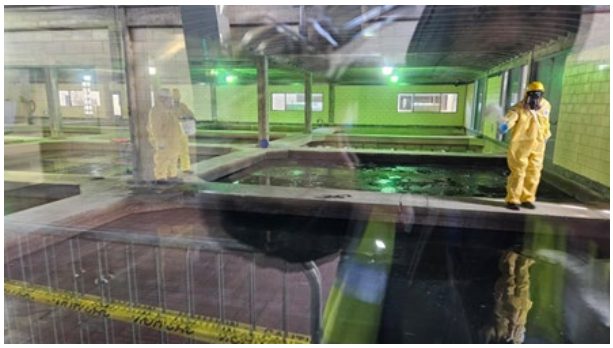
WATER OPERATIONS AND FIELD SERVICES

Water Operations

Water Quality

Disinfection Contact Time

The Water Quality Team is responsible for performing disinfection procedures on reservoirs, temporary service connections, pumps, and water transmission mains. A critical component of this process is disinfection contact time, which refers to the period required for the disinfectant to effectively bind to and neutralize microorganisms such as bacteria, fungi, protozoa, and algae. For example, the team recently disinfected filter No. 61 at the Springwells Water Treatment Plant, which had been out of service for an extended period of time. The filter was exposed to highly chlorinated water for 24 hours to ensure adequate disinfection. Following this, two consecutive days of negative bacteriological test results were confirmed before the filter was returned to service. Water Quality took every precaution to ensure that filter No. 61 was thoroughly disinfected and safe for use. This meticulous disinfection process is essential to maintaining the delivery of water of unquestionable quality.



Team Leader Nathan Taylor and Investigators Diego Solis and William Ballard at Springwells Water Treatment Plant

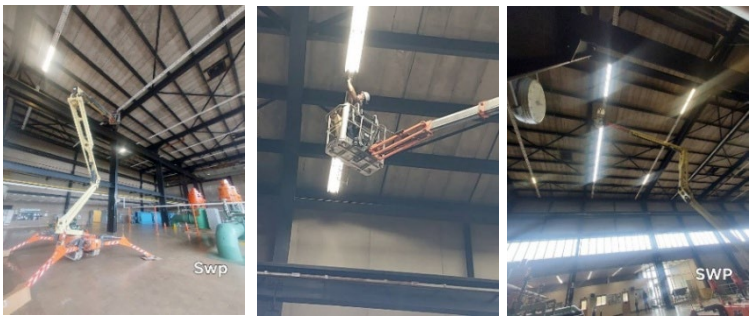
Southwest Water Treatment Plant

Lighting Update

The Southwest Water Treatment Plant is undergoing a much-needed lighting upgrade. While it may seem like a simple bulb replacement, safety regulations and structural challenges made this a complex project. The original method for changing fixtures is no longer compliant, and with the main pump room ceiling reaching 70 feet, a specialized lift was required. After weeks of research, the team secured a lift that met both height and floor load requirements, along with a qualified contractor. The six-week project includes testing fixtures, replacing bulbs, and swapping out non-functional units.

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

With 40% of the work complete, the difference is already noticeable. Thanks to all involved for helping make the future at Southwest a bright one, especially the Facilities Electrical team.



Thomas Medici working from the lift, 45 feet above the floor

Contractor installing new light

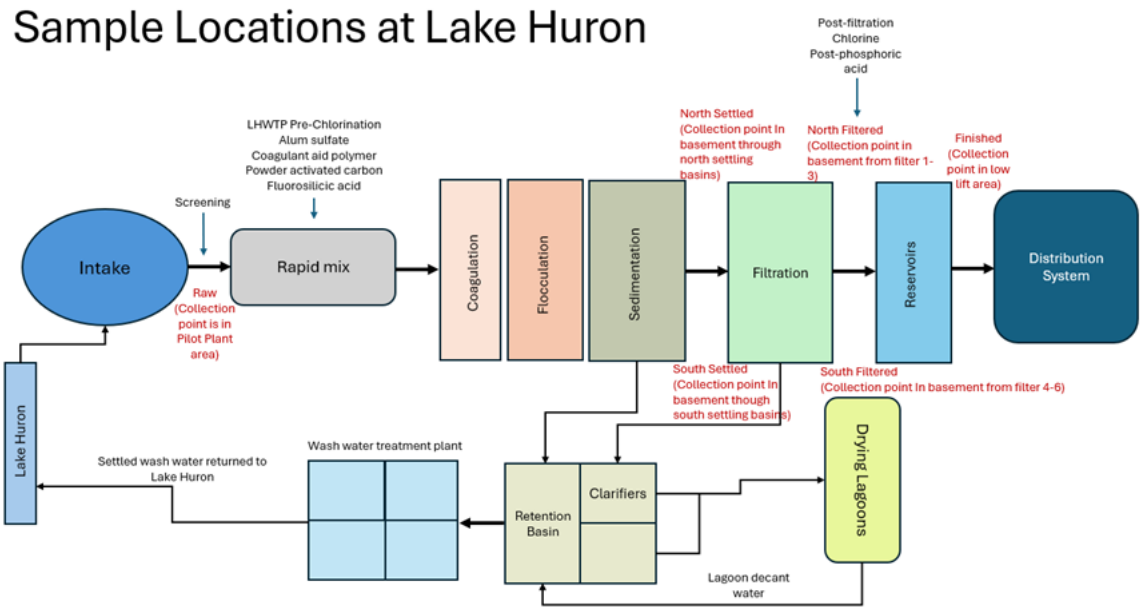
Research, Innovation & Transformation

Research

Total Organic Carbon (TOC) Profiling for the Treatment Plants

The aim of this project is to develop database for TOC for the different water treatment plants and Belle Isle raw water as part of the initiative to understand changes in water quality at the source and finished points. The research team has started weekly sample profiling for TOC at the Lake Huron Water Treatment Plant. Intern Furqan Awan, is currently responsible for collecting water samples from six sample collection points, highlighted in red on the diagram below.

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



Lake Huron sampling locations highlighted in red - raw, north settled, south settled, north filtered, south filtered, and finished

The team will be following a similar collection plan to that of the Water Works Park, Northeast, and Springwells water treatment plants, with the points of collection being raw, north settled, south settled, north filtered, south filtered, and finished water. An attempt was made to locate a combined filter point where the water from all filters could be collected at a single mixing point before entering the clear well reservoir, but that collection point does not exist. In addition to monitoring TOC at Lake Huron, the research team will also be performing analysis on collected sample temperature, alkalinity, pH, UV-254 (ultraviolet light absorbed at the 254-nanometer wavelength) and turbidity. Once a sufficient amount of TOC data has been acquired, at least 10 weeks worth, a quick analysis of the data will be performed, and the results will be shared in the weekly report.

It is important that sampling is done at Lake Huron in addition to the water treatment plants currently being monitored because Lake Huron's source water is different from Water Works Park, Northeast, and Springwells. The sampling will give the Research team and GLWA more insight into water quality in Michigan as a whole and not limit understanding to one water source.

Published Article on Removal of Microplastics through GLWA's Water Treatment Plant Systems

GLWA's Research team recently published results showing the significant removal of microplastics through GLWA's water treatment plant systems.

WATER OPERATIONS AND FIELD SERVICES (continued)

The paper, entitled *Occurrence, fate and partitioning of microplastics through drinking water treatment processes*, appeared in the *Journal of Water Process Engineering* with Drs. John Norton and Dienye Tolofari as co-authors.

The effort was a collaboration with Wayne State University to document the presence and removal of microplastics through each of the unit processes located within the GLWA water treatment systems. Microplastics in the source water were measured while 89% percent removal was measured through the flocculation and coagulation unit processes and an additional 80% removal was measured through the filtration processes.

The specific study was performed at the Water Works Park treatment plant.

It should be noted that there have been no studies, indicating health risk due to microplastics. Nevertheless, since they are an emerging contaminant of concern, and under significant scrutiny, this represents a significant level of confidence in GLWA's water treatment processes.

The published article can be found at the following link:
https://www.sciencedirect.com/science/article/abs/pii/S2214714425008931?via%3Dihub

Lake Huron Water Treatment Plant Pilot Plant

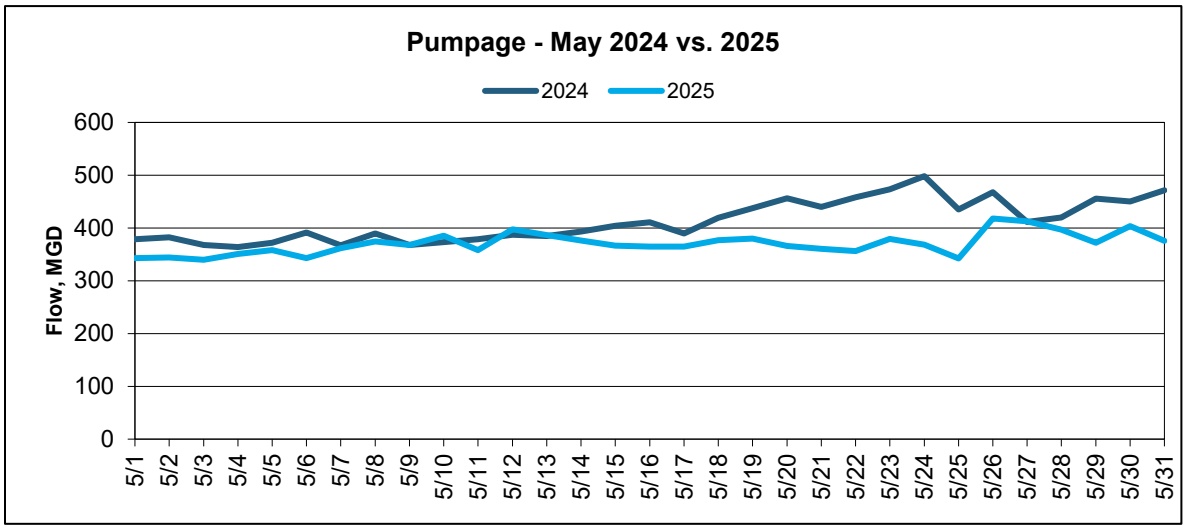
Research and Innovation Management Professional, Harrison Hee, gave a tour of the Lake Huron Water Treatment pilot plant to the IT Project Management Office (PMO) team. The tour demonstrated how the pilot plant functions and the way the research team utilizes it. Harrison Hee described how the pilot plant functions on overflow, the different steps in water treatment used (coagulation, flocculation, sedimentation, and filtration), and how various parameters in the process can be modified. At the end of the tour, a sequential filter backwash demonstration was performed for the IT PMO team to see one of the more difficult to view processes in water treatment on a smaller scale.

IT Project Management Team with Harrison Hee (pictured far left) at Lake Huron Pilot Plant

WATER OPERATIONS AND FIELD SERVICES (continued)

Systems Control Center

There was a 10.2% decrease in May 2025 pumpage compared to May 2024



Water 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 overall substantial completion on July 13, 2026, and final completion by March 18, 2027.

WATER OPERATIONS AND FIELD SERVICES (continued)

CIP No. 122004 (Contract No. 2300600) 96-Inch Water Transmission Main Relocation - Phase 2

Project Manager: Corey Brecht

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

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

Project Manager: Corey Brecht

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

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

Project Manager: Corey Brecht

This contract is a material purchase for Phase 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 a production schedule for GLWA and has begun fabrication. Schedule shows a projected delivery of the valves to GLWA by end of 2025.

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

Project Manager: Corey Brecht

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

WATER OPERATIONS AND FIELD SERVICES (continued)

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

The Request for Proposal advertising is complete. All bids have been received and have been reviewed by the team.
The scope of this Request for Proposal includes final design and construction of the pipeline alignment, connections, line stop, temporary booster pump station, isolation valves, pipeline appurtenances, and abandonment of the relocated section of existing 96-inch water transmission main. The evaluation team is actively in negotiations with the bidder.

CIP No. 111001 (Contract No. 1803769) Lake Huron High Lift, Low Lift, and Wash Water Pumping and Switchgear Improvements
Project Manager: Eric Kramp
This project provides engineering services to address long-standing issues with the switchgear, low lift, high lift, and corrosion control systems at the Lake Huron Water Treatment Plant. The consultant has submitted a revised 90% design package for the switchgear and low lift pumping improvements, which is sufficiently complete to proceed to final, biddable documents. A construction contract for this portion is expected to be bid within the next fiscal year. Designs for the high lift pumping, wash water, and phosphoric acid systems have been submitted at the 60% completion level and are currently under review. An amendment request from the consultant is anticipated to fully incorporate federally mandated changes and the latest project adjustments. GLWA staff is evaluating this project to consider where cost reductions may be implemented.

CIP No. 111006 (Contract No. 2101680) Lake Huron Filter Instrumentation and Raw Water Flow Metering Improvements
Project Manager: Eric Kramp
This is a progressive design-build project aimed at addressing outdated and failing programmable logic controllers and controls throughout the plant, with particular emphasis on the filter building. There are two phases with this project. Phase 1 consists of evaluating and validating GLWA's understanding of what work is necessary and then designing a complete set of construction documents. This phase has been completed. Phase 2 is the actual construction of the work envisioned in Phase 1. GLWA and the contractor have been in negotiations to develop the Phase 2 cost and pricing agreement.

Between the completion of Phase 1 and the execution of Phase 2, GLWA and the contractor have been prioritizing alarms and draft changes to the Standard Operating Procedures under the allowance. This "pull ahead" has allowed a more deliberative review of these critical deliverables.

WATER OPERATIONS AND FIELD SERVICES (continued)

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 compliance with agreements between Michigan Department of Environment, Great Lakes, and Energy (EGLE) and GLWA. For the flocculation system, a combination of hydraulic and mechanical flocculation has been selected as the preferred solution. A fully hydraulic option could not be validated through piloting. GLWA has met with the EGLE, which has approved the proposed approach and granted a two-year extension for equipment delivery.

The work must now be completed by May 2031. The engineer has submitted a basis of design and a 30% conceptual drawing set, which has been reviewed and found generally acceptable, though some cost-saving measures may be necessary

CIP No. 170802 (Contract No. 2100236) Reservoir Rehabilitation Phase II (Design), Booster Stations and Water Treatment Plants
Project Manager: John McCallum
This project provides design, inspection services, construction management, and resident project representation services by the engineering firm Brown and Caldwell for 17 of the system's finished water reservoirs. These reservoirs are located at the following booster stations and water plants: Eastside, Wick Road, Schoolcraft, Haggerty, Adams Road, Joy Road (No. 1 and No. 2), North Service Center (No. 1 and No. 2), Water Works Park (No. 1 and 2A/2B), Northeast (No. 1 and No. 2), Michigan Avenue, Lake Huron (No. 3), and Ford Road.
The contract began in July 2022 with design and exterior inspections. Currently, up to six reservoirs are under Brown and Caldwell's oversight during this low-demand water season (October 2024 to April 2025). The contract remains on time and within budget.

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 was completed at the Wick Road, Eastside, and Schoolcraft locations. In December 2024, the GLWA Board approved Change Order No. 1, which added the Ford Road Station to the project and increased the total number of reservoirs under this contract from 16 to 17.

WATER OPERATIONS AND FIELD SERVICES (continued)

The change order also included the installation of a bird deterrent system at five additional booster station locations, ensuring that all eight finished water flat-roof reservoirs are equipped with this protection. Currently, the reservoirs at Joy Road Station, Ford Road Station, Haggerty Station, Michigan Avenue, and the Water Works Park Water Treatment Plant are out of service and undergoing cleaning and repairs. The final set of reservoirs is scheduled for completion by spring 2027. The project remains on time and within budget.

CIP No. 114002 (Contract No. 2201068) Springwells Electrical Gear Replacement
Project Manager: Justin Kietur
This project is currently in the construction phase. It involves the installation of new medium-voltage switchgear and cabling from the secondary side of GLWA transformers to the switchgear, and from the switchgear to the Low Lift and High Lift Pumps as well as the plant unit substations.

Construction of the new switchgear room is ongoing, and the majority of the new medium-voltage cabling has been pulled from the Low Lift and High Lift Pumps back toward the new switchgear room. Site civil work for the new electrical duct banks and pier footings for the utility bridge are complete.

CIP No. 115005 (Contract No. 2103880) Water Works Park Ventilation System Improvements
Project Manager: Michael Dunne
The project goals are to increase air exchanges and improved distribution of fresh air in areas of the plant that are susceptible to an accumulation of off-gassing from treatment chemicals. To achieve these goals, the existing heating, ventilation, and air conditioning (HVAC) systems will be demolished, and replacement and additional HVAC systems will be installed. The new HVAC systems consist of gas fired makeup air units, exhaust fans, ductwork, natural gas piping, ventilation control panels, electrical power, ambient air monitors and associated appurtenances. Commissioning activities are in progress.

CIP No. 132016 (Contract No. 2004674) North Service Center Pumping Station Improvements
Project Manager: Timothy Kuhns
Conceptual design for the project has been completed. Project will include rehabilitation of the existing station as Phase 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 has commenced.

CIP No. 114017 (Contract No. 2201255) Springwells Flocculator Improvements
Project Manager: Erich Klun
This project replaces the existing horizontal paddle wheel flocculators in the four basins of the 1958 treatment plant and adds continuous turbidity monitoring of its settled water. Basins 5 and 6 are currently halfway through a 90-day performance. Once Basins No. 5 and No. 6 are accepted by GLWA, flocculators for Basins No.7 and No. 8 will be released for fabrication for planned installation in 2026.

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. Two proposals have been received and are currently under review by the selection committee with an anticipated start in June 2025.

CIP No. 116002 (Contract No. DB-150) Raw Water Tunnel Rehabilitation
Project Manager: Peter Bommarito
Project is in construction phase. Work within the Pennsylvania Tunnel and Northeast Tunnel is complete. Work within the Springwells Raw Water Tunnel has resumed for this season.

The contractor, Ballard Marine Construction, has successfully reinstalled the Ballard Underwater Ring Transporter in the Springwells Raw Water tunnel and has started installation of the stainless-steel liner plates.

CIP No. 115001 (Contract No. 2000610) Water Works Park Yard Piping Replacement and Water Production Flow Metering
Project Manager: Vittoria Veltri
Project is in the construction phase. The project involves complete replacement of yard piping, valves, and venturi meters for the piping system on the discharge of the Water Works Park High Lift Station. The eastern yard piping is completed and venturi meters No.5 and No.6 have been tested and put into service. The western yard piping is currently under construction and will be completed in summer of 2025. Construction of valve vaults and venturi meter vaults continues at pace in the western yard.

CIP No. 122019 (Contract No. 2204376) Jefferson Main Replacement
Project Manager: Timothy Kuhns
Project is at 90% design phase. The project involves use of 42-inch, high-density polyethylene fit slip-line of approximately three miles of vintage 1915 cast iron 48-inch piping along Jefferson between the Water Works Park Water Treatment Plant and Rivard Street just east of downtown Detroit.

Act 399 Permit is pending with the State of Michigan. Prior to commencing construction, the City of Detroit has to complete a 16-inch set of parallel mains from Water Works Park to Rivard. Construction for this project will not commence until FY2028.

WATER OPERATIONS AND FIELD SERVICES (continued)

CIP No. 132015 (Contract No. 1901767) Newburgh Booster Pumping Station Improvements
Project Manager: Jorge Nicolas
Project re-started design phase after a long pause due to finding the right site to build the new station, GLWA Budget realignment and GLWA needs reassessment. Contract Amendment is complete, and design is in progress.

CIP No. 113009 (Contract No. 2300730) Southwest Chain and Flight Upgrades
Project Manager: Vittoria Hogue
Project involves removing and replacing flight and chain equipment in three of the four sedimentation basins at Southwest Water Treatment Plant. Equipment will be removed in Basin No.1A and removed and replaced in Basins No.1B and No.2A. The first basins, No.1A and No.1B have been completed and turned over to Southwest plant staff. Project is in a delay period waiting on the sludge removal contractors to be able to finish their work at Springwells Water Treatment Plant and begin work removing sludge from the remaining basins to be worked on at Southwest Water Treatment Plant.

CIP No. 122016 (Contract No. 1803942) Downriver Transmission Main Loop
Project Manager: Vittoria Hogue
The project is expected to be at 100% design by summer 2025. 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 Trenton meter pits. Project is expected to have construction start by summer of 2026.

CIP No. 132007 (Contract No. 1900516) Imlay Station Pumping Improvements
Project Manager: Vittoria Hogue
The project involved right-sizing Pump No. 3 at Imlay Pump Station to service the communities west of the station. All equipment has been installed. This project has been substantially completed and is in the process of closeout.

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.

WASTEWATER OPERATING SERVICES (continued)

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. A change order for time only to extend the final completion date has been approved.

Contract No. 2303227 Task Order Engineering Services Contract Task T2-13
Project Manager: Jorge Nicolas
Arcadis has completed the technical specifications for Division 26 (Electrical) and Division 40 (Process Integration) as well as completing the Hazardous Material Survey for Request for Proposal No. 2400082 - Northeast Water Treatment Plant Filter Reconstruction. Burns & McDonell has completed the review of several submittals for the Springwells Water Treatment Plant Medium Voltage Switchgear replacement.

OFFICE OF SYSTEM RESILIENCY (OSR)

The Office of Systems Resiliency is pleased to announce the receipt of a $2,000,000 EPA Grant Agreement in support of GLWA's "Repair and Rehabilitate Detroit River Interceptor (DRI) from Alter Road to Water Resources Recovery Facility" project (DB-226).

This important infrastructure initiative is also supported through the State Revolving Fund (SRF) program. Special thanks to the Financial Services Grants Team—Alicia Schwartz, Edward Vanneste, and Gregory Bolterman—for their dedication and hard work in securing this funding.

Detroit River Interceptor Rehabilitation

The DB-226 Project continues to progress toward key construction milestones. In Reach 1, punch list work is complete with the exception of three outstanding repairs near the Fairview Pump Station. These items remain on hold due to operational constraints, and will be completed in conjunction with the DRI flow control efforts for the Freud Pump Station project. At the Fox Creek Regulator Structure, construction of the Phase 2 walls is nearly complete, with the final concrete pour scheduled for early June. As part of this work, crews are preparing to reroute flow through the new low-level pipe in July, which will allow for slip-lining of the East Jefferson Relief Sewer in August and September. Reach 3C remains on hold, with crews planning to mobilize in early 2026 once the Pump Station No. 1 wet well work is complete. The Oakland Macomb Interceptor Drain flow diversion is expected to be complete by mid-September.

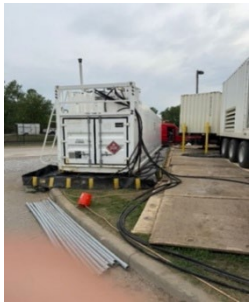
OFFICE OF SYSTEM RESILIENCY (continued)

Support to WRRF during single-ended power emergency

On June 2, 2025, the second of three 120,000 volt supply lines that redundantly feed the WRRF failed. This is termed being "single-ended" and represents a single point of failure that could result in a near complete loss of power and operations at WRRF should any component on the third feed fail.

The OSR has been supporting WRRF in working with DTE to mitigate this risk. Within one week, DTE secured 16 two-megawatt generators. Twelve have been connected and tested providing 24 megawatts of generative capacity at the plant. Two additional generators will be connected by June 20 and provide a redundant source of power for the full wet-weather capacity needs of WRRF.

This has been a very fast-moving effort with extensive cooperation from Operations, Maintenance, and Engineering staff to provide coordination and information necessary to design, install, and test this system on the fly. Kudos to Christopher Wilson, Ray Zdonkiewicz, and Navid Mehram for coordinating this massive response effort with DTE.




Flood Resiliency Study

The U.S. Army Corps of Engineers (USACE) received $2.1 million of additional funding for this project in their budget for FY26/27. This brings the total authorized federal budget to $3.2 million of the projected $5.5 million budget for the USACE work. GLWA is responsible for a 1:1 match for its in-kind contribution as the non-federal sponsor. GLWA's contractor, LimnoTech, is actively advancing the hydraulic and hydrologic components of this initiative. The USACE has mobilized multiple specialized teams to support project development, including an Economics Team focused on refining inventories of land and structural assets. Additionally, the University of Wisconsin has joined the effort to incorporate climate data and historical rainfall trends into the analysis. Collaborative discussions with the USACE are underway to define more precise areas of interest for the study and to enhance the GLWA Stormwater Model by integrating overland flow with the existing pipe network model used in the Long-Term CSO Control Plan.

OFFICE OF SYSTEM RESILIENCY (continued)

A summary of the project, public meeting materials, and project updates can be found at the *Southeast Michigan Flood Risk Management Feasibility Study* webpage. For questions or to provide feedback, please contact **SEMIFloodStudy@usace.army.mil**

Operations & Resiliency - Knowledge Transfer

Tom Hall, Director of Operations & Resiliency, continues to collaborate with teams across Wastewater Conveyance, SCC Operations, Water Transmission, and Engineering to strengthen support for GLWA staff. This cross-functional effort is focused on developing comprehensive learning tools and guidance that enable a deeper understanding of the intricate operational and maintenance decisions required to manage the systems effectively. Emphasis is being placed on system performance during wet weather events and periods of elevated summer fresh water demand.

These conditions challenge infrastructure capacity and operational coordination, making it critical for staff to be equipped with the right strategies, procedures, and resources to maintain service continuity and system resilience and Enhancing Operational Readiness During Peak Demand Periods,

Installation of new isolation valve at the Northwest water booster allowing isolation for future maintenance crews and access to reservoir.

Photos from Northwest Water Booster Station Work

New Vault box

New Isolation valve being lowered into place

New man way entry

Reservoir fill valve

OFFICE OF SYSTEM RESILIENCY (continued)

Sherri Gee, Manager of Systems Resiliency, is leading the development of a program to support the identification of Single Points of Failure across GLWA's water and wastewater systems. This initiative aims to strengthen system reliability and inform future planning efforts.

A regional workgroup is scheduled for June 25, 2025, bringing together teams engaged in resiliency projects across southeast Michigan. The goal of the workgroup is to establish a collaborative forum that promotes coordination, reduces redundancy, and enhances the impact of resiliency initiatives. In addition, the creation of podcasts and videos remains an ongoing effort to document and share insights, knowledge, and lessons learned from water and wastewater professionals throughout GLWA.

Charlie Fleetham (Project Innovations) and Kristoff Fagan (Water Operations) filming a video on Single Point of Failure

Energy and Resiliency

The Resiliency Staff attended 2025 Energy Symposium at the University of Michigan, themed "What (Energy Issue) Is Keeping You Up at Night?"

The 2025 Energy Symposium, hosted by the University of Michigan's Institute for Energy Solutions, brought together leading researchers, policymakers, and industry experts for a two-day event focused on the future of sustainable energy. Held across various campus venues, the summit highlighted urgent challenges in energy infrastructure, technology, and policy, underscoring the immediate need for action in the face of climate change. The major topics addressed at the session included cybersecurity in critical energy infrastructure, energy innovations, biofuel advancements, and role of artificial intelligence in energy innovation.

INFORMATION TECHNOLOGY

IT Security

In the past month, the IT Security team has proactively blocked or thwarted 77,128 spam messages, 18,627 spoofed messages and 137 viruses. Additionally, 22,514 phishing attempts have been caught, and 10,436 malware attempts have been blocked.

INFORMATION TECHNOLOGY (continued)

IT Business Productivity Systems

The IT Business Productivity Systems (BPS) team, in collaboration with the Member Services team, completed important upgrades to the Member Outreach Portal in terms of IT security and application stability. The base platform was upgraded to the newest stable version. The Portal's documents were migrated to a private folder to be in line with GLWA standards. For additional security, Single Sign On/Multi-Factor Authentication integration via Entra was implemented for administrator and site maintainer users along with reCAPTCHA security features for regular users.

IT Enterprise Asset Management Systems

The IT Enterprise Asset Management Systems (EAMS) team continues to support the implementation effort for the GLWA's Project Management Information System, Kahua, to deliver Capital Improvement Program (CIP) planning and program and project management delivery. In May, the Project Management Team (PMT) completed several critical discovery workshops including Communications, Work Breakdown Structure, and File Structure as well as Phase 1 (CIP planning) future state high-level business processes. The PMT is focused on completing additional discovery workshops to draft the System Implementation Plan for all project team members to review before it is finalized.

IT Customer Service Delivery

In collaboration with the IT PMO, IT Infrastructure, IT Security & Risk, IT BPS, and IT EAMS teams, the IT Customer Service Delivery team completed the DUO to Microsoft Authenticator project ahead of schedule. The DUO to Microsoft Authenticator project is part of the IT Group's Cyber Security Program which continues to implement solutions enhancing GLWA's security posture. The new Microsoft Authenticator technology will significantly reduce our vulnerability by denying malicious actors access to the GLWA network.

IT Project Management Office (PMO)

Currently, the IT PMO is managing 17 active projects and is processing two project requests. The PMO is also assisting with 18 initiatives.

PUBLIC AFFAIRS

GLWA, DPSCD Unveil New Student Mural Art Outside of Water Resource Recovery Facility

GLWA revealed a new mural art installation titled, "Water Pride," by Heidi Easthouse, an 11th grader at Detroit International Academy for Young Women, at its Water Resource Recovery Facility (WRRF). The mural, which is the result of a contest that GLWA partnered on with the Detroit Public Schools Community District (DPSCD), is the centerpiece of renovations currently underway on the facility's main entrance.

The goal of the mural contest was to create a piece of lasting public art which is the first permanent installation of a public work of art by a current DPSCD student. Andrew McGuire, DPSCD's Fine and Performing Arts Director, helped GLWA identify six teachers and schools willing to participate.

Once the schools were identified, students chose between five water-related themes that spanned topics from environmental sustainability, water recreation, to water and wildlife preservation, where they could create and submit their designs. More than 100 students were involved and ultimately 43 designs were submitted.

As a part of the partnership, GLWA and Detroit Muralist Nick Pizaña conducted 12 classroom sessions to explain to the students where our water comes from, how it's treated, and how the Authority supplies water services to communities in southeast Michigan to help inspire their concept. Pizaña also guided students through the design process, taught them about muralism and street art, what a mural is, and how it's created. He also helped the students create an artist statement to describe their creation and artistic process.

GLWA's Wastewater Operations team picked the top 10 entries. Navid Mehram (GLWA's Chief Operating Officer – Wastewater Operating Services) chose the winning design to be painted on the side of the WRRF Administration building. The remaining nine designs will be framed and displayed throughout the building. Rounding out the top three selections were La'Naiy Wilbourn, an 8th grader at Marquette Elementary-Middle School, whose work was titled "Water is Life," and Naiima Redmond-Andrews, another 11th grader at Detroit International Academy for Young Women, whose work was titled "Communities in Detroit, Connected Like Tubes."

In addition to providing the classroom instruction, GLWA commissioned Pizaña to execute the painting of the winning mural design.

PUBLIC AFFAIRS (continued)

TAP IN Campaign Wins Prestigious AWWA Public Achievement in Communications Award

At the recent American Water Works Association's (AWWA) annual conference in Denver, GLWA's TAP IN campaign was awarded the organization's prestigious Public Achievement in Communications Award. In presenting the award, AWWA pointed out how the TAP IN campaign demonstrated the power of effective communication in promoting the importance of water and building a workplace culture that candidates want to be a part of. This award is the highest communications-focused award that AWWA presents.

Freshwater to Drinking Water Video Scores Emmy Win

GLWA's "Freshwater to Drinking Water: A Splash Course in Water Treatment" animated video that explains how our raw water becomes drinking water through the treatment process, was chosen to receive an Emmy Award in the Public Affairs Program category by the Michigan Chapter of the National Academy of Television Arts and Sciences. This is the third Emmy Award that the Public Affairs Team has won, with the first being for the educational video, "Where Does the Water Go," and the second being for the TAP IN campaign.

National Clean Water Agencies' (NACWA) 2025 Strategic Communications

Public Affairs Management Professional Jason Matthews and Public Affairs Specialist Brett McDonald presented at this year's NACWA Strategic Communications H2O Conference. Brett and Jason's presentation was called, "Make Quality Contest Easy," and covered topics including storytelling, best budget camera, microphones, lighting and editing software. Brett and Jason used GLWA's award-winning One Water News Drop series as an example to help show how we approach storytelling. They also brought a whole audio/video setup to show real life examples of how the equipment is best used.

SECURITY AND INTEGRITY

The Hazmat Unit coordinated and completed a total of 268 hours of training during the month and also completed 482 total training hours for the Security and Integrity group for the month of March.

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

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

Security and Integrity presented to the House Regulatory Reform Committee of the Michigan House of Representatives with staff on several pending house bills.

ORGANIZATIONAL DEVELOPMENT (OD)

Performance Team

Internship

In May, a total of 29 interns were successfully onboarded. This cohort marked the launch of our first all-intern onboarding and orientation sessions, which included an introduction to the HUB, a Microsoft Teams channel with a dedicated space for interns to connect, collaborate, and build their networks. Organizational Development will regularly share training materials and other resources on the HUB to support interns in their professional development.

Apprenticeship

Adino May, Alicia Parker, and Patricia Butler attended the Michigan Educators Apprenticeship & Training Association (MEATA) conference in Port Huron. GLWA's Lake Huron Water Treatment Plant hosted a pre-conference activity tour for the MEATA conference on May 20, 2025. Plant Manager Christopher Steary and six apprentices conducted a tour for 12 participants from Michigan's higher education community. The apprentice tour guides included water technician apprentices Brendan Irwin, Brendin Eagle, Xavier Lashbrook, Justin Moody, and Serenity Peltier, and instrumentation technician apprentice Alfred Stepp.

MEATA Pre-Conference Activity Tour at Lake Huron Water Plant

GLWA received $119,000 in funding in Fiscal Year 2025 to support the apprenticeship program:

- GLWA received $17,000 in grant funding from Focus: HOPE as a fulfillment of the Michigan Industry Cluster Approach (MICA) grant.
- GLWA received $102,000 in grant funding from Detroit Employment Solutions Corporation to offset the cost of apprenticeship training.

ORGANIZATIONAL DEVELOPMENT (continued)

Performance

The 2024-2025 Final Performance Review for Union and Non-Union Team Members was launched on Monday, May 5, 2025, which was due on Wednesday, June 4, 2025.

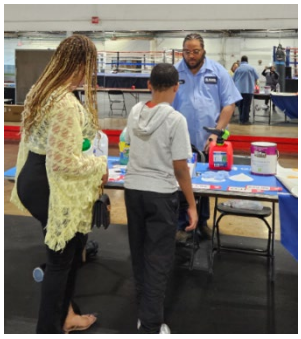
Outreach and Events

The Performance Team participated in a career fair at Lincoln Park High School to share career information with students.

Benefits and Wellness

Community Relations - Water Operations And Wastewater Operations

GLWA team members LaRico Andes, Engineer, Springwells Water Plant, Ursula Gray, Water Quality Management Professional, Water Works Park, and Jonathan Arbaugh, Wastewater Engineering Management Professional, Water Resource Recovery Facility, participated in the Downtown Boxing Gym's (DBG) Science Technology Engineering Arts Mathmatics (STEAM) Day Saturday, May 10, 2025.



LaRico Andes, Engineer Springwells Water Plant

Ursula Gray, Water Quality Management Professional, Water Works Park

Presenting to STEAM educators in the morning about the drinking water and water resource recovery processes, LaRico, Ursula and Jonathan also provided hands-on interaction for the STEAM students, their parents, and the public with the interactive wastewater treatment process model and two interactive educational games. With *The Price Is Right*, students guessed the true cost of water. With *What the Flush*, students learned what should not be flushed.

ORGANIZATIONAL DEVELOPMENT (continued)

GLWA team members educating students and parents

DGB is recognized as a national leader in STEAM youth development by philanthropist Mackenzie Scott, the National Science Foundation, and the Library of Congress. Nationwide, they are reshaping education, transforming mentorship, and inspiring tomorrow's leaders.

Jonathan Arbaugh, Wastewater Engineering Management Professional, Water Resource Recovery Facility

During May, 19 benefits and well-being sessions were delivered to 292 GLWA team members. Session topics included:

- Retirement plan education (38)
- Meditation (60)
- Virtual Well-being (61)
- BCBSM Senior Series (28)
- Transformation Thursdays (34)
- Women's Health (71)

Office hour sessions were held at six facilities. Services were delivered to 115 GLWA team members. Facilities serviced include:

- Central Services Facility (6)
- Lake Huron Water Plant (5)
- Northeast Water Plant (6)
- Southwest Water Plant (3)
- Water Works Park (42)
- Water Resource Recovery Facility (53)

John MacDermid (OD Intern), Lesley Williams, Au Lisa McGovern, Morgan Mindingall, Sherrian Greenwood

During May, 274 service inquiries were addressed for 244 team members. The top three topics included:

- Benefit inquiry
- Leaves of absence
- New Hire assistance (1st six months)

ORGANIZATIONAL DEVELOPMENT (continued)

Blue Cross Blue Shield Wellness Wednesday Meditations

The May 2025 Blue Cross Blue Shield Meditations introduced GLWA team members to breathing techniques to ease stress, release tension and boost energy. The four sessions highlighted also helped team members connect with their inner joy:

- 4-7-8 Breathing
- Lion's Breath
- Cultivating Happiness and Joy
- Drawing the Breath

Blue Cross Blue Shield Drop 5 Virtual Weight-Loss Community

The Blue Cross Blue Shield Drop 5 Virtual Well-Being for May 2025 helped GLWA team members establish routines to include manifestation, weekly strength training, taking a walk after a meal and creating mindful art to connect with our thoughts, feelings and emotions. The topics included:

- Walking Speed: The Sixth Vital Sign
- Creating Mindful Art with Marissa Workshop
- How Manifestation Can Improve Your Well-Being
- Control Blood Sugar Levels with a Post Meal Walk
- Let Us Convince You Why You Should Do Weekly Strength Training

GLWA Support for Working Mothers

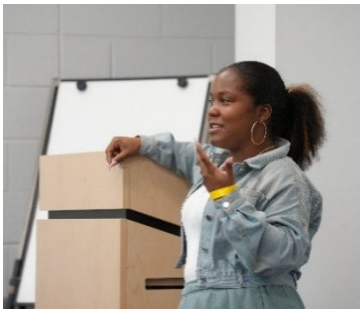
A buzz was in the air on May 9th for 30 GLWA working mothers who met to network, experience mindfulness through restorative yoga with a sound bath, and gain knowledge from guest speaker, Sati Smith, CEO, Diversified Members Credit Union (DMCU). Marking a historic milestone in the organization's leadership, she is the first African-American CEO of DMCU.

Madelyn Showler, Office Support Specialist, Lake Huron, and Kendra Taylor, Professional Administrative Analyst, Financial Reporting and Accounting

ORGANIZATIONAL DEVELOPMENT (continued)

Sati Smith, CEO, Diversified Members Credit Union

Sharing her journey as a single mother working her way up the ladder from a customer service representative to CEO, she challenged the group to pursue their goals and not let anyone, or anything, get in their way.



Lynn Herrick, IT Director - Strategic Planning & PMO and Rainesha Williams-Fox, Management Professional - Conveyance & CSO

Participant survey results indicated, on a scale of 1-5, (*5 being Very Satisfied):*

1. Event Experience 75% rated it 5
2. Program content 75% rated it 5
3. Registration Process 75% rated it 5
4. Was the speaker/instructor knowledgeable of the subject 75% rated it 5
5. Did you learn something to improve your well-being? 100% said yes
6. Would you recommend this event to a team member? 100% said yes

Some comments provided were:

- I thoroughly enjoyed this event for us woman but more specifically, our working mothers. Though the admiration, appreciation and support are always there for our mothers, an actual networking event to show support made it feel even more real and true.
- I am excited to see what future events will be held that I can join.
- I wish there were a way to take that yoga/meditation session every day! Wonderful!

ORGANIZATIONAL DEVELOPMENT (continued)

Group Photo: GLWA Support for Working Mothers - May 9, 2025
at the WCCCD Curtis L. Ivery Wellness and Education Center

Talent Management

Staffing

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

Number of New Hires	17
Number of Separations	8
Total Staffing - Regular FTEs (YTD)	1086
Total Staffing – Part-Time (YTD)	11

FINANCIAL SERVICES AREA

May 2025 Audit Committee Recap

The May 2025 regular monthly Audit Committee meeting was rescheduled and held on Friday, June 6, 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
- ✓ Monthly Financial Report for February 2025
- ✓ Gifts, Grants & Other Resources Report
- ✓ Quarterly Investment Report
- ✓ Quarterly Economic Outlook Task Force Update
- ✓ Procurement Pipeline for April 2025

FINANCIAL SERVICES AREA (continued)

Other notable reports that were received and filed:

- ✓ 2025 Bond Transaction Rating Agency Update
- ✓ Ten Year Financial Projection Update
- ✓ Charges Outreach and Modeling Update – 2026 Cost of Service Study

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

- ✓ Resolution Regarding Approval of Series Ordinance Authorizing Issuance and Sale of Water Disposal System Revenue Bonds for FY 2025 Drinking Water State Revolving Fund Projects which supports capital improvement projects for Detroit Water and Sewer Department (DWSD)
- ✓ Resolution Regarding Approval of Series Ordinance Authorizing Issuance and Sale of Sewer Disposal System Revenue Bonds for FY 2025 Clean Water State Revolving Fund Projects which support capital improvement projects for both DWSD and GLWA
- ✓ Proposed Appointment of External Auditor
- ✓ FY 2025 Third Quarter Budget Amendments and Proposed Budget Resolution

Affordability & Assistance Update

The Affordability & Assistance team is excited to announce a realignment of the Water Residential Affordability Program (WRAP) service areas. Beginning July 1, 2025, six service areas will be rolled out to service the counties receiving WRAP assistance. In addition, we are also collaborating with four service delivery partners who are committed to supporting our ongoing efforts.

The new service areas and service delivery partner alignment is defined as follows:

		WRAP Service Delivery Partners			
		Wayne Metropolitan Community Action Agency	**Genesee County Community Action Resource Department**	**United Way for Southeastern Michigan**	**Macomb Community Action Agency**
Area 1	**City of Detroit** ***(WRAP is a funding source used to support the City of Detroit Lifeline Program)***	X			
Area 2	**City of Flint**		X		
Area 3	**Wayne County *(Outside of the City of Detroit)* and Monroe County**	X			
Area 4	**Oakland County**			X	
Area 5	**Macomb County, Lapeer County and St. Clair County**				X
Area 6	**Washtenaw County**			X	

FINANCIAL SERVICES AREA (continued)

For more information on WRAP, including details about our service delivery partners, flyers (available in four different languages), frequently asked questions, and reports, please visit www.glwater.org/assistance.

On May 8, the Michigan section of the American Water Works Association (AWWA), Women on Water (WOW) hosted an engagement panel featuring accomplished water professionals. This meeting was led by GLWA's Affordability & Assistance leader, and WOW Committee Chair, Haran Stanley. This event provided an opportunity for the over 60 registered participants to share both their personal and professional experiences working in the water sector. The next WOW event is scheduled during the 87th MI-AWWA Annual Conference and Exhibits which will be held from September 9-12, 2025.

New FSA Lunch and Learn

On May 21, 2025, the Financial Services Area (FSA) hosted its 5th lunch and learn session titled, "CD Allocations Overview". At GLWA, centralized (C) and administrative (D) operating costs are shared by the water system and sewer system. The allocation of these costs for reporting financial results and charge setting are core to the integrity of those needs.

Lisa Mancini and Jay Oswalt sharing how the FP&A Team manages CD allocations

This session was introduced and led by FSA Director and Chief of Staff, Lisa Mancini and Financial Planning & Analysis (FP&A) Management Professional Jay Oswalt. They provided an overview of CD allocations administration which included key components of CD allocation accounting. In addition, the session outlined FSA roles and responsibilities as well as highlighted relevant accounting and reporting references.

This peer-to-peer lunch and learn series not only fosters professional development and knowledge sharing within GLWA, but also provides team members with the opportunity to share relevant information during their lunch break.

Procurement Update

Please save the date! We are excited to share that the 2025 Vendor Outreach Event will be held on September 25, 2025, at Macomb Community College in Macomb County. More information will be forthcoming as the date gets closer. We look forward to seeing everyone there.

The May 2025 Procurement Pipeline is attached. This edition includes a list of upcoming solicitations.

OFFICE OF THE GENERAL COUNSEL

***Legislative Updates*:** The Office continues to monitor infrastructure spending bills at the federal and state level, supporting the activities regarding proposed water affordability legislation, working with others to develop state stormwater utility legislation, and continuing discussions with members of the U.S. Congress, staffers, and various representatives of several regulatory agencies such as the EPA, to discuss various GLWA projects and capital improvement plans.

***Gordie Howe International Bridge*:** GLWA filed a notice of claim with the Court of Claims related to its relocation claim. Discovery continues in this matter through January and depositions are being scheduled. The Court entered a Stipulated Scheduling Order and Mediation was conducted for ½ day on December 6, 2024. Each party rejected Magistrate Mona Majzoub's settlement proposal. MDOT's Motion for Protective Order was denied. GLWA's Expert Witness has been deposed, and Discovery is now closed. A trial date will be set after any dispositive motions are filed and heard.

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

Negotiations with the City of Dearborn: GLWA team members met with Dearborn representatives on March 17, 2025, in response to the Dearborn Mayor's concerns regarding potential infrastructure failure in the City of Dearborn following the severe water main break in Southwest Detroit. The GLWA team will resume discussions with Dearborn regarding the specifics of the proposed negotiations of a model contract on June 26, 2025.

Highland Park Settlement Agreement: On February 14, 2024, the GLWA Board voted to approve of the settlement agreement in final (or next to final) form. On March 18, 2024, the Highland Park City Council unanimously approved the Settlement Agreement between GLWA and the City. When the Settlement Agreement is fully executed, the trust incorporated as a part of the Settlement Agreement is funded, and initial distributions from the trust are received, the Highland Park litigation will be closed. The trust has been funded and the initial distributions from the trust have been received. On June 10, 2024, the following Stipulated Orders were submitted to the Court: a stipulated order to dismiss the 2014 case; a stipulation for dismissal of the 2023 appeal from the 2014 case; a stipulated order for dismissal of the 2020 case; and a stipulated order for release of the cash bond to GLWA in the federal case. As of this reporting, all Stipulated Orders have been entered by the courts, and the cash bond in the federal case has been returned to GLWA.

OFFICE OF THE GENERAL COUNSEL (continued)

The parties, along with the Michigan Department of Environment, Great Lakes, and Energy (EGLE) have agreed to water meter locations and are now working to have those meters designed. The GLWA team and representatives of Highland Park are scheduled to meet within the week to discuss progress to date and city concerns in Highland Park.

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

Wolf, et al v GLWA: On March 11, 2025, Plaintiff, Laurence Wolf filed Case No. 25-003683-CZ in Wayne County Circuit Court against the Great Lakes Water Authority. This putative class action challenges the Industrial Waste Control Charges GLWA charges its non-residential property owners. GLWA's First Response Pleading was due 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.

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

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

Environmental and Workplace Safety Compliance**:** The Office continues to work with the Chief Operating Officer and team leaders from both the water and sewer systems to comply with regulations and to respond to any alleged violations.
NPDES Permit Negotiations: OGC staff attended a meeting with EGLE/Water Resources Division and discussed the upcoming negotiation meetings. EGLE's goal is to have the National Pollutant Discharge Elimination System Permit finalized by the fall of 2025.

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

OFFICE OF THE GENERAL COUNSEL (continued)

***Industrial Pretreatment Program ("IPP") & Industrial Waste Control Group (IWC*)**:* The Office continues to provide assistance on PFAS and PFOS matters. The Office is involved with ongoing Permit discussions with several Permit holders. OGC staff coordinated with IWC to conduct a Conciliation Meeting with Fitzgerald Finishing Industries and resolved the significant non-compliance issue. Formal Publication will take place in June 2025.

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

Easements for 42" Water Main Affecting Mt. Clemens Connection Project: The Office is working to secure permanent easements for two segments of the 42" water main constructed in approximately 1994 in Harrison Township along I-94 near the former Gibraltar Trade Center.

It recently came to light that, for unknown reasons, two parcels do not have permanent easements acquired. The Office is working expeditiously to secure said easements to ensure continued progress of the Mt. Clemens water connection project to the GLWA 42" water main.

***Member Outreach*:** The Office continues to be an active participant in Member Outreach sessions. OGC is reviewing the GLWA Fraud and Ethics Hotline as part of the relaunching efforts.

***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 June 24, 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 IWC charges and the collection actions against Highland Park. On June 3, 2025, this office received a Notice of Intent to sue regarding the 54-inch Water Main Transmission failure in Southwest Detroit. While no Complaint has been filed in this proposed Class Action, Plaintiffs are alleging a "sewage disposal system event in an effort to avoid Governmental Immunity.

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

OFFICE OF THE GENERAL COUNSEL (continued)

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

***Statistics*:**

	#
Contracts approved as to form:	30
Contracts drafted or revised:	118
Subpoenas/Information requests received:	7
Subpoenas/Information responded to:	4

Respectfully submitted,

Suzanne R. Coffey

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

SRC/dlr
Attachment: May Procurement Pipeline

Procurement Pipeline

Great Lakes Water Authority (313) 964-9157 www.glwater.org **May 2025 - Volume 69**

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

***Procurement Tip of the Month*: Navigating GLWA's Bonfire Procurement Portal**

Vendors visiting GLWA's Bonfire Procurement Portal homepage may navigate through four distinct tabs that provide both current and prospective vendors with important information about GLWA opportunities and contracts. GLWA encourages vendors to explore the Bonfire Portal to gain greater familiarity with past and present projects as well as the GLWA procurement process. Read below to learn more about the information contained in each tab.

Open Public Opportunities – In this tab, vendors can view a full list of GLWA open opportunities. Selecting "View Opportunity" takes vendors to the project page where they can download project information and documents, review public notices from the GLWA buyer, and submit questions.

Past Public Opportunities – In this tab, vendors can view a searchable list of projects that were previously advertised as open opportunities. Selecting "View Opportunity" takes vendors to the project page where they can view project details, supporting documentation, and all past communications to vendors from the GLWA Buyer.

Public Contracts – In this tab, vendors can view a searchable list of GLWA's public contracts. Selecting "View" on any contract will allow vendors to see the awarded vendor, the contract's start date, end date, status (whether active, expired, pending, or terminated), and if it is extendable. In addition, vendors can also review a copy of the executed contract, as well as any change orders, amendments, or extensions.

My Opportunities – In this tab, vendors can view both opportunities that they have been invited to participate in and opportunities that they have created submissions for. Note that while a Bonfire vendor profile is *not* required to view Open Public Opportunities, Past Public Opportunities, or Public Contracts, to receive an invite to, or to submit a bid/proposal for, a GLWA project, vendors must create and maintain an active profile in Bonfire. Questions navigating the GLWA Bonfire portal or creating a free Vendor profile may be directed to GLWAVendorOutreach@glwater.org.

Virtual Vendor Introduction Meetings

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

Keeping up with GLWA

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

What's Coming Down the Pipe?

Current Solicitations: Register in GLWA's Bonfire Procurement Portal for new solicitations and contract award information.

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

Visit GLWA online!

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

Upcoming Solicitations May 2025

Category	CIP #	Description/Project Title	Budget Estimate
Water System (next four to nine months)			
Construction	111001	Lake Huron Water Treatment Plant – LH-401 Switchgear and Low Lift Improvements	$95,000,000
Design Build	170803	Reservoir Rehabilitation Phase III	$51,830,000
Wastewater Systems (next four to nine months)			
Construction	273001	Hubbell Southfield CSO Facility Improvements	$56,000,000
Construction	261001	Critical Repairs to Secondary Clarifiers and B-Houses	$4,360,000
Design	270002	Meldrum Sewer Diversion and VR-15 Improvements	$2,000,000
Construction	211009	EB-20 Substation Replacement and Primary Area Gas Detection System Upgrade	$4,400,000
Design	270009	Site improvements at BC, BLI and STA CSO Facilities	$640,000
Water System (next three months)			
Professional Services	O&M	Sludge Contract	$22,498,000
Wastewater (next three months)			
Construction	232002	Conner Creek Sanitary Pump Station	$167,000,000
Construction	213006	WRRF Improvements to Sludge Feed Pumps at Dewatering Facilities	$16,000,000
Construction	260904	WRRF 3rd Floor Renovation (New Administration Building)	$9,900,000
Construction	270006	CSO Facility Improvements II	$18,900,000
Projects moved to Procurement Team (Preparing for solicitation on Bonfire)			
Professional Services	O&M	Investment Advisor	$2,200,000
Professional Services	O&M	Crane Rental	$853,125
Professional Services	O&M	Staffing Services	$500,000
Design	113010	Southwest WTP Flocculation Improvements	$4,933,000
Professional Services	O&M	Oakwood Sewer District PFAS/PFOS Assessment and Remediation Opportunities	$2,000,000
Professional Services	O&M	Valve Reconditioning Service	$54,000,000
Construction	122016	Downriver Transmission Main Loop – Phase 1 – Inkster Road	$2,172,102
Professional Services	O&M	Gate and Fence Maintenance/Repair Services	$750,000
Professional Services	O&M	Refuse and Recycling Services	$654,000
Professional Services	O&M	Glass and Glazing Repair/Replacement Services	$400,000
Professional Services/Supplies	O&M	Flooring Covering	$246,000
Construction	270006	CSO Facility Improvements II	$17,500,000
Construction	260904	Renovation of the New Administration Building 3rd Floor	$8,500,000
Construction	260510	CSO Outfall Rehabilitation Phase VI	$10,000,000
Construction	260206	Rehabilitation of 7 Mile Sewer System	$10,000,000
Professional Services	O&M	System Control Center Support Services	$4,935,840
Design	270007	CSO Facility Disinfection Improvements	$2,063,930
Supplies	O&M	Phosphoric Acid	$1,969,800
Construction	211005	Pump Station 2 VFD Replacement at WRRF	$20,000,000
Professional Services	O&M	Sludge Removal – Northeast WTP	$22,498,060
Supplies/Equipment	O&M	Inductively Coupled Plasma Mass Spectrometer (ICP-MS) System	$200,000

Vendors should continue to monitor Bonfire for solicitation updates.

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