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

July 23, 2025

The Honorable
Board of Directors
Great Lakes Water Authority

RE: CEO Report – July 23, 2025

Chairperson Miller and Directors,

I will begin my report by sharing two operational challenges experienced by the Great Lakes Water Authority's Water Operations Team recently.

First, during the course of the July 4th weekend, GLWA discovered a leak on its 36-inch water transmission main on Gratiot Avenue between 24 and 25 Mile Roads in Chesterfield Township.

Due to the potential impact on Chesterfield Township, as well as the two other impacted communities of Lenox Township and the Village of New Haven, GLWA opened an emergency operations center (EOC) on Monday, July 7, 2025. Daily meetings of the EOC were conducted throughout the emergency response, and our Field Service Team also held operational meetings with representatives of our member partner communities, sometimes multiple times each day.

After much coordination between GLWA and the impacted communities to ensure pressure could be maintained, albeit at lower levels, on the regional and local systems, isolation on the 36-inch was achieved by mid-week and the repair of the damaged main was completed by the end of the week.

Two rounds of water quality testing were conducted as required, and by Tuesday, July 15, 2025, GLWA was able to work with the communities to return the regional system back to normal operations, and by the end of the week, restoration of the leak-site had been completed.

I want to express my sincere thanks to Chesterfield Township, Lenox Township and the Village of New Haven for their partnership and collaboration throughout this difficult situation. It took some very complex maneuvering of the regional and local systems to ensure that water could continue to flow during the repairs, and the knowledge of your teams and their willingness to explore many different options was essential to achieving the rather speedy repair.

As we do at the completion of all emergency operations, we will be hosting an after-action meeting to understand what happened, evaluate our response and determine how we can improve. Our teams, as well as representatives from our impacted member partner communities, as well as other key stakeholders, will participate.

Second, on July 16, 2025, we experienced a momentary loss of externally supplied power to one of the transformers at our North Service Center facility, which caused several pumps at the facility to trip simultaneously. As a result of this power loss, which was outside of our control, one of the city of Madison Heights' meters experienced a sudden increase in pressure of approximately 30psi, which may have caused disruptions across their local system.

It is our intent to partner with Madison Heights to engage DTE Energy, our external power supplier, in developing a solution to these frequent power interruptions impacting both the regional and local systems.

Recently, our Office of System Resiliency, in partnership with SEMCOG, convened a regional forum focused on flood resiliency where representatives from 10 active flood resiliency projects across southeast Michigan gathered to share updates, identify opportunities for collaboration, and begin building a long-term framework for aligning projects, data and timelines. This meeting compliments our ongoing Southeast Michigan Flood Mitigation Study and reflects a broader commitment to coordinated, region-wide resiliency planning. You can read more about the forum on page 38.

Staying with the theme of regional collaboration, the second convening of our HR Roundtable took place on June 5, 2025. The event brought together human resources and public works professionals from our member partner community to discuss the formation of an employer-led collaborative to tackle workforce challenges in the water sector using a talent pipeline management approach, a strategy focused on creating a continuous flow of qualified candidates to meet current and future workforce needs.

At the meeting, the group identified mid-level water operators, electricians, engineers, and information technology professionals as the positions most in-demand.

Before moving on to the recognition section of my report, I would like to take a minute to acknowledge the 85th anniversary of our Water Resource Recovery Facility (WRRF)! Since its first day of operation in 1940, the WRRF has evolved into the largest single-site wastewater treatment facility in North America.

As we honor this important legacy, we look forward to continuing our environmental stewardship and community support for many years to come. In recognition of this important milestone, our Public Affairs Group created a special One Water News Drop to celebrate 85 years of dedication and progress at the WRRF. You can watch it here.

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

First our Young Professionals Resource Group has new leadership. I want to say congratulations to the group's new chair, Rainesha Williams-Fox, who is the Management Professional, Equipment and Data Reliability in Wastewater Conveyance, and the group's first-ever Vice Chair Darian Wells, who serves as a Management Professional in Water Operations. I also want to thank the outgoing Chairperson, Brooke Ballard, who served in that role for a little over two years.

Finally, I want to congratulate our Procurement Team, who was recently awarded the prestigious 2025 Annual Achievement of Excellence in Procurement (AEP) from the National Procurement Institute. The AEP award recognizes procurement organizations that embody professionalism, productivity, leadership and encourage innovation. For 2025, GLWA was one of 216 successful applicants, and one of only three Michigan agencies to receive this award. Way to go, Procurement Team!

PLANNING SERVICES

Capital Improvement Planning (CIP)

In June, the Capital Delivery Team successfully completed the project scoring phase for the FY 2027-2031 Capital Improvement Plan (CIP) development. As part of this effort, the CIP Group facilitated a Review Committee Scoring session. This occurred on June 16, 2025, and focused specifically on new water projects. Project managers introduced nine new water projects and one new water program. The table below depicts new proposed projects in the FY 2027-2031 CIP.

This year, no new wastewater projects were proposed for the FY 2027-2031 CIP. Additionally, none of the existing CIP water and/or wastewater projects eligible for re-scoring experienced a change of more than 10 points. Therefore, none required Review Committee (RC) re-evaluation. Thus, a wastewater scoring review committee session was not warranted.

FY 2027-2031 CIP New Proposed Projects

CIP Number	Title	PM Score	RC Score
170605*	42-inch Squirrel, Auburn Hills – Condition Assessment	77.7	58.4
170606*	120-inch Pipeline Renewals	80.7	77.5
170607*	42-inch Tyler-North, Van Buren Twp – Condition Assessment	72.6	57.5
170507***	Water Transmission, Valve, Emergency, and Other Urgent Repairs – Contract 2	100	100
170700**	Transmission Pump Station Mechanical / Structural / Architectural Improvements Program	NA	NA
114019	Springwell Sedimentation Basins Sludge Processing Facility	94.6	74.4
116101	Design/Inspection of Raw Water Tunnels	78.4	59.4
112009	Northeast Sedimentation Basins Sludge Processing Facility	92.7	74.4
122024	Central Post Beard Transmission Main Renewal	90.1	75
122025	Morang Transmission Main Replacement	62.7	63.9

** From existing Programs ** New Program (does not require scoring) *** Emergency Services Contract*

PLANNING SERVICES (continued)

The CIP Group extends sincere appreciation to all members of the scoring RC. This includes Great Lakes Water Authority team members and our valued partner community representatives, Michael Way from Grosse Pointe Shores and John Danci from the City of Dearborn Heights. Their insights, engagement, and thoughtful contributions were instrumental in supporting a thorough and equitable assessment process. This enabled the CIP team to effectively prioritize and plan projects. We are truly grateful for the time and commitment invested by each committee member—their dedication is vital to shaping the future of our region's infrastructure.

FY 2027-2031 CIP -Water Scoring Review Committee
Cheryl Porter, Chief Operating Officer - Water Services
Terry Daniel, Deputy Chief Operating Officer
Biren Saparia, Director - Systems & Resiliency
Chandan Sood, Director - Water Analytics, Planning & Metering
John Danci, City of Dearborn Heights
Michael Way, Grosse Pointe Shores*
Michael Dunne, Manager, Life Cycle Project Manager
Peter Fromm, Director - Water Transmission
Ronald Hayes, Director - Water Operations
Steven Dutschke, Director - Enterprise Asset Management
Timothy Kuhns, Director - Water Engineering
Eric Kramp, Life Cycle Project Manager (Scoring Alternate)
Erich Klun, Life Cycle Project Manager (Scoring Alternate)

**Wastewater Meeting was not warranted, Michael Way attended the Water Scoring Committee meeting*

The successful completion of the project scoring phase marks another key milestone in the CIP development process. The Capital Delivery Team and the Review Committee's scoring efforts ensured that new water projects were carefully evaluated and prioritized based on the needs of the regional system.

Additionally, in June 2025, the CIP Group hosted a lunch and learn session for CIP Delivery Teams, focusing on Chapter 15 of the Program Management Plan (PMP), which focuses on CIP Planning and Development.

PLANNING SERVICES (continued)

JUNE LUNCH AND LEARN
PMP -Chapter 15 CIP Planning and Development

With support from GLWA's program management consultant AECOM, the CIP Group continued collaboration with the Information Technology group on the implementation of Phase 1 of GLWA's Project Management Information System, Kahua.

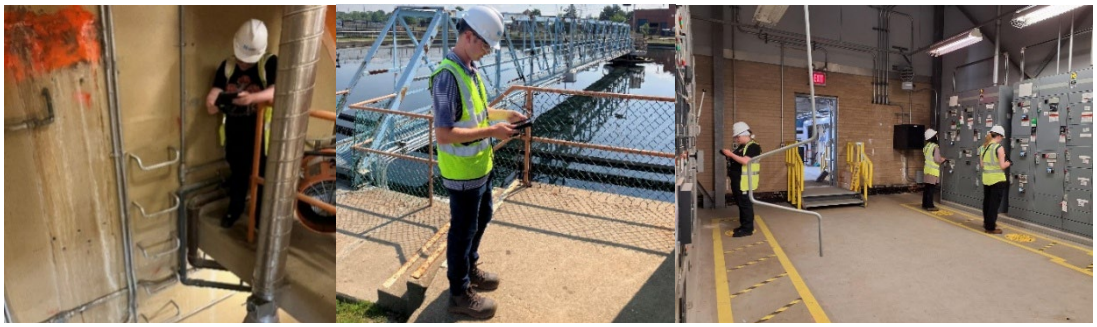
The CIP Group's collective efforts, summarized above, have reinforced the strength of the planning process and continue to lay a solid foundation for effective project management and delivery in the years to come.

Enterprise Asset Management Group (EAMG)

The EAMG group spends the summer months leveraging GLWA's intern program to perform asset audits at GLWA facilities. This year, the team has three interns who are spending the summer visiting GLWA facilities, capturing critical asset information in GLWA's Computerized Maintenance Management System, NEXGEN, labeling each asset with a machine-readable code, and updating that asset in NEXGEN with appropriate preventive maintenance programs.

This effort provides valuable information for GLWA's Asset Management Program and assists GLWA's operations and maintenance teams by facilitating the capture of issues, maintenance needs, and aligning correct information to specific assets.

PLANNING SERVICES (continued)

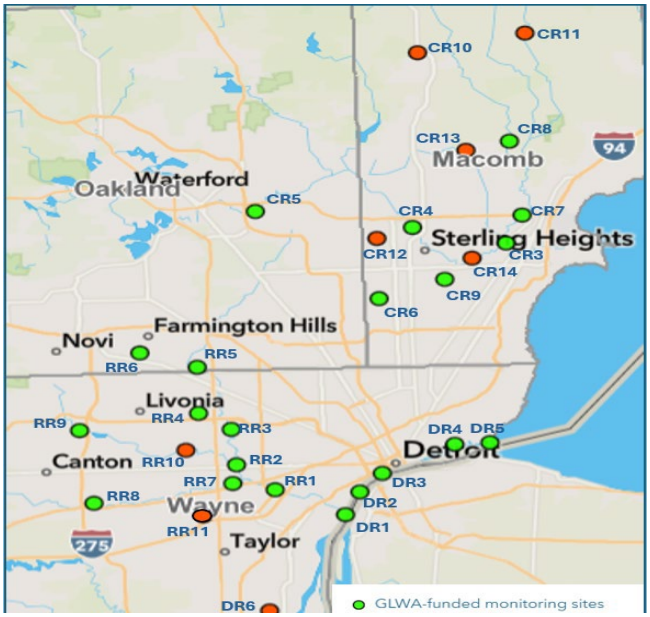


GLWA interns Alexandra Kochanek and Weston Schroeder tagging and auditing assets at the WRRF

Member Services Group

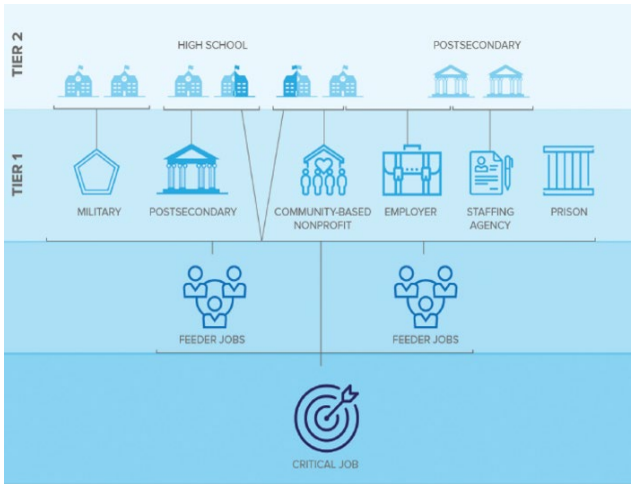
The June 3rd *Water Analytics Work Group (AWG)* meeting began with an update on corrosion control activities detailing GLWA's increased orthophosphate dosage to assist with lead action level compliance. This was followed by a presentation on Wholesale Automated Meter Reading (WAMR) system updates, highlighting its features for monitoring water consumption and contract compliance. The meeting also included a discussion on proposed changes to the water contract reopener methodology, considering a shift in how contract values are established. Finally, updates were provided on several GLWA capital projects, including the 96-inch Water Main Relocation, Northeast Water Treatment Plant Filtration Improvements, and the Downriver Transmission Main Loop projects. The next AWG is scheduled for July 22nd as a virtual (Zoom) meeting.

The *Watershed Hub Work Group* meeting on June 4th began with a debrief from the group's April webinar, with a conversation towards future events or workshops that will garner Member participation. Next, updates were shared for the Regional Water Quality Monitoring Program that GLWA is implementing in partnership with the United States Geological Survey (USGS). The USGS is in the final stages of installing permanent monitoring equipment at four sites and is currently collecting data at all 21 sites included in the plan. The group also discussed the next steps for the Investigational Grab Sampling Program and shared notes on sampling activities that are now underway in Macomb, Oakland, and Wayne counties. The next meeting of this group is scheduled for August 20th.



Map of all USGS monitoring sites in the Clinton, Rouge, and Detroit Rivers. Green dots are GLWA funded, and red dots represents sites funded by others

PLANNING SERVICES (continued)



Example of a talent supply chain network sourced from the US Chamber of Commerce Foundation

The second convening of the *HR Roundtable* took place on June 5th where GLWA Organizational Development team members and public works professionals and Member communities discussed the formation of an employer-led collaborative to tackle workforce challenges in the water sector using a talent pipeline management approach, a strategy focused on creating a continuous flow of qualified candidates to meet current and future workforce needs. The group identified mid-level water operators, electricians, engineers, and information technology professionals as positions most in demand. The collaborative named itself "Michigan Water Exchange" and committed to regular meetings to raise awareness of water sector opportunities and to recruit and cultivate talent. The next meeting of this group is scheduled for July 17th.

Nearly 90 members gathered virtually on June 10th for a webinar on the Wholesale Automated Meter Reading system, a web-based tool from GLWA that allows Member Partners to monitor and manage their wholesale water use.

The system enables users to proactively identify and address issues impacting water usage, billing, and contract compliance. The webinar also detailed the required documentation for main breaks (work orders, invoices, MISS DIG tickets) and fires (incident reports, estimated usage, hydrant use) for exceedance review by the contract negotiation team. An instructional video with a step-by-step guide on how to use these WAMR features can be viewed here.

PLANNING SERVICES (continued)

The *One Water Partnership* (OWP) meeting on June 26th featured an overview of the WAMR system and its role in 2026 contract reopeners, followed by a full group exercise to identify common behaviors in high-performing teams. Updates and announcements included discussions on the Water Resource Recovery Facility DTE power feed and the results of GLWA's 2025 bond transaction, which achieved favorable outcomes and substantial savings. Finally, the Michigan Department of Environment, Great Lakes, and Energy (EGLE) provided updates on the leadership of the Water Resources Division, proposed changes to the Collection System General Permit, and operator certification requirements.

Left: *GLWA Chief Planning Officer, Jody Caldwell, provides opening remarks at the June OWP meeting.* ***Right:*** *Navid Mehram, GLWA Chief Operating Officer – Wastewater Services, presents Phil Argiroff of EGLE with an award in recognition of his 38 year career collaborating with regional stakeholders to protect Michigan waterways.*

The next OWP meeting is scheduled for September 18th.

Wastewater Analytics, Planning & Metering (WwAPM)

In June, the WwAPM Group supported the Chief Operating Officer of Wastewater and Member Partners with emergency scenario planning by conducting hydraulic simulations of the sewerage system with ad-hoc control scenarios. The Storm Water Management Model was modified to incorporate assumptions related to power distribution to gain a better understanding of system responses during abnormal periods.

Construction began for the installation of a new level transmitter downstream of the City of Grosse Pointe Neff Road Pump Station. The purpose is to gain a greater understanding of wastewater conditions during wet weather by measuring the level at this location. This is the culmination of a collaborative effort with the City of Grosse Pointe to improve flow monitoring in this area.

On June 30th, members of the Wastewater Think Tank, a group of members discussing possible changes to wastewater cost allocations, met to review a proposed scope of work to consider a modeling approach to estimate peak flow and wet weather volume.

PLANNING SERVICES (continued)

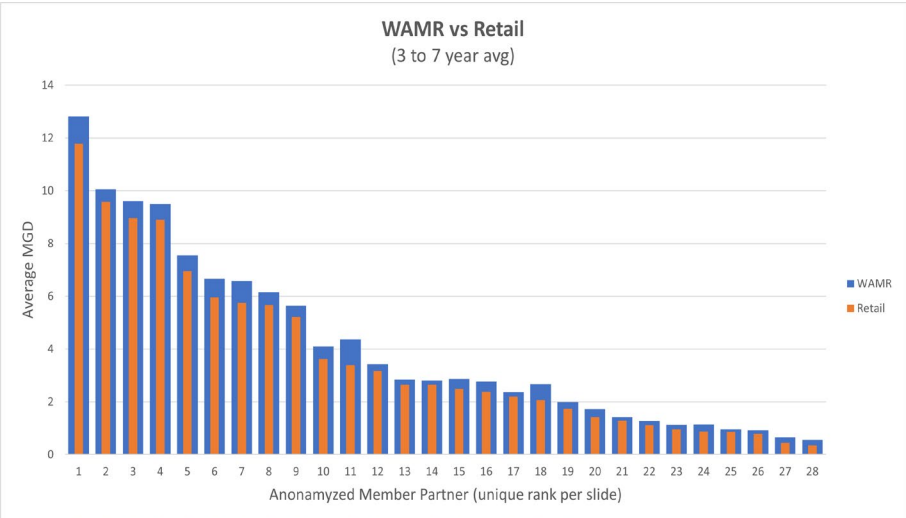
Water Analytics, Planning & Metering (WAPM)

The Water Analytics, Planning, & Metering (WAPM) group conducted the annual Wholesale versus Retail water volume analysis. This is a high-level, voluntary audit to identify inconsistencies. This year's analysis included 28 unique Member Partners. The data received corresponds to 44% of wholesale master meters and 45% of the total flow for master metered Member Partners. The results of the analysis was presented to Member Partners at the Water Analytic Work Group (AWG) meeting on July 22, 2025.

The key takeaways from this analysis are:

- No Member Partner has negative or zero Non-Revenue Water (NRW) which is water that is not accounted for or billed (e.g., water loss, hydrant use).
- Two Member Partners have high NRW, which is under investigation
- Two Member Partners with low NRW, which is under investigation
- GLWA is using ongoing analytics to find consumption abnormalities

The chart below represents the 2025 Wholesale versus Retail volume comparison. This analysis has been performed over the last seven years. Some Member Partners have provided data for all seven years; however, some have only provided data for three years. To graphically compare all participants' data, the annual retail sales data and the annual Wholesale Automated Meter Reading (WAMR) data were averaged based on the number of years that retail data was provided.



2025 Wholesale vs Retail volume comparison (3-to-7-year daily average)

WASTEWATER OPERATING SERVICES

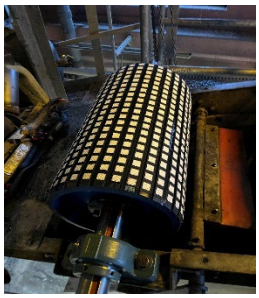
Operations

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

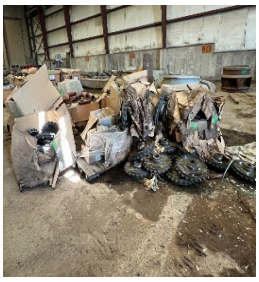
Reliability and Maintenance Engineering (RME)

The RME Primary Team worked with contractor RMF Nooter to safely replace the sky belt and roll in Pump Station No. 1 for the grit conveyance. A 12-inch roll was removed and replaced with a new 14-inch roll. The new roll will provide a better grip and decreased slippage and therefore, less wear on the underside of the belt. This will result in a longer lifespan of the belt and proper function of the system.

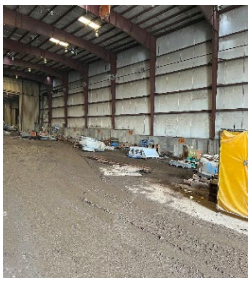
Old roll and belt



New roll installation



Detroit Marine Terminal building before



Detroit Marine Terminal building after

Wastewater Operations Spring Clean-Up Week took place at the WRRF in June. All RME Team Members participated in the annual cleanup initiative. The teams did a great job focusing on cleanup while additionally maintaining the equipment to keep the WRRF operating without any issues. In partnership with operations, the team cleaned the interior and exterior of GLWA's fleet during a car wash which was completed maintaining safety practices.

Laboratory

GLWA team members attended the 100th Michigan Water Environment Association (MWEA) Annual Conference with representation from the laboratory. Chemist *Hainite Tuitupou* presented together with Special Projects Manager *Chris Wilson* and Life Cycle Manager *Brooke Ballard*. Management Professional *Cathy Willey* presented on the optimization of chemical phosphorus removal at WRRF and Manager *Andrea Busch* spoke on lessons-learned from online analyzer installations at the WRRF.

Chemist Hainite Tuitupou presenting at the MWEA Annual Conference

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

New Chemists Dani Cummins and Sonia Barrett

Management Professional Cathy Willey presenting at the MWEA Annual Conference

The laboratory welcomes the addition of new chemists *Dani Cummins* and *Sonia Barrett*.

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

Three remote panels, Control Panel (CP)-2 (Bellevue), CP-3 (Jefferson) & CP-4 (Harbortown) associated with the Leib Combined Sewer Overflow (CSO) Facility, will be replaced with new control panels in the coming months. Each of the three panels integrates various monitoring and control signals into the main Leib site's distributed control system.

Additionally, OT/PACS Team Members traveled offsite to the construction facility in Novi, where factory acceptance testing of each of the three control panels was conducted. The team validated the functionality of each panel's hardware and tested network connectivity.

The OT/PACS team launched the High Performance Graphics and Alarming (HPG&A) hands-on operator training campaign and will host 15 training sessions over summer 2025 that will highlight the main features of the new HPG&A standards for control system operator graphics and alarm annunciation through a combination of presentations and interactive hands-on exercises, with simulated equipment responses. The HPG&A standards introduce a simplified graphical representation of process equipment along with new icons to convey alarm condition severity. The team concluded the first three sessions, which were attended by 25 individuals. By the end of the campaign, up to 180 staff across the WRRF, CSO and Sanitary Pump Stations Operations Teams will be trained.

Industrial Waste Control (IWC)

The GLWA Board of Directors approved the 2024 Amendments to the GLWA Industrial Pretreatment Program (IPP) Rules, and 228 permits were reissued and/or modified, except for three users for Waste Management Landfills.

WASTEWATER OPERATING SERVICES (continued)

The Michigan Department of Environment, Great Lakes, and Energy submitted their final report and stated all issues identified during the review have been completed.

The IWC Team is growing! The interview process has been initiated for filling vacancies for the Pretreatment Program Specialist. This is noteworthy as this is the first time in 25 years that vacancies have occurred for this position.

Engineering and Construction

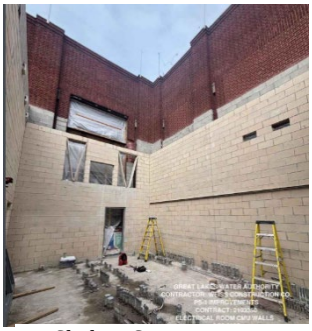
Wastewater Projects in Construction

CIP Construction

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

Work is progressing in multiple areas, including Pump Station No. 1 improvements, the tunnel, Electrical Building (EB)-2, and Venturi Vaults No. 1–4. However, replacement of the remaining North Wet Well Inlet Gates (Nos. 1–3) has been delayed due to recent rain events and operational conditions. A revised Flowserve submittal was returned with approval as noted. Based on the May 2025 schedule update, the Contractor's progress is behind schedule. – Milestone one is 59 days late, milestone two is 67 days late, and milestone three is 69 days late with Emerson work being on critical path. Weekly meetings with Emerson will focus on expediting pending items to improve the schedule. For EB No. 37, the Contractor is working on corrective action on blocks before starting work on the façade.

Wall Construction with CMU Blocks


Shelter Construction at Venturi

Line stop installation by Watertap

Location of secondary water reroute

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

This project will upgrade the bar screens to finer screens and install an improved grit processing system at Pump Station No. 2 at WRRF. The City of Detroit approved multiple demolition permits, allowing the contractor, Commercial Contracting Corporation, to begin removing buildings that are now out of service. Concrete removal and utility rerouting work are ongoing. Line stops were installed to the secondary water to isolate Seventh Street so the water line could be rerouted.

WASTEWATER OPERATING SERVICES (continued)

CIP 211011, Contract No. 2201762 –PS1 Rack and Grit HVAC System Upgrade
The Contractor has yet to complete the installation of Exhaust Fan (EF) No. 10, repairs on damaged ductwork section on the north wall, EF-1 installation and associated ductwork, and additional ductwork needed. Change Order No.1 is for time extension only and is in progress for the Board of Directors approval in August 2025 with proposed revised substantial completion and final completion date in August 2025 and November 2025, respectively. All previous outstanding claims as of June 30, 2025, have been negotiated, and the Construction Change Directive (CCD) will be issued soon.

CIP 212008, Contract 2102926 – WRRF Aeration Decks No. 1 and No. 2 Improvements
The Design-Build Team continues to advance the design towards the 60% design milestone. The WRRF stakeholders have attended numerous focused workshops since the 30% design milestone. The development of specifications and drawings for the main transformers D & E, Intermediate Lift Pump (ILP), ILP Motor, ILP Variable Frequency Drive (VFD), and Mixer/Aerator design has been accelerated due to the long lead times associated with Procurement. Individual workshops for each of the aforementioned long lead items were completed in June with follow-up in July for confirmation of final design requirements. Other focused workshops have been for the high purity oxygen system, and non-Ovation Communication Systems.

CIP 213007, Contract CON-197 – WRRF Modification to Incineration Sludge Feed Systems at Complex II (WRRF)
Weekly coordination meetings are being held between GLWA and several Contractors, to discuss the inspection/rebuild/testing of motors at VDG Ontario facility and preparation for the onsite inspection of the system at the WRRF. The team is working on the protocol to perform diagnostic testing to collect data to identify the root cause of previous failures. The onsite inspection for the partial system is tentatively scheduled for July, followed by complete inspection in August.

CIP 216006, Contract 1903601 and 1903598 – Assessment and Rehabilitation of WRRF Yard Piping and Underground Utilities (WRRF)
The parallel potable water main line installation in the tunnels under the Administration Building is ongoing. Progress on the Secondary Water main lining from Waste Activated Sludge building to the railroad tracks is ongoing. A natural gas line replacement around the Primary Clarifiers (PC) (Phase 4 of 7) is in progress with half of five done and the other five remaining. The Screened Final Effluent large diameter gate valve assessment program is planning phase 3 (operating the gate valves) with the next shutdown being planned at Fourth Street and A Avenue. The common trench from the east end of the rectangular clarifier gallery to Pump Station No.1 has completed its exploratory excavations and materials have been ordered.

WASTEWATER OPERATING SERVICES (continued)

CIP 216011, Contract No. 2100239 – WRRF Facilities Structural Improvements
The Contractor has completed repairs at PC No. 17 and in both the New and Old Administration Buildings areas. Change Order No. 1, which included an increase to the provisional allowance, was executed and issued to the Contractor on June 5, 2025. Following negotiations, Constructive Change Directive - M was recently issued to the Contractor to proceed with the architectural stonework repairs at the Old Administration Building and the Corbel Repair and Platform Replacement at Pump Station No. 1 Rack and Grit Building. Exterior repairs at Primary Clarifiers Nos. 16 and 15 have been delayed due to recent rain events.

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

CIP232002, Contract No. SCN-0000586 - Conner Creek Pump Station Storm Water Pump Replacements (CON)
The contractor has continued with the submittal process and currently plans to mobilize onsite in August.

CIP 232005, Contract No. 2204605 - Freud SPS Improvements (CON)
The contractor has continued construction of the new 24-inch and 48-inch sanitary sewer that will replace the existing Detroit Water and Sewerage Department (DWSD) sanitary sewer. The Contractor has continued to work with DWSD to isolate their 16-inch water main so that relocation of the existing DWSD and GLWA water main assets can be completed. The Contractor has continued work on the Detroit River Interceptor (DRI) structure that will accommodate the 36-inch force main and will connect the Freud Sanitary Pump Station to the DRI.

CIP 260207, Contract No. 2004082 – Rehabilitation of the Woodward Sewer (RWCS)
The Contract Time has expired, and the Contractor has demobilized. Remaining Contract work has not been completed. The city is not accepting some of the Right of Way restoration. A claim has been made regarding the performance bond. The bond company has hired external counsel, and they are investigating the claim.

CIP 260614, Contract No. 1902224 – CSO Facilities Structural Improvements (CSO)
The Contractor has completed all repairs on the concrete electrical duct bank enclosure at the Hubbell-Southfield Facility. The generator submittal was returned with approval and delivery of the generator is expected in October or November.

WASTEWATER OPERATING SERVICES (continued)

The Contractor is expected to complete all work by the end of 2025 based on timely delivery of a new generator. As-built drawings are being reviewed and finalized.

CIP 260701, Contract 2102859 – Conveyance System Infrastructure Improvements
Regulator improvements are completed at outfalls at nearly all the Detroit River outfall locations and several of the Rouge River outfall locations. Backwater gate fabrication and installation are complete on the Detroit River and is underway on the Rouge River. Instrumentation and Controls have been tested for acceptance at outfalls Nos. B-5, B-6, B-15, B-16, B-21, B-22, B-26, B-28, B-29, B-31, B-35, B-40, and B-52. Site modifications to the US Army Corps of Engineers facilities at outfall B-7 are complete. Coordination with the on-going Rosa Parks and Jefferson reconfiguration by the city of Detroit is complete. The project is behind schedule and will be extended via change order.

CIP 260701, Contract 2201142 – Conveyance System Infrastructure Improvements: Sewer In-System Storage Devises (ISD) and Valve Remotes (VR) Improvements
ISD equipment installation is complete. Improvements to VR gates are behind schedule due to supply issues. All ISD manhole modifications are complete. Engineer-directed repairs to inflatable dams have been completed; however, four inflatable dam sites continue to fail operational tests, requiring further investigation and assessment of control systems. The project has passed substantial completion time but is not yet substantially complete. A change order for a time extension is in process.

CIP 260903, Contract No. 2201744 – Front Entrance Rehab (CON)
The Contractor has continued with construction of the air riser vent along with masonry work for the front wall. The installation of the landscaping plants and materials for the southern portion of the site is complete. The Contractor has begun pouring foundations for the installation of parking signs and has completed the construction of the bio-swale.

CIP 260905, Contract No. 2203675 – WRRF Plumbing Shop Improvements
This project is nearing completion. The pending items are the electrical distribution panels and breakers installation. Once done, training can be scheduled, and substantial completion can be established.

CIP 277001, Contract No. 1902908 – Outfall Cleanout &Miscellaneous Improvements (Design Build)
The Contractor has continued to work on the modifications to the Elmer Ternes Bypass including the installation of a new gate. The contractor has completed the crack repairs, concrete patching, and injection grouting within the Outfall.

WASTEWATER OPERATING SERVICES (continued)

Non-CIP Construction

Contract No. 2400626 Task J2-42 – Incineration Complex II Building Hoist Improvements.
The hoist was procured and delivered, and selection of wall panel alternatives and colors is complete. Construction began in July .

Contract No. 2100330-1 Task J2-22A - Demolition of the Brick Storage Building
The demolition permit is approved and the required 10-day notice to the State of Michigan has been submitted. Additionally, the Facility Access Request and the accompanying logistics plan have received approval. Mobilization will commence shortly, with site work targeted to begin in July.

Contract No. 2100330-6 Task J2-09 - Replacement of Electrical Substation EB-17
Permits have been obtained, and site deliveries are underway. An Equipment Shutdown Request for the temporary power installation is currently under preparation, and submittals and reviews are in progress.

Contract No. 4000696 Task 37T - WRRF and CSO Process Cameras
The 30% design review has been completed (the workshop was held May 20, 2025) and authorization has been granted to Hubbell, Roth & Clark, Inc. (HRC) to proceed to 90% design phase. The updated project schedule is to be submitted by HRC for GLWA's review and approval. Facility walkthroughs will be coordinated by HRC to verify camera locations and Network Video Recorder capacities. Interim submittal requested by GLWA for one updated facility ahead of the full 90% design package. The design review checkpoints to be established throughout the 90% phase to maintain alignment and ensure timely feedback.

Contract No. 2204332 Electrical Building (EB) Upgrades
This project includes various electrical improvements, including oil sample valve installation (EB-28), load break switches replacement (EB-9 and EB-11), transfer trip circuits (EB-3 to EB-1 and EB-30 to EB-1), and load tap changer for transformers (EB-1). The Contractor has not mobilized, as submittals and shop drawing reviews are in progress.

WASTEWATER OPERATING SERVICES (continued)

COMBINED SEWER OVERFLOW (CSO) CONTROL PROGRAM

CSO Operations, CSO Maintenance, CSO Conveyance

The discharge gates at Conner Creek CSO have undergone necessary preventative maintenance activities. Preventative maintenance is critical to the continued function of the conveyance system and CSO Facilities. In this case, the discharge gates are located at the outfalls of the Conner Creek CSO Facility and are used to control flow and release treated discharge during heavy rain events. Without them, the facility could not safely release treated effluent, and the system would back up, leading to flooded streets, businesses, and basements.

Stop logs at Conner Creek CSO Facility

The first step of preventative maintenance is to prevent river water from entering the basin. To do this, the CSO Team installed stop logs to isolate the channels of a designated gate pair.

Once the channels are isolated, the RME Teams are able to adequately inspect equipment and perform additional maintenance.

In June, the RME Team inspected all associated hardware to ensure structural integrity while the Operations Team completed pressure washing to remove zebra mussels that can compromise the effectiveness of gate seals. This process can be extensive, but it is critical as it supports long-term operational reliability and system performance.

The Conveyance and CSO Team is committed to learning and growing as a team. June marked the fourth training through Hydro University's virtual Wednesday Webinar Series. The topic was Pump Hydraulics Broken Down, and it discussed the physics behind different types of pumps. These monthly training courses are informative to the team and offer invaluable knowledge on assets used daily in an easily digestible format.

As part of our continued commitment to professional development within the Conveyance and CSO teams, several team members have recently taken certification exams to deepen their expertise, and their hard work has paid off. We are proud to recognize each of them for their dedication and achievements.

WASTEWATER OPERATING SERVICES (continued)

- ***Manager, Shadrack Ampomah*** earned his Class A Municipal Wastewater Treatment Plant Operator Certification from the Department of Environment, Great Lakes, and Energy (EGLE). This is the highest-level certification offered, and it allows the operator to run a treatment facility serving or designed to serve a population of 50,000 or more.

Manager Shadrack Ampomah posing with his Class A C certificated

- ***Team Leader, Yolanda Presley*** earned her Class S-2 Distribution System Operator Certification from EGLE. This license requires an in-depth understanding of operational procedures, management, and the parameters that dictate successful water treatment.

- ***Team Leader, Darvin Fox*** passed the exam and earned his Class S-3 Distribution System Operator Certification from EGLE. This license requires the operator to demonstrate their comprehension of disinfection measures, recordkeeping, and water quality.

- ***Manager ZaNetta Stewart*** has passed the exam and received her Stormwater Operator certification from EGLE. This certificate requires an extensive knowledge of stormwater rules and regulations, National Pollutant Discharge Elimination System permit requirements, and nonpoint source pollutant best management practices.

- ***Management Professional, Rainesha Williams-Fox*** has been selected as the new Chairperson of the Young Professionals (YP) Group. The YP Group aims to be a social network and professional development resource to empower young professionals of the Water and Wastewater industries to build roots in the public sector and expedite growth as leaders. As Chairperson, ***Rainesha*** will act as the leader and face of the YP network.

- During her time as Chair, she will oversee YP events, annual budgets, the annual vision statement/events summary, network activities in the absence of committee members, and present updates to the executive leadership team.

- Director, ***David McCord*** was selected and awarded the Collection Systems Professional of the Year 2025 from the Michigan Water Environment Association. This award is given to those who have demonstrated exceptional work in the Wastewater industry. ***David*** has shown remarkable commitment to the Wastewater Conveyance system over the course of his career and continues to uphold excellent standards for infrastructure and the environment.

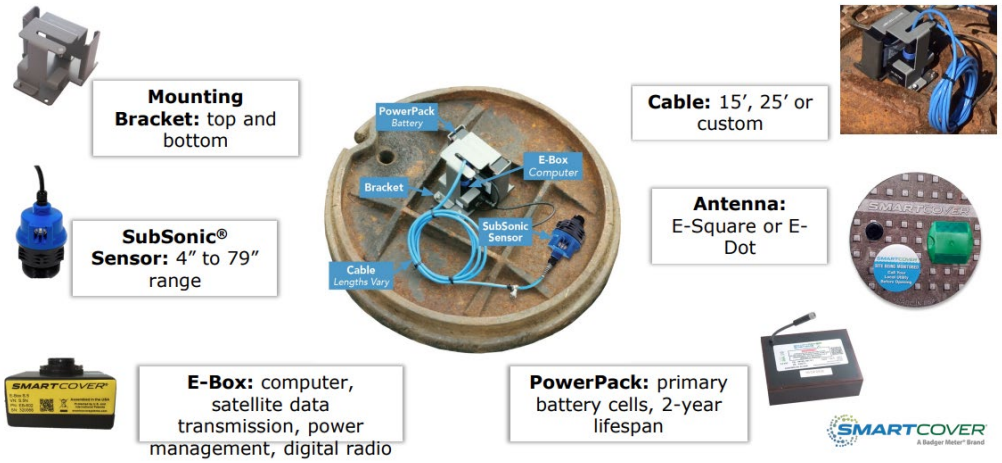
<u>WASTEWATER OPERATING SERVICES</u> (continued)

These achievements are a testament to the expertise, knowledge, and dedication of our Wastewater Conveyance and CSO team. Congratulations, everyone!

Installation of a SmartCover instrument

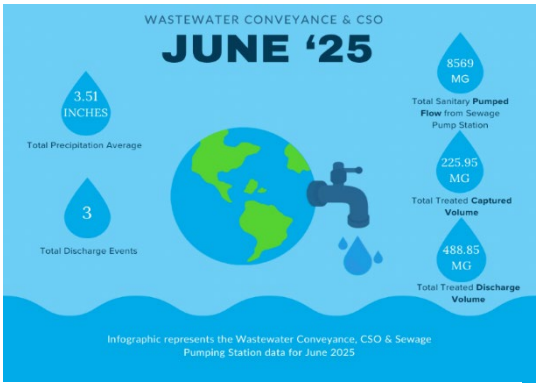
The Wastewater Conveyance Team met with SmartCover Systems to discuss implementing a SmartCover pilot program. SmartCover is a remote monitoring tool that provides live updates of key infrastructure data using a satellite-based communication system. These devices can be placed on the inside of manhole lids to track and record data any time of day, even during wet weather. With SmartCover, the Conveyance and CSO Team will be able to monitor and predict sewer overflows, thus allowing the time to respond accordingly, which increases system resiliency and reduces environmental impact. The Wastewater Conveyance team is particularly interested in SmartCover's extensive battery life and ability to use a single instrument to monitor both level and pressure at each location. Additionally, SmartCover offers flexibility as these instruments can be moved from one location to the next as needed.

The goal of this pilot program is to understand the pros and cons of the monitoring system.



Composition of a SmartCover device

WASTEWATER OPERATING SERVICES (continued)



Wastewater Conveyance, CSO, and Sewage Pumping Station data for June 2025

With the beginning of summer comes heavy storms and strong winds. June saw intense wet weather bringing over 8,500 million gallons (MG) of wastewater through the Sewage Pumping Stations. It is imperative that the sewage pumping stations are functional. The Conveyance and CSO Team has done a great job maintaining flow, staying on top of maintaining equipment and ensuring the continued operation of the conveyance system.

Over the course of June, there were three wet weather events where 225.95 MG was treated and captured, and 488.85 MG was treated and discharged. In total, the average precipitation for June was 3.51 inches. Thanks to the diligent work of our Wastewater Conveyance and CSO team we were able to effectively handle these large storms.

To keep up with the high number of storms, our teams consistently survey assets, checking to make sure each is operable and in good shape. To keep track of assets, a status report has been created and will now be used to make the monitoring process easier for the team. Prior to this, assets were divided into multiple tracking sheets per type of asset, i.e. a sheet for the pumps at each Sewage Pumping Station, a sheet for assets in the CSO basins, and a sheet for remote sites. Now, everything has been combined into one live document with graphs displaying the status of each group.

WATER OPERATIONS AND FIELD SERVICES

Water Operations

Springwells Water Treatment Plant

Basin No. 8 Update

We are pleased to announce that basin No. 8 at the Springwells Water Treatment Plant has been successfully returned to service as of June 12, 2025. The basin has been fully cleaned, inspected, and cleared for operational use. Final inspections confirm that all systems are functioning as expected. With basin No. 8 back online, the plant has now regained full basin capacity, enhancing our ability to manage higher treatment demands during peak flow periods. Coordination with the Control Board and Springwells Laboratory team remains ongoing to ensure a smooth and efficient integration into daily operations. Thank you to all team members and contractors involved for their hard work and dedication in bringing this project to a successful close.

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

Basin No. 8

Water Transmission

Current Emergencies and/or Urgent Items

Below is a list of emergencies and/or urgent projects that are being addressed throughout the Water Transmission system:

1. The 54-inch transmission main broke at Beard and Rowan Street in the City of Detroit on Monday, February 17, 2025. Our Maintenance & Repair team isolated the main, and emergency contractors have completed the repair of the broken section. Currently, the emergency contractor, Lakeshore Global, is preparing and planning for the restoration of the affected areas. This includes a complete roadway survey, and the AECOM has produced drawings for final roadway restoration.

The roadway restoration will continue through the next few weeks. Sidewalks, driveway approaches, and green belt restoration are currently ongoing. Crews continue to monitor and check all appurtenances within the limits of the isolation.

2. Watermain break at Garden City (GC-02) meter pit located at Warren Road and North Middlebelt Road took place on Friday, April 25, 2025. The emergency contractor, Ric-Man Construction, has nearly finished the repairs within the meter vault and is currently restoring the roadway of southbound Middlebelt Road. GLWA Maintenance and Repair along with Meter Operations returned the repaired meter into service on Friday June 13, 2025.

Maintenance & Repair Team

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

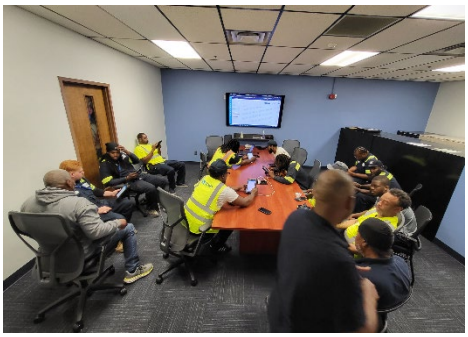
The team assisted Harrison Township in confirming isolation of meter pit (HR-01) to facilitate repairs Harrison Township will need to make to their pressure reducing valves.

WATER OPERATIONS AND FIELD SERVICES (continued)

The team also accomplished the following:

1. Prepared and inspected ten emergency connection valves and structures in the City of Hamtramck and one emergency connection in the City of Novi. Meter Operations is requesting that the valve position of these emergency connections be confirmed due to billing discrepancies.
2. Inspected and repaired fire hydrants at the Water Resource Recovery Facility and the Belle Isle Pumping Station.
3. Assisted the City of Highland Park with isolating the GLWA valve for the final connections for the new meter pit HP-05 on Friday, June 13, 2025. This included supporting the contractor and assisting the City of Highland Park with monitoring pressures throughout the isolation. On Saturday June 14, 2025, GLWA reopened the 16-inch valve that supplies the new meter, the new meter is now in service.
4. Prepared and inspected numerous blow-off valves near the Water Works Park Water Treatment Plant (WWP) in preparation for testing the new pressure reducing valves associated with the western half of the WWP Yard Piping Project.
5. Assisted the contractor (Kokosing Industrial Incorporated) and the City of Detroit with isolation of GLWA's 24-inch water main and the City of Detroit's 16-inch water main for the Freud Pumping Station Improvements Project.
6. Continued with NEXGEN tablet training for team members.
7. Completed flushing and sampling of the 48-inch transmission main in the downtown area in coordination with the City of Detroit.
8. Continued to clear brush and vegetation around appurtenances along the 120-inch transmission main in Kenockee Township.
9. Assisted the contractor with isolation and repairs of a leaking joint on a 42-inch transmission main at the intersection of West Warren Avenue and Central Street in the City of Detroit.
10. Closed an emergency connection to the City of Highland Park at the intersection of Woodward Avenue and Woodland Street.
11. Opened 20-inch gate valve that supplies Harrison Township's meter pit (HR-01) for repairs Harrison Township needed to make to their pressure reducing valve (PRV).
12. Prepared and inspected four gate valves for isolation on Mack Avenue, between Alter Road and Balfour Road. This isolation is required for the City of Detroit to make repairs to a leaking watermain.

WATER OPERATIONS AND FIELD SERVICES (continued)



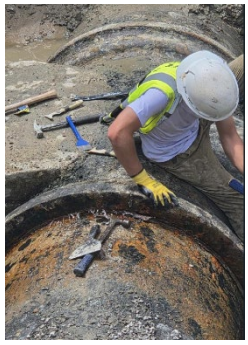
Maintenance & Repair Team NEXGEN tablet training

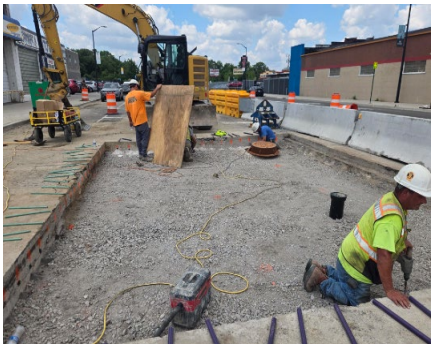
Concrete pavement restoration on Beard Street, and restoration at the intersection of Beard Street and Rowan Street

Charles Drayton and Water Quality completing final water quality sampling in downtown area

Eugene Fenderson clearing brush along the 120-inch watermain

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





Leaking 42-inch watermain, contractors installed repair clamp and roadway

Continued restoration on Beard Street in the City of Detroit

Mechanical Maintenance

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

The crews worked on the following corrective maintenance projects:

1. Eastside Station – Attempted to isolate reservoir Pump No. 2. Isolation is unachievable due to the suction gate being broke open. There is a leaking 1-inch air relief line that needs to be replaced. Further efforts will be made to achieve isolation.
2. Haggerty Station – Exercise and test the reservoir fill valve. The valve was malfunctioning due to debris being in the instrumentation panel. The valve is now back to normal operations.
3. Joy Road Station – Completed the installation of the control valve for reservoir ump No. 3.
4. North Service Center – Replaced the packing for reservoir control valve No. 2.
5. Rochester Station – Line assessment and pump packing replacement for line No. 2.
6. Ypsilanti Station – Test ran line Pump 2. The test was successful, and the pump was returned back to normal operations.

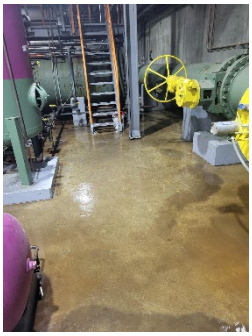
Adams Road Station – Cylinder removal from line Pump No. 4 control valve. Cylinder was taken by the vendor for repair.

WATER OPERATIONS AND FIELD SERVICES (continued)

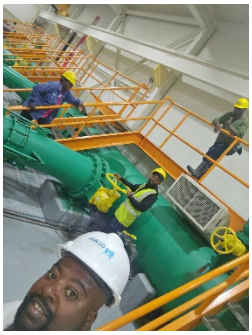
7. Haggerty Road Station – Troubleshoot inoperable control valve for line 2. The problem was found to be in the instrumentation panel.
8. Imlay Station – Assessment of reservoir control valve concrete bases No. 4 – No. 7. Bases to be modified to accommodate new spool pieces.
9. Joy Road Station – Test ran line Pump No. 3. There were reports of the control valve not opening. The valve and line are now both operating appropriately and in service.
10. Michigan Avenue Station – Manipulated reservoir isolation valves to control reservoir overflow.
11. Newburgh Station – Tested line Pump No. 3 Line Pump and Control Valve. The line was released for normal operational services.
12. Rochester Road Station – Repack line Pump No. 2 and Test. The Pump passed testing and is now released for normal operational service.
13. Wick Road Station – Tested and released line pump control valve No. 1 back to normal operational services.

The crews completed preventative maintenance at the following booster stations:

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

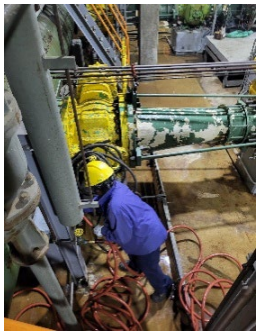


Adams Road Station deep clean



Rochester Station line Pump No. 2 isolation
Tywan Bailey, Joshua Beverly, Peggy Kellie, and Marcus Jackson

Rochester Station line Pump No. 2 isolation
Joshua Beverly, Peggy Kellie, and Marcus Jackson



Adams Road Station deep clean by Peggy Kellie

WATER OPERATIONS AND FIELD SERVICES (continued)

Orion Road Station line Pump No. 3 maintenance
Ian Sizemore, Juan Moore Sr. and Marcus Jackson

North Service Station line Pump No. 10 oil change
Peggy Kellie, Christiana Muscat and Veyon Bentley

Schoolcraft Station line Pump No. 1 maintenance
Juan Moore Sr., Raymond Battle Jr. and Christiana Muscat

Electrical Instrumentation Control Technician

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

The crews worked on the following troubleshooting projects:

1. Ypsilanti – A crew was dispatched to the Station for line No. 2 motor tripping. The team found that a damaged wire on one of the temperature devices for the motor was causing the motor to trip. After repairing the damage, the motor worked as intended and was put back into service.
2. Newburgh – The main breaker did not trip when the utility power went out at the station like it is supposed to. The team found that the fuse for the trip circuit was blown. After replacing the fuse, the breaker tripped, and the tie breaker closed as it is intended to do.

WATER OPERATIONS AND FIELD SERVICES (continued)

The crew worked on the following corrective projects:

1. Wick - Replaced a power cell for the variable frequency drive.
2. North Service Center - Installed new 480-volt control circuit for the new variable frequency drive being installed for line No. 10 pump.
3. Wick - Reinstalled the limit switches on line No. 1 discharge valve.

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

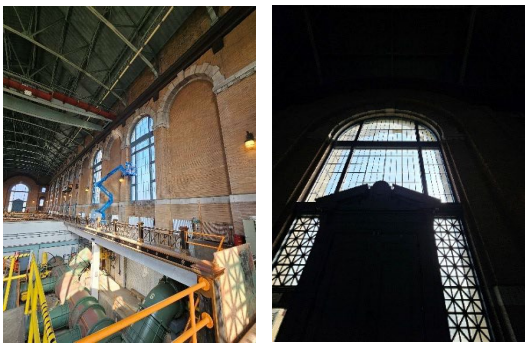
- Booster Stations: North Service Center, Schoolcraft, Joy, West Service Center, Imlay, Ypsilanti, Electric, Central Service Facility, Franklin and Rochester

Josh Walker working at the Ypsilanti Station repairing the wiring for one of the temperature probes for the line No. 2 motor

Facility Operations

Water Works Park Water Treatment Plant

High Lift Window Repairs – The Facilities team continues to work with Christy Glass to repair the broken windows in the High Lift Building. There are approximately 100 plus broken windowpanes in the High Lift Building. The glass needs to be removed, frames repaired, glass reset and sealed. This will be very labor-intensive. The Facilities team has a larger Glass Repair Request for Bid, which is expected to be issued soon. This will allow the GLWA Facilities team to have repairs done at other facilities.

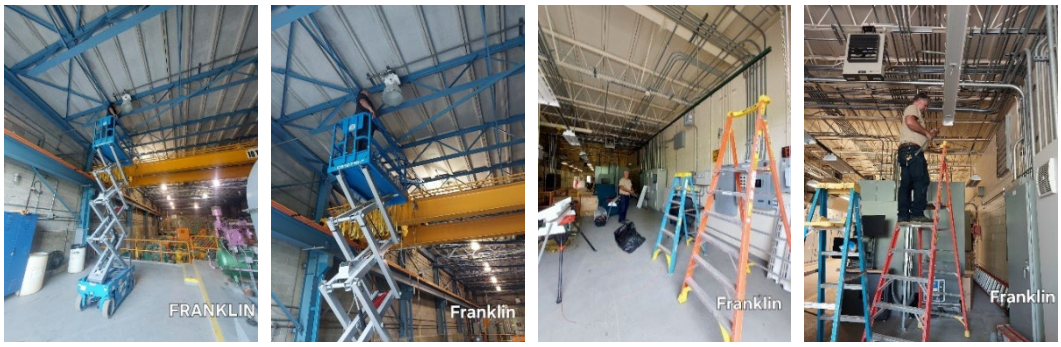


Ongoing repairs of broken glass at High Lift Building

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

Franklin Station

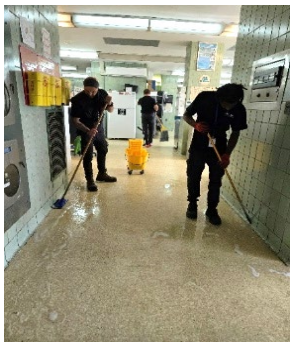
The Electrical team–at Franklin Booster Station to re-lamp and get lighting operational. Additional scaffolding is being built by Facilities carpenters to access lights over equipment.



Franklin Station being re-lamped by Maintenance Technician Jose Nunez (dark shirt) and Electrical Instrumentation Control Technician Thomas Medici (light colored shirt)

Janitorial Services

Continued transition coordination; Du-All Cleaning, Inc. has been on board for three months. They have made many adjustments, and we continue to-monitor and meet with the cleaning teams on site.



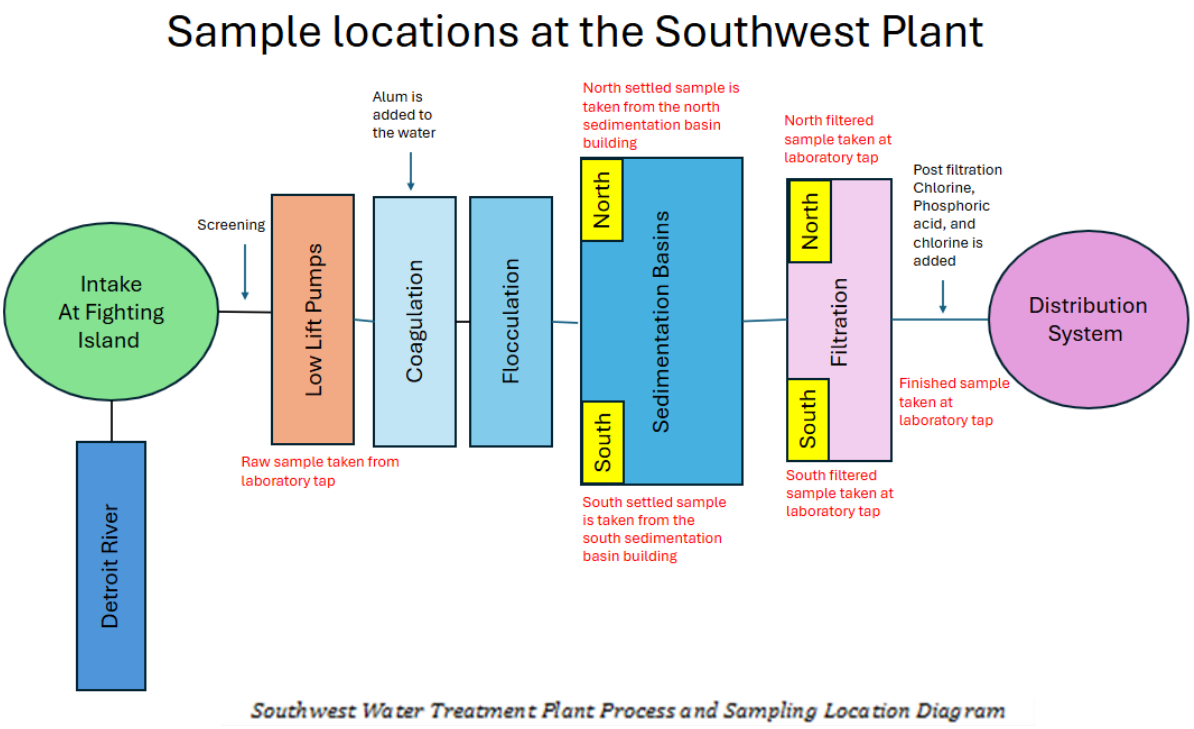
Du-All cleaning team performs a deep clean at the Northeast Plant Water Lab

Research, Innovation & Transformation

Research – Total Organic Carbon Profiling for the Treatment Plants

The aim of this project is to develop a database for total organic carbon 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. Starting this week, the research team has added the Southwest Water Treatment Plant to weekly sampling profiling which means that the research team is now sampling from every water treatment plant within GLWA. New intern Sarah Weber will be primarily in charge of sampling from Southwest, as well as testing for and recording data from field and bench tests, with help from the other interns on the team. The team has identified six primary sampling points to collect from – raw plant, north settled, south settled, north filtered, south filtered, and finished water. These six points can be viewed in the Southwest process diagram, created by Sarah Weber, below in red.

WATER OPERATIONS AND FIELD SERVICES (continued)



Southwest Water Treatment Plant Process and Sampling Location Diagram

Of the six sampling point locations, north and south settled samples can be collected directly from the settling basins. The other four samples (raw plant, north filtered, and south filtered) must be collected from the operations laboratory via faucet taps due to current inability to access those points for proper sampling. William East, a plant engineer at Southwest, is currently working on a solution that may remedy this issue. If they do, this will also allow the research team to access another sampling location, a combined filter effluent point, while also allowing the team to sample directly from the north and south filter points. If this issue is addressed, the change will be reflected in the weekly report.

Innovation – *Alternative Wastewater Disinfection Technologies Research Project*

This week, the GLWA research project team made considerable progress with the Alternative Wastewater Disinfection Technologies Research Project, receiving official State of Michigan approval for the trialing of the performic acid disinfection chemical within the GLWA on-site pilot facility later this summer. The approval for the chemical, from the Michigan Department of Agriculture & Rural Development, follows federal approval for product trials received in May 2025 from the US EPA Office of Pesticide Programs, Antimicrobials Division.

WATER OPERATIONS AND FIELD SERVICES (continued)

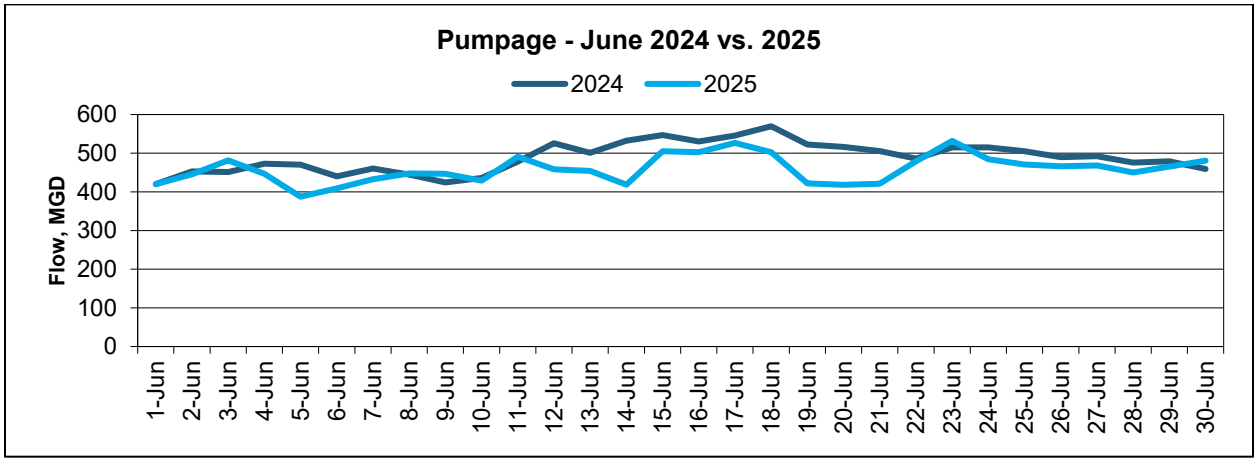
The Alternative Wastewater Disinfection Technologies Research Project, a GLWA-sponsored research project, in conjunction with the Water Research Foundation and the Natural Sciences and Engineering Research Council of Canada, is a multi-national research consortium with team-members from University of Western Ontario, Lambton College, University of Michigan, United States Peroxide, Trogen Technologies, and Brown and Caldwell, along with GLWA team members.

The purpose of the project is to assess and evaluate alternative disinfection technologies with suitable rigor and depth of study to enable both engineering design, and regulatory approval, for subsequent GLWA operational decision-making. GLWA currently disinfects using liquid chlorine, a highly effective disinfectant, but one with considerable risks to both human health and the environment. The project was initiated at the request of Dr. Majid Khan, Director of Wastewater Operations, and is led by Dr. John Norton, Director of Research and Innovation, managed by Drs. Shubha Oze, with Brown and Caldwell, and Domenico Santoro, with Western Ontario and lead product development manager for USP Technologies.

The on-site project trial will be located adjacent to the Water Resource Recovery Facility clarifiers and is anticipated to start late summer.

Systems Control Center

There was a 6.1% decrease in the June 2025 pumpage compared to June 2024



WATER OPERATIONS AND FIELD SERVICES (continued)

Engineering

Water Engineering Active Capital Improvement Plan (CIP) Project Status

CIP No. 119009 (Contract No. 1803990) Lake Huron High Lift and Yard Piping Improvements
Project Manager: Brian VanHall
This project at Lake Huron Water Treatment Plant adds three pumps that are each rated for 20 million gallons per day, a 72-inch flow meter on the south high lift header with an 84-inch butterfly valve for isolation, 16-inch flow metering for process water usage by the plant, blowoff on the south high lift header, infrared heating within the pump building on the south side, and a replacement valve actuator on the 84-inch butterfly valve on the north high lift header. Remaining construction activities that include installation of the new high lift pumps will be completed by the end of 2026.

CIP No. 112006 (Contract No. 1904231) Northeast Flocculator Replacement
Project Manager: Brian VanHall
This project at Northeast Water Treatment Plant replaces flocculator equipment in all four basins, demolishes inlet gates to each flocculation chamber and installs a baffle block at each basin inlet for flow distribution, improves access to the drywell with stairs and platforms to access the new flocculator gearmotors and replaces the access hatches to the inlet gates in each basin. This project is in the construction phase and flocculation improvements have been completed for basin No. 2 and basin No. 3. The project is on track for overall substantial completion on July 13, 2026, and final completion by March 18, 2027.

CIP No. 122004 (Contract No. 2300600) 96-Inch Water Transmission Main Relocation - Phase 2
Project Manager: Corey Brecht
The project is currently in the construction phase. The scope includes approximately 8,000 feet of 96-inch diameter welded steel pipe along Dequindre Road in Rochester Hills, divided into the North Dequindre and South Dequindre segments. To date, the contractor has 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.

WATER OPERATIONS AND FIELD SERVICES (continued)

CIP No. 122004 (Contract No. 2100998) 96-Inch Water Transmission Main Relocation Pipe Procurement
Project Manager: Corey Brecht
This contract is a material purchase with Northwest Pipe Company for the 96-inch spiral welded steel pipe. Northwest Pipe Company has completed the fabrication and delivery of Phase 2 pipe for the contractor involved with Contract No. 2300600. Contract close-out is expected to take place by the end of summer 2025.

CIP No. 122004 (Contract No. 2303968) 84-Inch Triple Offset Ball Valve Procurement
Project Manager: Corey Brecht
This contract is a material purchase for Phase 3 of CIP No. 122004 – 96-Inch Water Transmission Main Relocation Project. The material purchase includes two 84-inch triple offset ball valves that will be provided to the Phase 3 contractor for installation. The lead time of these valves was between 66 - 80 weeks from start of the shop drawing process and is the primary reason why GLWA pre-purchased these valves. The vendor submitted an updated production schedule that shows projected delivery of the valves to GLWA in October and December of 2025.

CIP No. 122004 (Contract No. 1900741) Professional Engineering Services for the Design and Construction of the 96-Inch Water Transmission Main Relocation
Project Manager: Corey Brecht
This contract provides engineering and construction assistance services for the entire 96-inch Water Transmission Main Relocation Project (Phase 1-3). The consultant will be assisting GLWA in Phase 3 design review activities and construction oversight.

CIP No. 122004 (Requisition No. 2401015) Design Build of 96-Inch Water Transmission Main Relocation- Phase 3
Project Manager: Corey Brecht
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. A signed agreement is in place with the successful bidder and the Notice to Proceed is being issued.

WATER OPERATIONS AND FIELD SERVICES (continued)

CIP No. 111001 (Contract No. 1803769) Lake Huron High Lift, Low Lift, and Wash Water Pumping and Switchgear Improvements
Project Manager: Eric Kramp
This project provides engineering services to address long-standing issues with the switchgear, low lift, high lift, and corrosion control systems at the Lake Huron Water

Treatment Plant. The consultant has submitted a revised 90% design package for the switchgear and low lift pumping improvements, which is sufficiently complete to proceed to final, biddable documents.

A construction contract for this portion is expected to be bid within the next fiscal year. Designs for the high lift pumping, wash water, and phosphoric acid systems have been submitted at the 60% completion level and are currently under review. An amendment request from the consultant is anticipated to fully incorporate federally mandated changes and the latest project adjustments. GLWA staff are evaluating this project to consider where cost reductions may be implemented.

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

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 EGLE, which has approved the proposed approach and granted a two-year extension for equipment delivery.

WATER OPERATIONS AND FIELD SERVICES (continued)

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. 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. 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.

WATER OPERATIONS AND FIELD SERVICES (continued)

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.

CIP No. 112008 (Req No. 2400082) Northeast Water Treatment Plant Filter Replacement
Project Manager: Erich Klun
Project scope includes the rehabilitation and right-sizing of the plant filtration capacity. Included in the rehabilitation is the replacement of existing filter media, wash water troughs, filter control valves, media surface wash water and wash water improvements, and complete replacement and modernization of the filter control system. Project is being executed under a design-build contract arrangement. The project has been awarded and was approved by the Board. The anticipated start date is July 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 by the end of summer of 2025. Construction of valve vaults and venturi meter vaults continues at pace in the western yard.

WATER OPERATIONS AND FIELD SERVICES (continued)

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

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

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

WATER OPERATIONS AND FIELD SERVICES (continued)

CIP No. 132010 (Contract No. 1803312) West Service Center Pumping Station – Reservoir, Reservoir Pumping, and Division Valve Upgrades
Project Manager: Timothy Kuhns
The project is nearing the end of the construction phase. Project involves new reservoir pumping facility as well as new reservoirs and improvements to various existing yard valves. Startup and training have begun.

The testing of new facilities and equipment was completed successfully and was turned over to Systems Control Center for operational control. Demolition of existing reservoirs has been completed, and the project is now substantially complete. Pavement and site restoration are in process and will be completed by the end of June.

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 Contract No. 2201068.

OFFICE OF SYSTEM RESILIENCY (OSR)

Detroit River Interceptor Rehabilitation

The DB-226 Project continues to progress, with several key activities advancing while others remain delayed due to flow control constraints. In Reach 3C, crews remain on standby, and in Reach 1, the final three punch list repairs remain on hold. At the Fox Creek Regulator Structure, the Phase 2 walls have been successfully poured. Crews are scheduled to complete the fiberglass lining punch list work in the low flow conduit this month. Once complete, dry weather flow will be rerouted through the new pipe, allowing construction of the regulator roof to proceed, followed by sliplining of the East Jefferson Relief Sewer. Work is also advancing at the Fox Creek intake structure, where the slide gate has been installed. The actuator will be installed upon delivery.

Energy Management

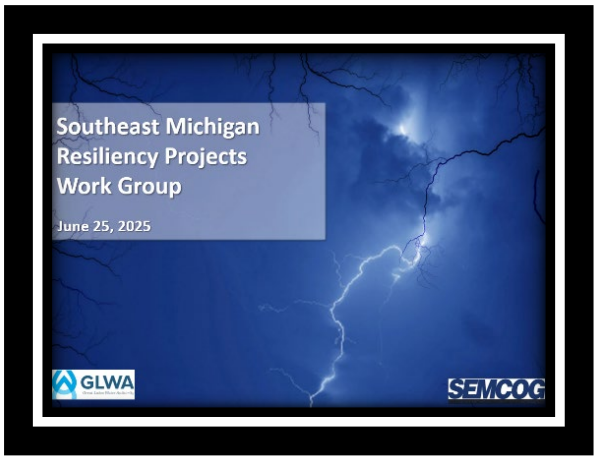
OSR Energy has installed six more power quality meters (two each) at Imlay City, Joy Road, and West Service Center booster pumping stations. The meters are tied into Ovation and are integrated with the Power Monitoring Expert System. These are advanced PM9000 series meters, and will aid in diagnosing power quality issues originating from the grid or within the facility.

OFFICE OF SYSTEM RESILIENCY (continued)

OSR Energy also initiated Professional Services Contract, SCN-0000631, for the LED lighting upgrades at Water and Wastewater pumping stations. The completion of the study will make recommendations to continue conversion of the subject facilities to all LED lighting.

Flood Resiliency Study

On June 25, 2025, GLWA, in partnership with SEMCOG, GLWA convened a regional forum focused on flood resiliency. Representatives from ten active projects across Southeast Michigan gathered to share updates, identify opportunities for collaboration, and begin building a long-term framework for aligning project objectives, data, and timelines. This meeting complements the ongoing Southeast Michigan Flood Study and reflects a broader commitment to coordinated, region-wide resiliency planning.



The event was well attended with representatives from the U.S. Army Corps of Engineers (USACE), City of Detroit, SEMCOG, Michigan Department of Transportation, EGLE, as well as academic, county, and public stakeholder representatives. The group agreed to a series of quarterly meetings to further discuss flood resiliency in the region and to share knowledge on projects and data useful in developing analyses to understand and improve flood resiliency in the region through gray, green, and hybrid approaches.

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.aramy.mil

Operations & Resiliency - Knowledge Transfer

Over the past month, notable progress has been made across a range of infrastructure and resiliency initiatives. The Northwest Booster Station project is nearing completion, with concrete poured on June 21, 2025, and the reservoir successfully returned to service. At the Imlay Station, redesign efforts for the reservoir fill valve are ongoing and may evolve into a broader system modification project. In parallel, actuator and gearbox enhancements have commenced at the Adams Road facility, laying the groundwork for long-term improvements in valve operations across the system.

OFFICE OF SYSTEM RESILIENCY (continued)

Imlay Pump Station

New reservoir spool pieces

Imlay Reservoir Train

Northwest Booster Station

Northwest concrete restoration complete

Northwest reservoir isolation valve man way

Key initiatives also advanced in the areas of resiliency planning, knowledge transfer, and internal communications. The Single Point of Failure initiative is progressing with the development of an introductory video to launch the program and engage team members. The Wastewater Collection System team has completed its first internal training podcast and plans to continue producing monthly episodes to support knowledge sharing across GLWA staff.

INFORMATION TECHNOLOGY

IT Security

In the past month, the IT Security team has proactively blocked or thwarted 65,387 spam messages, 18,778 spoofed messages and 109 viruses. Additionally, 16,057 phishing attempts have been caught, and 5,777 malware attempts have been blocked.

IT Emerging Technology

In June, the IT group onboarded GLWA's new emerging technology director, Kalpana Yendluri, who will lead the GLWA Emerging Technology Council in the piloting and selection of emerging technology to recommend for operationalization. The scope of the Council includes artificial intelligence, both generative and machine learning, as well as digital twins, augmented reality, and other emerging IT to support GLWA's effective operation.

IT Strategy

The IT group has developed a three-year IT initiative roadmap that incorporates feedback from the 2025 IT Satisfaction Survey conducted on the IT Group's behalf by an independent organization. The survey revealed an 84% satisfaction rate with the IT Group, which is in the top 20% of the organizations surveyed, and it also included actionable comments from respondents that the IT Group has incorporated in the roadmap. The roadmap includes initiatives such as emerging technology, cybersecurity, infrastructure resiliency, continued technology modernization, and application updates. The roadmap also lays out continuous improvement initiatives to benefit the IT Group's internal teams as well as to enhance service levels to the entire organization.

IT Project Management Office (PMO)

Currently, the IT PMO is managing 17 active projects and is processing four project requests. The PMO is also assisting with 15 initiatives.

PUBLIC AFFAIRS

GLWA Maintains Consistent Communication Surrounding the 36-Inch Transmission Main Leak

The Public Affairs Team maintained a consistent cadence of communication to keep member partners, and the impacted communities informed about the leak on GLWA's 36-inch transmission main on Gratiot between 24 and 25 Mile Roads in Chesterfield Township. In addition to news releases marking project milestones, interviews were coordinated with Cheryl Porter, GLWA's Chief Operating Officer, Water and Field Services. To date, coverage has been neutral in sentiment.

PUBLIC AFFAIRS (continued)

Celebrating the 85th Anniversary of the Water Resource Recovery Facility with a One Water News Drop

The Public Affairs Team created a One Water News Drop video to celebrate the 85th anniversary of the Water Resource Recovery Facility (WRRF). Since its establishment in 1940, the WRRF has evolved into the largest single-site wastewater treatment facility in North America, serving nearly three million people.

The video honors this legacy, as we look forward to continuing our environmental stewardship and community support for many more years to come. **Click here to watch the special video!**

GLWA, Detroit Public Schools Community District (DPSCD) Student Mural Art Outside of Water Resource Recovery Facility Completed

"Water Pride," the winning mural design by DIA for Young Women 11th grader, Heidi Easthouse, is now complete!

The design, painted by Detroit muralist Nick Pizaña, was created as part of a partnership with DPSCD to host a contest where students entered mural designs to be displayed at the Water Resource Recovery Facility.

Thank you to our student artists and DPSCD for bringing GLWA's one water story to life!

SECURITY AND INTEGRITY

The Hazmat Unit coordinated and completed a total of 263 hours of training during the month and completed 537 total training hours for the Security and Integrity group for the month of March.

SECURITY AND INTEGRITY (continued)

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 conducted a tabletop exercise for the Northeast Water Treatment Plant at the Southwest Water Treatment Plant, in addition to hosting meetings for the ongoing WRRF DTE backup power event.

ORGANIZATIONAL DEVELOPMENT (OD)

Performance Team

Internship

Intern Networking Meet & Greet

The interns attended a Networking Meet & Greet with the Executive Leadership Team (ELT) on June 30, 2025. Interns connected with the ELT using the "speed networking" format, where ELT rotated between tables, engaging in five-minute conversations with each intern.

Sue Coffey, CEO, at the ELT Meet & Greet

L to R: Sarah Weber, Intern, Mary Dunne, Intern, and Haley Grooms, Intern, at the ELT Meet & Greet

ORGANIZATIONAL DEVELOPMENT (continued)

Jordie Kramer, Chief Organizational Development Officer, speaking to the Interns at the ELT Meet & Greet

Brian Carter-Team Leader, leads the tour of Water Works Park

Apprenticeship

Electrical Apprentice graduate, Joshua Walker, and Electrical Apprentice, Chris Seaton, earned their Electrical Journeyman Licenses. This significant milestone reflects their hard work and dedication to their trade.

Performance

The annual Final Performance Reviews were successfully completed with 100% compliance.

Outreach and Events

Interview and Article

Patricia Butler, Director, Organizational Development, was interviewed by the Association of Metropolitan Water Agencies (AMWA) for their June 30th edition of the *Water Utility Executive* newsletter on workforce. The article emphasizes GLWA's workforce development strategy, which is aimed at building a strong talent pipeline through apprenticeships, internships, and skills-based career ladder programs.

HR Roundtable

On June 5, 2025, Organizational Development hosted a second HR Roundtable on Employer-Led Collaboratives using the Talent Pipeline Management model. The event brought together human resources and public works professionals from our member partner community to explore the importance of building a talent supply chain, using data to drive talent pipeline strategy, and collaborating with community partners to address workforce challenges.

ORGANIZATIONAL DEVELOPMENT (continued)

Training

During June, 63 instructor-led training courses were delivered to 344 GLWA team members, totaling 413.5 instructor-led training hours. In addition, 94 online self-paced training courses (e.g., KnowBe4 and 360Water) were completed, totaling 78 self-paced training hours.

Staffing

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

Number of New Hires	15
Number of Separations	8
Total Staffing - Regular FTEs (YTD)	1097
Total Staffing – Part-Time (YTD)	33

FINANCIAL SERVICES AREA

June 2025 Audit Committee Recap

The June 2025 regular monthly Audit Committee meeting was held on Friday, June 27, 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 March 2025
- ✓ Gifts, Grants & Other Resources Report
- ✓ Quarterly Construction Work-In-Progress (CWIP) Report
- ✓ Procurement Pipeline for May 2025

Other notable reports that were received and filed:

- ✓ 2025 Bond Transaction Update

Expanded Media Coverage of GLWA's Successful Bond Transaction and Ratings Upgrade

Last month the Board received a briefing on the successful bond transaction that closed on June 30, 2025. That report also noted the upgrade from Fitch Ratings on the Sewer System bonds to AA for the senior lien and AA- for the second lien, with affirmation of strong ratings from each of the other rating agencies.

FINANCIAL SERVICES AREA (continued)

This month, the GLWA bond transaction was featured in an article published July 9, 2025, by The Bond Buyer. The article discussed the details of the complex transaction that included new money bond proceeds as well as the innovative tender refunding.

GLWA Expertise Tapped for National GFOA Conference Panel

Deputy CFO Kim Garland serves on the national Government Finance Officers Association (GFOA) Debt Committee. This month, at the national GFOA conference, Kim participated on a panel including leaders from the Municipal Securities Rulemaking Board, the Securities & Exchange Commission Office of Municipal Securities, and a state higher education facilities authority. The topic was Enhancing Issuer Disclosure Practices.

Financial Services Area Hires Intern

The Financial Services Area (FSA) is excited to welcome Josh Steinhebel as a full-time Professional Administrative Assistant working with the Public Finance Team. Josh first joined GLWA as an intern in the CFO Services group last summer. He continued working as an intern throughout the school year and was hired as a full-time team member following his graduation from Eastern Michigan University.

New Public Finance team member, Josh Steinhebel

CFO Services Group and Treasury Team Professional Development Event

Members of the CFO Services and Treasury groups engaged in a development event.

On Monday, June 9, the CFO Services group and Treasury team held an in-service meeting focused on group culture and dynamics. A third-party facilitator led team building activities through structured discussions and break-out sessions. The group also incorporated insights from the recent Gallup survey to help recognize group strengths to build on, and challenges to be mindful of moving forward. The meeting supports the group's establishment of baseline goals for 2026.

FINANCIAL SERVICES AREA (continued)

GLWA Procurement Earns the Achievement of Excellence in Procurement Award

The GLWA Procurement group has been awarded the prestigious 2025 Annual Achievement of Excellence in Procurement (AEP) from the National Procurement Institute (NPI). The AEP award is earned by agencies that demonstrate a commitment to procurement excellence. This annual award recognizes procurement organizations that embody professionalism, productivity, leadership, and encourage innovation.

The AEP program promotes the development of excellence and continued organizational improvement. Evaluators for the award included procurement directors and managers from public agencies throughout the United States and Canada.

For 2025, GLWA was one of 216 successful applicants which included cities, counties, special districts, school districts, higher education agencies, state or provincial agencies, as well as other applicants. Further, GLWA is one of only three Michigan agencies to receive this award.

GLWA's Procurement team works diligently to provide purchasing expertise and quality customer service. The team continously strives to support GLWA's mission through integrity and operational excellence.

The June Procurement Pipeline is attached. This month's Pipeline includes a list of upcoming solicitations.

OFFICE OF THE GENERAL COUNSEL

***Legislative Updates*:** The Office continues to monitor 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.

OFFICE OF THE GENERAL COUNSEL (continued)

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

June and July 2021 Rain Events: The Office is providing legal support in response to the significant rain events in June and July 2021. Recently, the trial court dismissed most of the lawsuits against GLWA based on governmental immunity. The Plaintiffs are appealing the decision, and oral arguments were heard on January 7, 2025. The Court recently dismissed an additional lawsuit related to the July 2021 storm event. The Plaintiffs are also appealing 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. David W. Jones, (GLWA General Counsel) and Jeremy Romer (Dearborn City Attorney) have planned to meet within the next 14 days to negotiate and finalize the specifics of the proposed negotiations of a model contract.

Highland Park Settlement Agreement*:* On February 14, 2024, the GLWA Board voted to approve of the settlement agreement in final (or next to final) form. On March 18, 2024, the Highland Park City Council unanimously approved the Settlement Agreement between GLWA and the City. When the Settlement Agreement is fully executed, the trust incorporated as a part of the Settlement Agreement is funded, and initial distributions from the trust are received, the Highland Park litigation will be closed. The trust has been funded and the initial distributions from the trust have been received. On June 10, 2024, the following Stipulated Orders were submitted to the Court: a stipulated order to dismiss the 2014 case; a stipulation for dismissal of the 2023 appeal from the 2014 case; a stipulated order for dismissal of the 2020 case; and a stipulated order for release of the cash bond to GLWA in the federal case. As of this reporting, all Stipulated Orders have been entered by the courts, and the cash bond in the federal case has been returned to GLWA. The parties, along with the Michigan Department of Environment, Great Lakes, and Energy have agreed to water meter locations and are now working to have those meters designed. The GLWA team and representatives of Highland Park are scheduled to meet within the week to discuss progress to date and city concerns in Highland Park.

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

OFFICE OF THE GENERAL COUNSEL (continued)

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

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

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

96-inch Water Transmission Main**:** OGC staff attended the GLWA 96-inch WTM Stakeholder Advisory Committee Meeting. Construction updates include: an addition of 8,000 feet of 96-inch water main in Dequindre Road; and paving in North Dequindre complete and open to traffic in July 2025. The South Dequindre Road segment is paved and reopened to traffic. Excavation and welded steel pipe installation in North Dequindre Road is complete. Contractor achieved substantial completion ahead of schedule. Project Stakeholder Coordination continues with Local Residents, Businesses, Institutions including: Yates Cider Mill; Rochester Community Schools; Utica Community Schools (Roberts Elementary); 23 Mile/Dequindre Medical Plaza; Southeast Oakland County Resource Recovery Authority; Detroit Sportsmen's Congress Gun Club; Michigan Department of Transportation; Shelby Township; Rochester Hills; Individual Homeowners and Home Owners Association's along Dequindre Road; Macomb-Orchard Trail Commission; Michigan Department of Civil Rights, Clinton River Trail Alliance; Friends of the Clinton River Trail; DTE and other utility providers. Communication updates continue including a July 2025 GLWA-Road Commission for Oakland County joint press release.

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

Environmental and Workplace Safety Compliance**:** The Office continues to work with the COO and team leaders from both the water and sewer systems to comply with regulations and to respond to any alleged violations. OGC staff attended a webinar on "Improving Cyber Resilience Against the Rising Tide of Cyber Threats." Additionally, staff participated in a "Welcome to GLWA OGC" presentation and meeting for the new attorneys and legal intern.

OFFICE OF THE GENERAL COUNSEL (continued)

NPDES Permit Negotiations: OGC staff attended a meeting with EGLE/WRD and discussed the upcoming negotiation meetings. EGLE's goal is to have the NPDES Permit finalized by the fall of 2025.

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

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

Easements for 42" Water Main Affecting Mt. Clemens Connection Project: The Office is working to secure permanent easements for two segments of the 42-inch water main constructed in approximately 1994 in Harrison 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 participated in "Adapting Green Infrastructure to Meet Today's Challenges" workshop.

***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 was held June 24, 2025.

OFFICE OF THE GENERAL COUNSEL (continued)

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

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

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

***Statistics*:**

	#
Contracts approved as to form:	32
Contracts drafted or revised:	86
Subpoenas/Information requests received:	13
Subpoenas/Information responded to:	12

Respectfully submitted,

Suzanne R. Coffey

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

SRC/dlr
Attachment: June Procurement Pipeline

Procurement Pipeline

Great Lakes Water Authority (313) 964-9157 www.glwater.org **June 2025 - Volume 70**

Welcome to the June 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: How to Maintain an Active Vendor Profile in Bonfire

Keeping your Bonfire Vendor Profile updated is a key component to successfully doing business with GLWA. Read below to learn more on maintaining an active and up-to-date vendor profile in Bonfire.

1. Check to see that you have provided the full and unabbreviated name of your company.
2. Review the commodity codes that you have selected. These reflect the goods and/or services that your company provides.
3. Indicate current diversity certifications that your company holds (Minority-owned Business, Woman-owned Business, Small Business, and Disadvantaged Business).
4. Update contact information as needed to reflect employee turnover and consider using a distribution-style email address (e.g., bids@xyz.com) to help ensure that important notifications are received in a timely manner.
5. Review your email inbox settings to help ensure that Bonfire notifications and GLWA communications are not misdirected to junk or spam folders.

How an active Bonfire profile benefits vendors:

- ✓ Enables vendors to receive customized Bonfire solicitation alerts directly to your inbox. This helps vendors have maximum time to develop a bid or proposal response for a project that aligns with the goods or services that they provide.
- ✓ Allows vendors to receive communications from GLWA, including the monthly Procurement Pipeline newsletter.
- ✓ Ensures your company is accurately represented when GLWA issues Invitations to Quote (ITQs). ITQs are a type of solicitation used to invite vendors to an informal process to quote on specified goods and/or services. An active profile in Bonfire is the best way to be notified of ITQs.

Any questions about maintaining an active profile in the Bonfire Procurement portal 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 May 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 June 2025

Category	CIP #	Description/Project Title	Budget
Water System (next four to nine months)			
Construction	111001	Lake Huron Water Treatment Plant – LH-401 Switchgear and	$95,000,000
Design Build	170803	Reservoir Rehabilitation Phase III	$51,830,000
Wastewater Systems (next four to nine months)			
Construction	273001	Hubbell Southfield CSO Facility Improvements	$56,100,000
Construction	211009	EB-20 Substation Replacement and Primary Area Gas Detection	$4,400,000
Design	270009	Site improvements at BC, BLI and STA CSO Facilities	$640,000
Enterprise (next three months)			
N/A			
Water System (next three months)			
Professional Services	O&M	Sludge Contract	$22,498,000
Professional Services	O&M	Water Master Plan	$1,500,000
Wastewater (next three months)			
Design	270002	Meldrum Sewer Diversion and VR-15 Improvements	$2,000,000
Construction	261001	Critical Repairs to Secondary Clarifiers and B-Houses	$4,360,000
Construction	232002	Conner Creek Sanitary Pump Station	$167,000,000
Design	270007	CSO Facility Disinfection Improvements	$2,063,930
Construction	213006	WRRF Improvements to Sludge Feed Pumps at Dewatering	$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	Valve Reconditioning Service	$54,000,000
Construction	122016	Downriver Transmission Main Loop – Phase 1 – Inkster Road	$2,172,102
Professional Services	O&M	Refuse and Recycling Services	$654,000
Professional Services	O&M	Glass and Glazing Repair/Replacement Services	$400,000
Professional	O&M	Flooring Covering	$246,000
Construction	270006	CSO Facility Improvements II	$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