



Office of the Chief Executive

735 Randolph Street, Suite 1900
Detroit, Michigan 48226

June 26, 2024

The Honorable
Board of Directors
Great Lakes Water Authority

RE: CEO Report – June 26, 2024

Chairperson Baker and Directors,

I'm pleased to begin my report this month by sharing that we received very favorable outcomes from our recent bond transactions for the water and sewer systems.

These outcomes included the affirmation of our strong credit ratings from all three ratings agencies, as well as the reduction of the Reserve Requirement to zero, which allowed GLWA to use the funds in the existing reserve accounts to reduce the size of the transaction by \$32.2 million (across the two systems) and improve total cashflow savings to \$130.4 million.

I want to thank Chief Financial Officer and Treasurer Nickie Bateson and her team, as well as everyone who participated, for their outstanding efforts – just six short months after our last bond transaction. An incredible amount of work goes into these transactions, and our team always rises to the challenge!

I'm pleased to announce that I have promoted Bill Wolfson from Chief Administrative and Compliance Officer to the new role of Deputy Chief Executive Officer. This promotion is well earned and reflects his extraordinary abilities to provide this organization with counsel and leadership in a broad range of areas, including operations, human resources, emergency management, finance, legal and legislative. Bill is an incredibly insightful leader and dedicated public servant who has worked tirelessly during his time at first DWSD, and now GLWA to help ensure that the people of Detroit and southeast Michigan have access to clean, safe water. I look forward to continuing to work with him in this new role.

While we are talking about Bill, I would be remiss if I did not point out that he was recently chosen by the State Bar of Michigan to receive the 2024 Frank J. Kelley Distinguished Public Service Award at the State Bar's September 2024 meeting. The award is given to a member of the state bar who has served in the public sector "in a way that strengthens the American system of justice under the law," demonstrates "the highest standards of integrity, fairness, leadership, excellence, dedication to principle, and dedication to the ideals of democracy" and "has made a significant lasting contribution to the nation, the state, or the community in which the public servant lives or serves." This is an amazing accomplishment, and we are so proud that the State Bar of Michigan has honored him with this prestigious award.

The last week or so has seen our region dealing with a stretch of volatile weather marked by high temperatures, strong winds and severe thunderstorms. During this time, we experienced an unusually high number of momentary pressure fluctuations within the regional water transmission system, many of which were related to the weather. Fortunately, we were able to operate without significant impacts to the service level we provide our member partners.

At the recent American Water Works Association Conference, Cheryl Porter, our Chief Operating Officer-Water and Field Services, was elevated to president of the AWWA. As you may know, Cheryl is the first African American and the first woman of color to achieve this position in the groups 143-year history. I can't tell you how proud I was to be there and witness the official gavel passing that marked her rise to this prestigious position. It is, without a doubt, one of my proudest moments here at GLWA. I am certain that Cheryl will do great things as president not only for the water sector as a whole, but also for GLWA and our member partners, too!

We also have a number of other recent recognitions that I am very proud to share with this board.

First, focusing on our operational side, at the recent AWWA conference, our Lake Huron Water Treatment Plant received the Partnership for Safe Water's Presidents Award for Water Treatment, and our Water Works Park Water Treatment Plant received the five-year Directors Award for Water Treatment. Congratulations to Lake Huron Plant Manager Chris Steary and his team, as well as Water Works Park Plant Manager Andrae Savage and his team for their collective efforts to ensure GLWA provides water of unquestionable quality to its member communities! In addition, also while at the conference, GLWA was named the Water Research Foundation's (WRF) 2024 Subscriber of the Year. This award honors subscribing utilities that have made notable improvements to their treatment, delivery, and/or management processes through the successful application of WRF research.

Switching over to our administrative side, our Organizational Development Group (OD) recently received two recognitions I think are important to share. First OD was selected by Crain's Detroit Business as its HR Team of the Year. Jordie Kramer, our Chief Organizational Development Officer likes to say that she and her team are working to put GLWA 'on the map' as an employer of choice in southeast Michigan. I think this award is one proof point that her and her teams' efforts are working! Second, the National Association for Business Resources (NABR) selected GLWA as one of its first round of Michigan's Best and Brightest in Wellness winning companies, which are companies that prioritize employee health, wellbeing, and workplace culture.

Finally, the National Academy of Television Arts and Sciences Michigan Chapter has presented GLWA's Public Affairs team with its second consecutive Emmy Award! GLWA won the Branded Content category for the "TAP IN" recruitment campaign, beating out five other nominees, including the likes of Henry Ford Health and the Detroit Lions.

In my mind, this campaign helped GLWA on two fronts – first, it raised our profile as an organization and an employer, second – and perhaps most importantly – it showed our team how important they are and the value they bring to our organization. You can watch the video [HERE](#).

While this much positive news might not always be the case in my monthly reports, as CEO I am beaming with pride and gratitude.

PLANNING SERVICES

Enterprise Asset Management Group (EAMG)

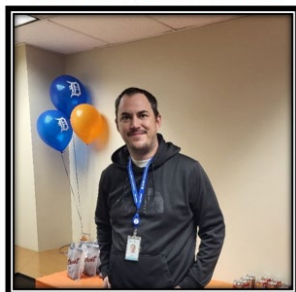
GLWA's Asset Management Strategic Organization (AMSO) held its 7th Annual All AMSO Team Meeting on May 16, 2024. AMSO is GLWA's internal cross-functional team governance structure providing strategic guidance and direction for asset management activities. The meeting was attended by 64 team members from business units across the organization including members of the Executive Leadership Team, Managers, Directors, and Team Leads engaged in day-to-day asset management activities.

Most Valuable Member



Dan Aman, Team Leader, Water Operations - Lake Huron

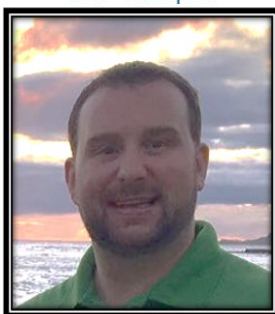
Most Collaborative Member



Chad Cogar, Manager, WRRF Maintenance

The meeting was themed “**Cresting the Hill**” as this year feels like we are approaching the peak after a long and strenuous uphill marathon associated with the NEXGEN computerized maintenance management system implementation. The team’s hard work and effort will be a success as we approach the “go live” date later this fall and begin to tackle other improvement initiatives that are on the horizon.

LSIP Champion



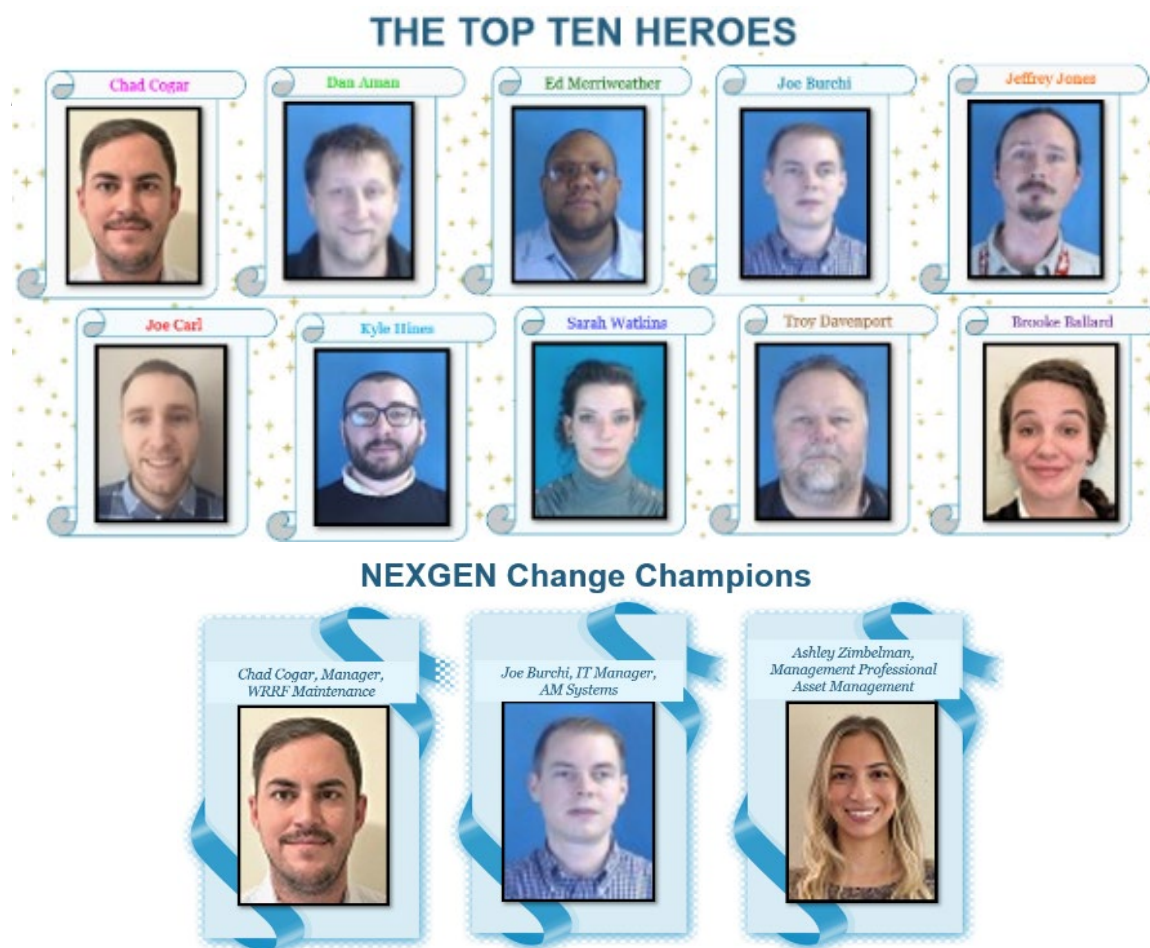
Peter Fromm, Director, Water Transmission

The meeting included updates on last year’s asset management activities including the Enterprise Asset Management Group’s initiatives, NEXGEN implementation efforts, and Capital Improvement Planning (CIP) progress. Several group activities were held to identify future asset management priorities and improvement initiatives.

PLANNING SERVICES (continued)

With yet another challenging year behind us and another one around the corner, we paused to acknowledge the many team members across GLWA who have demonstrated noteworthy accomplishments, contributed to many asset management successes, and made notable contributions to asset management best practices. Certificates of appreciation were given to 10 Asset Management Heroes nominated by their peers, the Most Valuable Member, the Most Collaborative Member, a Linear System Integrity Program (LSIP) Champion, and three NEXGEN Change Champions.

This was a great opportunity for team members to recognize and acknowledge one another for their dedication to asset management at GLWA.



Capital Improvement Planning (CIP) Design:

In May, the Capital Improvement Planning Group focused extensively on collaboration with Engineering Teams to finalize project scoring and integrate new projects for the FY 2026-2030 CIP development cycle.

PLANNING SERVICES (continued)

This collaboration included actively seeking updates on project costs and schedules to provide Engineering Teams with scenarios that enhance alignment with the financial plan (See Project Updates Score Card below). This work is crucial for the upcoming alignment phase scheduled for later this summer.

Project Updates Score Card

CIP Portal Project Updates		Water	Wastewater
Number of Projects Total in CIP		71	78
Scoring Updates Summary	Number of projects that do not require rescoring	35	43
	Number of projects eligible for scoring	36	35
	Number of project scores reviewed and/or updated	13	27
Project Information Updates Summary			
Overview Update	Updated	20	74
	No Change	51	4
Project Activity Phase Update	Updated	45	66
	No Change	26	12

The CIP Group's dedicated efforts laid a strong foundation for the upcoming alignment phase and ensured continuous improvement in project planning and management processes. The group's proactive approach to updating project costs and schedules, and enhancing the Program Management Plan (PMP), demonstrates a commitment to a strategic and streamlined CIP development cycle for the FY 2026-2030 CIP as the group navigates the various steps of planning with the end in mind.



Annual CIP Process- CIP Planning with the End in Mind

PLANNING SERVICES (continued)

Furthermore, the CIP Controls Group made significant progress in reviewing and providing feedback on contractor provided, Primavera project schedules submitted through project managers. Per our contract specifications, construction contractors are required to submit updated contract schedules using the scheduling software, Primavera (version 6) on a monthly basis. These schedules are reviewed by project managers and the CIP Group for inclusion in GLWA's overall cost and schedule management system. Of the 71 construction contracts, the CIP group has received and is regularly reviewing Primavera schedules for approximately 24 percent of those projects. We will be working with project managers over the next several months to increase the number of schedules provided by contractors with a goal of reaching 100 percent compliance.

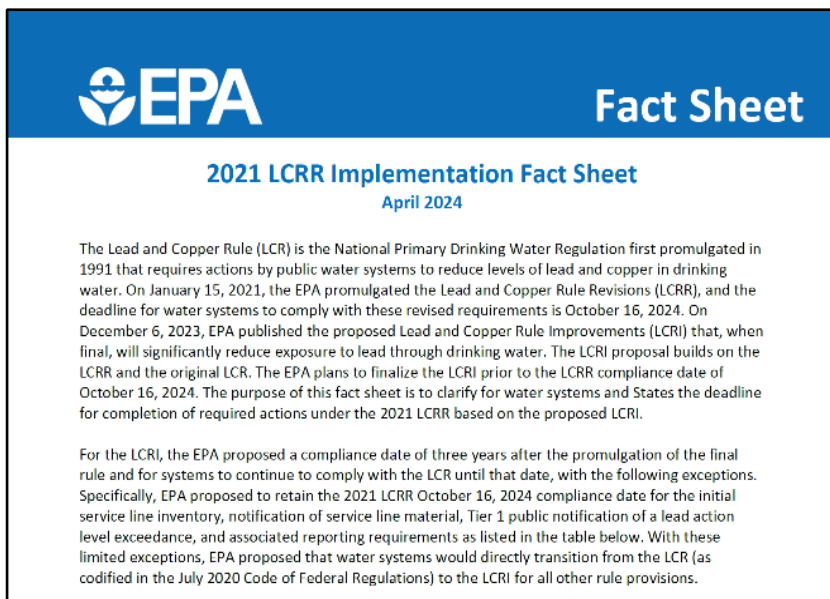
With assistance from AECOM, the CIP group continued implementing the PMP. This month, they finalized decisions related to PMP Chapter 15, CIP Planning and Development with a focus on the CIP projects' planning phase. A significant enhancement is the introduction of this formal project planning stage as a prerequisite to commencing the design phase on CIP projects.

Also, over the past month, the team actively engaged in recruiting efforts to fill key positions. The CIP group reviewed resumes and conducted interviews for the Assurances Manager role to strengthen the program further. Furthermore, the process of filling current vacancies, including Budget Management Professionals and a Project Management Information Systems Analyst, was initiated.

PLANNING SERVICES (continued)

Member Services Group

On May 16th, the **Communication and Education Work Group** met to discuss ongoing initiatives and plans for 2024. The meeting started with a colleague connection exercise where participants shared various efforts supporting source water protection in recognition of Drinking Water Week in Michigan. Curtis Burris-White, Stefanie Burns, and Mikayla Evans from GLWA Public Affairs provided updates on developing a new water treatment video and the next phase of the "TAP IN" recruiting campaign.



EPA LCRR Implementation Fact Sheet

Additionally, the work group discussed the Environmental Protection Agency's (EPA) Fifth Unregulated Contaminant Monitoring Rule sampling requirements and Lead and Copper Rule Revisions (LCRR) compliance, including upcoming requirements outlined in the EPA's 2021 LCRR Implementation Fact Sheet. The State Drinking Water Advisory Council developed a toolkit available on the Michigan Department of Environment, Great Lakes and Energy's (EGLE) website [here](#). The toolkit consists of various print materials (flyers, fact sheets, posters), videos, and social media posts educating end users on reducing their lead risk in drinking water. The meeting continued with a proposal for a finance/billing/metering roundtable event and a discussion of potential topics and targeted audiences.

PLANNING SERVICES (continued)

A **Wastewater Analytics Task Force** (WATF) meeting was held at the University of Michigan Detroit Center in Detroit on May 30th. The meeting began with Imad Salim of Wade Trim delivering a presentation on GLWA's Consolidated Annual Report (CAR). The CAR is submitted to EGLE each year by GLWA that includes multiple operational plans along with summaries of discharge events and a collection system project list with descriptions. Next, Navid Mehram of GLWA gave an overview of projects and upcoming work at the Water Resource Recovery Facility, focusing on biosolids processing and disposal. Navid gave a detailed explanation of the alternatives discussed in the 2020 Wastewater Master Plan and why multiple factors including cost and operational complexity led to the current proposed method of moving away from incineration. GLWA continues to move forward with the biosolids plan, which includes issuing a Request For Proposal for a study to reevaluate master plan recommendations, engage Member Partners to identify feasible technologies, and collectively determine a solution. The next convening of the WATF is scheduled as a virtual meeting on Friday, July 12th.

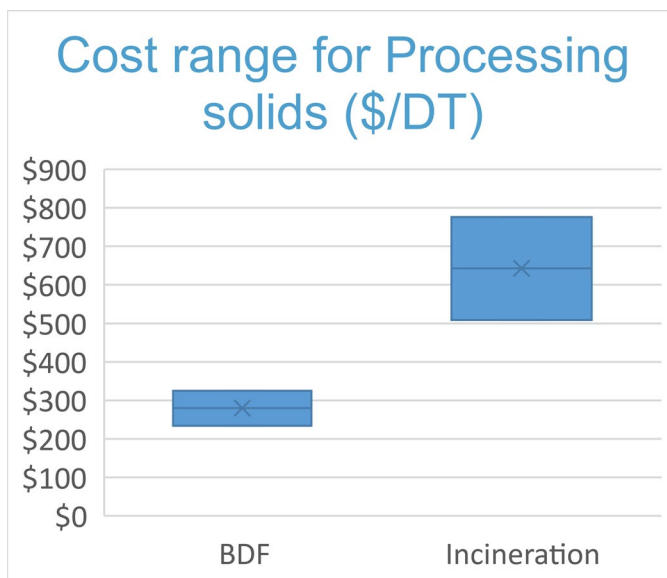


Figure 1: Cost comparison between biodigesters and incineration of solids

Water Analytics, Planning and Metering (WAPM)

The Member Services Group and the WAPM Group have been collaborating on the development of a new internal database containing Member Partner contact information. It is planned that this database will be GLWA's "source of truth" for member contact information. On May 31, 2024, the new database became operational and can be accessed via the Wholesale Automated Meter Reading portal by internal GLWA team members. There are two distinct datasets in the database.

PLANNING SERVICES (continued)

A Member Partners' tab contains community information such as population, water day and peak hour demands, water and wastewater facilities directly providing service to the member system. Additionally, a Member Contacts tab contains contact information such as name, phone number, and area of responsibility (primary contact, water quality contact, etc.).

Member Partner Name	Water System	Wastewater Systems	County	Operated & Maintained by OCWRC	Service Area	Population	Contract Max Day	Contract Peak Hour	Average Day	Sewer Contract Limit	Pressure Requirements	Number of Connections	Water Pressure Zone	Water Treatment Plant
<input type="checkbox"/> Allen Park	GLWA	GLWA	Wayne County	FALSE	7.02	27406	5.45	7.54	2.33	10.6				Southwest; Springwells
<input type="checkbox"/> Almont, Village of	GLWA	N/A	Lapeer County	FALSE	1.36	2748	0.400	0.440	0.176					Lake Huron
<input type="checkbox"/> Ash Township	GLWA	N/A	Monroe County	FALSE	33.84	7705	1.45	2.27	0.737					Southwest
<input type="checkbox"/> Auburn Hills	NOCWA	EFSDS, OMID	Oakland County	TRUE	16.66	22644			3.23					Lake Huron

©2015 GREAT LAKES WATER AUTHORITY. ALL RIGHTS RESERVED.

Member Database Module – WAMR Portal

The database offers a range of data filters to search and send mass emails to keep Member Partners informed during different events. Virtual training sessions for GLWA team members to learn how to use and navigate the new database were conducted during the week of June 3.

WASTEWATER OPERATING SERVICES

Wastewater Operations

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

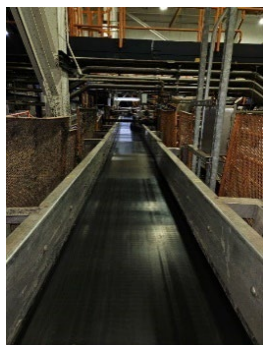
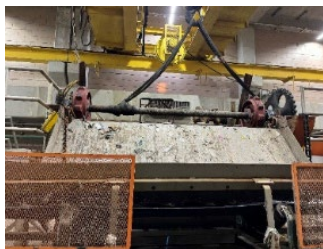
Maintenance

During a scheduled preventative maintenance activity, Primary Team Maintenance Technicians Eric Waldecker and Wesley Brent identified excessive wear on the sprockets and bearings for Bar Rack 13 at Pump Station 2 (PS2). The team then planned the replacement of the sprocket and bearings before catastrophic failure of the equipment.

WASTEWATER OPERATING SERVICES (continued)

Identifying these issues during the performance of preventative maintenance reduces overall equipment downtime and overall repair cost by allowing the repair to be planned and executed prior to equipment failure. This is a great example of a conducive and effective maintenance program.

The old sprocket and bearings removed from Bar Rack 13 are in the left photo and the new assembly being lowered into place is in the right photo.



The Incineration Team completed a project to rehabilitate all Q belts (Q-7/8, Q-9/10, Q-11/12, and Q-13/14) in Complex II Incineration. Due to an ongoing construction project on the redundant P belts, the Q belts have been almost solely relied on to convey sludge cake to the incinerators for three years. This refurbishment project will serve to maximize the reliability of the belts while the construction project finishes and provide Q belts in like-new condition to coincide with the new P belts. This provides long-term reliability and redundancy for Complex II sludge conveyance. Belt Q-9/10 after being rehabilitated is shown in the left photo.

The Dewatering Team faced significant challenges maneuvering to load and unload materials through the overhead door in Complex 1 due to a stairwell installation in front of the door. After an assessment of the area, removing the staircase and installing a catwalk from one exit door to the other and utilizing a different existing staircase was proposed. Upon review of this plan, the Central Maintenance Team took the initiative to internally fabricate this catwalk rather than outsourcing the job to a contractor, which was ultimately a cost savings of thousands of dollars. With this new catwalk in place, the Dewatering Team will be able to easily load and unload materials from Complex 1, contributing to safer and more efficient work roles.

The first photo (*shown left*) shows the existing platform by the overhead door (stairs removed) and the second photo (*shown right*) shows the newly fabricated catwalk connecting the two doors from the first photo.



WASTEWATER OPERATING SERVICES (continued)



The truck bed slide-out with the fabricated sample holders installed on a laboratory truck



The Central Maintenance Team also assisted the Wastewater Laboratory with fabricating and installing a truck bed slide-out sample holder and organizer. Each required sample will be placed in a designated spot in the organizer. This provides clarity that all samples are present after rounds. This set-up assists the Laboratory with organizing sample bottles to ensure that samples are not misplaced or overlooked during normal and wet weather operations, helping to maintain compliance with GLWA's National Pollutant Discharge Elimination System permit.

Laboratory

The Laboratory welcomed new Chemists *Rob Stinolis* and *Elijah Bouldin* to the team. As part of team development, vendor Biotage trained several team members on additional methods of extraction for Environmental Protection Agency Methods 624 and 625. Once validation is complete, this will allow the lab to be able to start up the Gas Chromatography/Mass Spectrometry testing once again.

In an effort to standardize the sampling sites, labels have been added to all sampling building entrances and samplers. These will especially aid new team members in training when joining the WRRF Laboratory.



Process Automation & Control System Team (PACS)

The PACS team successfully upgraded the control systems at Conner Creek Combined Sewer Overflow (CSO) facility, Freud Pump Station, and Conners Creek Sewage Pump Station this month. As the three sites share a common network, the upgrades were conducted during the same week to minimize system downtime.

WASTEWATER OPERATING SERVICES (continued)

The team replaced 14 power supplies, installed eight upgraded network switches, and replaced four new operator workstations, and one new database server with new rack-mounted models. In addition, all controllers, which included four redundant pairs in total, received new flash cards.

After the upgrades, the PACS Team conducted site acceptance testing at each facility to ensure proper functioning of the newly installed controls equipment and continued functionality of all operations software.

A new control system power supply installed at Conner Creek and is shown in the right photo.



Industrial Waste Control

Under the Perfluorooctane sulfonate (PFOS) and Perfluorooctanoic acid (PFOA) Minimization Program, 19 users continue to have one or more discharges that would exceed the proposed local limit for PFOS. A letter was sent to these users requesting plans for complying with the proposed limit. The 5th Annual Report was submitted to the Michigan Department of Environment, Great Lakes, and Energy on May 1, 2024.

The EPA Region V, PFAS Compound Study – Community Grant staff agreed with our recommendation that the proposed project satisfied a National Environmental Policy Act exclusion, and that GLWA could proceed with preparing the on-line application process grants. Additional direction concerning the development of Qualified Assurance Project Plan will be provided in early-May.

Engineering And Construction

CIP Construction

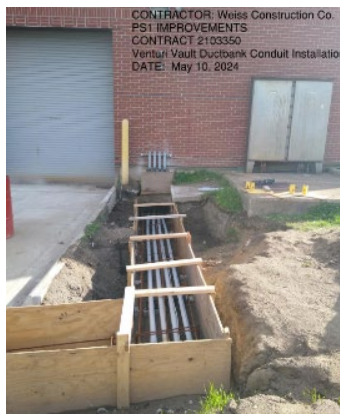
CIP 211005.3, Contract No. 2104082 – Pump Station 2 Mag Meter Replacement

This construction project replaces the six remaining 54-inch end-of-life flow meters for the main lift pumps. Construction mobilization occurred with the electricians investigating the cable connections to each magnetic flow meter and offering solutions to replace the cable and conduit to allow for a cleaner installation. This will allow electrical related construction activities to continue while we wait for drier weather patterns of the summer season to emerge. It is expected that the flow meters can be replaced commencing in July 2024.

WASTEWATER OPERATING SERVICES (continued)

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

GLWA sent a letter to Weiss to expedite the resubmittal of the medium voltage Motor Control Center resubmittal which is on a critical path to avoid further delay. The Flowserve submittal was reviewed and rejected with almost 240 comments. Weiss is currently performing work at the Upper Wet Well and work will be started soon on the upper and lower roof HVAC units' demo and replacement per approved equipment shutdown request. Venturi



vault duct-banks work is ongoing and demolition on the venturi vaults will begin soon per approved facility access request. Venturi vault duct-bank installation shown above left and pipe support replacement in PS-1 tunnel shown in above right photo.

CIP 211008, Contract 2002190 – Rehabilitation of Ferric Chloride Feed System at Pump Station-1(PS-1) and Complex B Sludge Lines (WRRF)

The Contractor has completed the backfill and grade over the Chemical Sump demolition and continues to work on the last deficiency list items in the Ferric Chloride building. Final building inspection and certificate of acceptance has been received, and substantial completion certification is being issued. The final completion of punch list items and paperwork is being worked on.

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

This Design-Build Contract was awarded to Kokosing Industrial, Inc. with a start work date of April 8, 2024. The required substantial completion date is September 25, 2029, and the required final completion date is March 27, 2030. The total contract value is \$209,880,500.00. The Contractor mobilized at the site and started the field investigation/study/design phase. A preliminary Instrumentation & Controls/Asset Management workshop was conducted on May 23, 2024. The project schedule is being revised by Kokosing addressing the comments from GLWA.

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

The CON-197 conveyor modifications completed a root cause analysis which is pending additional requested information, as well as completion of deficiency list items, and upon acceptance, the project will move into a 30-day test. Screw Hopper access hatches have been installed on all screw hoppers. The Contractor has completed all the work on the backwash strainers and is currently greasing all the rollers and idlers in preparation for restarting the 30-day test.

WASTEWATER OPERATING SERVICES (continued)

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

Abatement and the demolition and replacement for Phase 2 for the steam and condensate replacement for the tunnels under the Administration building begins this month while the structural repairs on the tunnels are complete. Parallel potable water main is planning their testing, shutdowns, potential temp feeds, and the work solely. The work for the secondary water main lining from WAS building to Copeland Gate is planned to begin in approximately 45 days. This project will have heavy impacts on onsite traffic during its five-month duration.

Nitrogen dioxide natural gas line replacement around the primary clarifiers purge piping for the future replacement is almost entirely installed in the buildings for the future replacement work. Phasing and preparatory work for the actual replacements are being worked out and agreed upon while purge piping is being installed. The secondary final effluent large diameter gate valve assessment program has held its pre-construction meeting and is beginning to plan the work.

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

Complex A and B pipe gallery repair work is on-going and about 90 percent completed. The Contractor is currently performing repairs at Sludge Storage Tanks #5 and 6. The Contractor completed repairs in Sludge Thickener Tank # 1 and returned to operation and completed repairs in the tunnel after yard piping Contractor removed asbestos and piping.



*Repairs at Sludge Storage Tank # 5 shown in the left photo
Repairs at Sludge Thicker Tank # 1 shown in the right photo*

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

The winter and spring of 2024 presented challenging conditions for the Detroit River Interceptor project due to heavy rain and high flows. Despite these obstacles, the team has made substantial progress, with up to three crews working daily on repairs and cleaning. Reach 1A has been successfully completed, and we are now 90 percent complete with Reach 2 and 2A. At Fox Creek, Jay Dee crews have commenced hand-mine tunneling for a new flushing structure. The necessary property easements are expected to be secured by June 2024, which will enable the start of launch shaft construction, tunneling, and slip line work.

WASTEWATER OPERATING SERVICES (continued)

CIP 260204, Contract No. 2103688 – Rehabilitation of Connors Creek Sewer Systems

Grouting and spot repairs are ongoing under the Detroit airport. Rebar coating began again. Slip lining started with the arrival of all the pipe and installation of an access pit at Conner north of 6 Mile. Design for improvements at the Conner CSO forebay are in process with design nearing 90 percent completion.

CIP 260205, Contract 2102824 – Rehabilitation of the Northwest Interceptor from 8 Mile to Tireman

The bulk of the rehabilitation work is complete. Additional debris removal and grouting have extended the project to August 1, 2024, to complete the work that is needed over the contract quantities.

CIP 260206 - 2202757 - Joy Brush Bates Rehabilitation (RWCS)

Work continues on the Joy sewer West of M-10. The Brush/Bates sewer segments are starting now.

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

The project has reached substantial completion. There are major administrative and punch list items that are being worked on along all parts of the project. It is anticipated this project can be final and accepted by August 1, 2024.

CIP 260510, Contract No. 2204611 - CSO Outfalls Rehab Phase V

The contractor has completed debris removal from Outfalls B-25, B-35, B-41, & B-44 and continues to remove debris from Outfalls B-4 & B-37. The contractor has completed spot repairs in the chamber portion of Outfalls B-25, B-26, B-30, B-32, B-33, B-34, B-35, & B-41 and has started repairs in Outfall B-44. The contractor has completed spot repairs in the sewer portion of Outfalls B-4, B-34, B-35, & B-41 and continues to perform this work in Outfall B-44. The contractor has completed the manhole frame and cover replacement for Outfall B-44 and is working on removing the delaminated liner within Outfall B-4, preparing Outfall B-25 for the installation of flowable fill, and installing the structural spray lining in Outfall B-35.

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

All base contract work is completed; The Contractor is finalizing record drawings for review. DTE Energy provided a proposed plan on May 28, 2024, and requested an updated Riser Diagram which the Contractor submitted to DTE Energy on June 4, 2024. The Contractor will revise the design plan and provide a cost proposal to GLWA by mid-June. Based on this, it will be decided if a change order is needed to complete the work within the current contract amount and time.

WASTEWATER OPERATING SERVICES (continued)

CIP 260701, Contract 2102859 – Conveyance System Infrastructure Improvements

The project is moving forward on schedule and on budget. Currently, 14 of the 21 major cast-in-place concrete backwater gate structures are nearly complete. The Contractor has been steadily installing new backwater slide gates, and flap gates, with over half of them already delivered. Installation of instrumentation is currently underway. B006 and B21/22 instrumentation has been tested and calibrated.

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

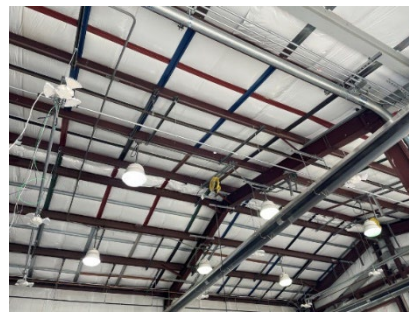
Manhole Modifications, and Level Sensor explosion proof conduits installation at most of the ISD locations and Hatch replacements at VR locations are complete. Currently, structural, HVAC, and mechanical installations at ISD Control Vaults are ongoing. ISD repairs and new Level Sensor installation is underway, as is preliminary testing for control vaults at multiple locations. Engineer-directed repairs to inflatable dams will begin in July and August. The contract time is being extended via change order to be substantially complete in March 2025.

CIP 260802 – Contract 2300394 – WRRF Roof Improvements

This project is to replace various roofs at the WRRF which have exceeded their life expectancy. The Contractor has minor detail work for the Scum Concentration building to complete and mobilize on the Dewatering Complex I roof.

CIP 260901, Contract No. 2101878 – WRRF Hazmat Building Rehabilitation

Construction is progressing at the site towards substantial completion in the next few months. The ceiling is completed in the newly modified Locker Commons room. Grading and asphalt are complete. Surface preparation for external painting is ongoing. Electrical work and underground plumbing are complete in the apparatus bay area. A change order is in process to add additional funds to undertake some unforeseen changes. *Photos of this project's progress are shown below.*



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

The contractor continues to perform crack repairs within the Surge Basin and exploratory excavation in preparation for the installation of the canopies. The contractor has begun modifying the Parking Structure entrance and exit drive off of West Jefferson Avenue.

WASTEWATER OPERATING SERVICES (continued)

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

The Contractor is working on backfill and compaction of base under storage racks as well as preparing for concrete pour of structural slab inside the plumbing shop. The trenching south of the plumbing shop for the duct bank is complete, and the Contractor is looking to pour the concrete duct bank in the next week or so. This electrical duct bank will hold the power supply for trailers on the south side of the plumbing shop.

Non-CIP Construction:

Contract No. 2201101 – Complex II Incinerator 11 Rehabilitation

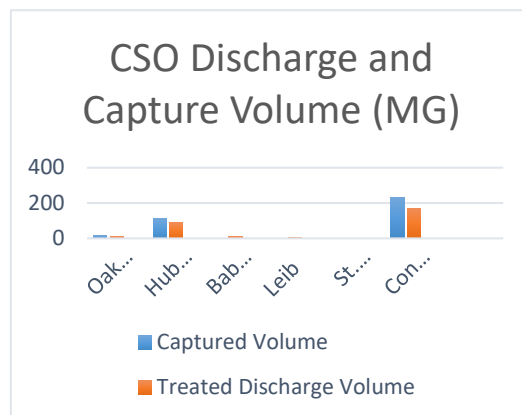
The Pop Top Damper is now installed, and the access platform and ladder are now complete. All fire brick, drop holes, flexible connectors, and mortar work within the incinerator are now complete. Compressed air lines, instrumentation lines, and the instrument panel are currently being built and assembled. In preparation for dry out and start-up, the final inspection is scheduled for July 20, 2024.

Combined Sewer Overflow (CSO) Control Program

CSO Operations and CSO Maintenance

CSO Conveyance

The CSO facilities discharged from three retention basins and two screening facilities totaling 295.7 MG and roughly captured 358 MG. This combined volume of 637 million gallons of CSO was captured, screened for trash removal, and disinfected before discharge overflowing into the Detroit and Rouge rivers. The captured volume was held until the WRRF had capacity to receive the incoming flow, then dewatered through our conveyance interceptors and pump stations.



Post-event maintenance occurred at all CSO facilities, as well as the sewer pump stations, which involved the following:

- Outfall gate inspection
- Chemical pump flushing and replacement
- Flushing the basin for grit removal
- Sanitary pump replacement
- Level sensor maintenance

WASTEWATER OPERATING SERVICES (continued)

Crews were dispatched to the facilities on May 27, 2024. The storm event lasted for two days, ending on May 29, 2024. There were intermittent discharges from the various CSO's during this period.

WATER OPERATING SERVICES

2024 Spring Regional Water Seminar

Water Quality Team Leader Yvette Hayes-Johnson (*shown below*) had an opportunity to represent GLWA as a presenter at the American Water Works Association's Michigan Section 2024 Spring Regional Water Seminar for three days. The presentation was entitled, "*Inspection & Disinfection of GLWA Reservoirs*". Yvette traveled to Livonia, Gaylord, and Grand Rapids, Michigan to give this presentation. During the event in Grand Rapids, Yvette also had the opportunity to participate as a judge in the "Water Taste Off" competition. Yvette enjoyed this opportunity to share what the GLWA Water Quality Team does to help maintain the integrity of the water before it goes to its member partners. Attendees thoroughly enjoyed the presentation, which also served as an opportunity to remind operators of the importance of maintaining storage tanks.



Water Quality Team Leader Yvette Hayes-Johnson

Southwest Water Treatment Plant

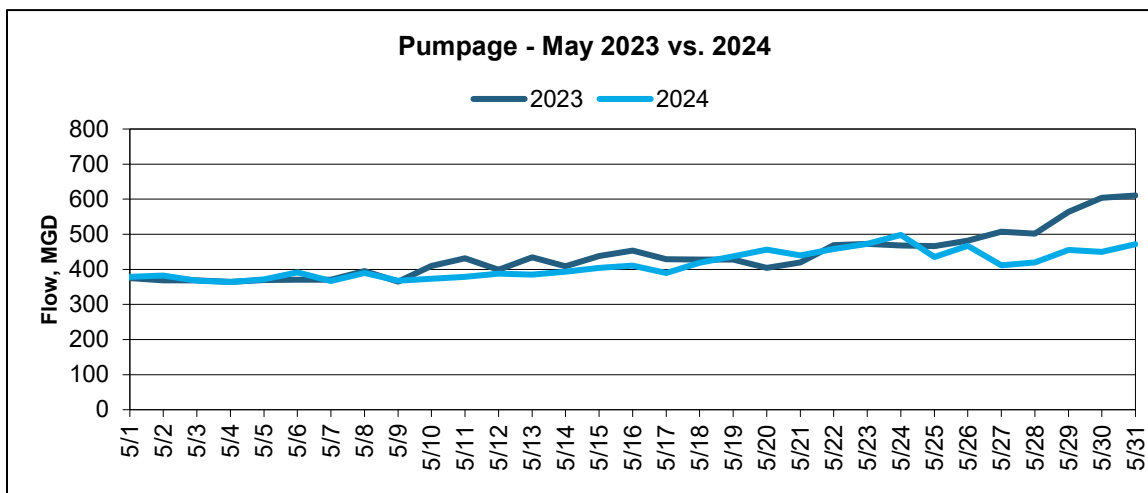
Kudos are given to David Horle (*shown right*), Chemist at Southwest Water Treatment Plant, for consistently demonstrating exceptional responsibility, dependability, and a strong work ethic. His dedication to getting things done and always going above and beyond is truly commendable. David's hard work and commitment is greatly appreciated.



WATER OPERATIONS (continued)

Systems Control Center (SCC)

There was a 5.8 percent decrease in pumpage for May 2024 compared to May 2023



Engineering

CIP# 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" butterfly valve for isolation, 16" 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. Construction for the south header improvements is forecast to be completed in the summer of 2024. Installation of the new high lift pumps and associated construction has been delayed by the pump supplier and a forecast is to be determined.

CIP# 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 #3. Flocculation improvements for Basin #2 are next and are forecast to be completed in the summer of 2024. The project is on track for overall substantial completion on July 13, 2026, and final completion by March 18, 2027.

WATER OPERATIONS (continued)

CIP# 114011 (Contract No. CON-252) Springwells Steam, Condensate Return and Compressed Air Piping

Project Manager: Brian Vanhall

This project at Springwells Water Treatment Plant replaces the steam generators, majority of steam and condensate piping, condensate pumps and replaces portions of the compressed air and natural gas piping systems. Construction is substantially complete, and the project obtained final completion May 7, 2024.

CIP# 122004 (Contract No. 2300600) 96" Water Transmission Main Relocation- Phase II

Project Manager: Corey Brecht

Project is in construction phase. The scope consists of approximately 8,000 ft. of 96-inch diameter welded steel pipe along Dequindre Rd. in Rochester Hills. Currently the contractor has installed approximately 4,400 ft. of transmission main along the south segment of the project heading to Hamlin Road. The entire project is currently on track to be completed by fall of 2025. In May, roadwork restoration commenced.

CIP# 122004 (Contract No. 2100998) 96" 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. Currently Northwest Pipe Company is fabricating and delivering Phase II pipe for the contractor involved with Contract No. 2300600. The fabrication and delivery have increased to approximately 70 percent complete.

CIP# 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 #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. As of April 3, 2024, Cascade Consultants received a Purchase Order from GLWA. Shop drawings were received on May 17, 2024, and feedback has been provided as of June 10, 2024.

CIP# 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 is currently developing the Design Build Request for Proposal package for Phase 3 that is scheduled to be advertised in July 2024.

WATER OPERATIONS (continued)

CIP# 122006 (Contract No. 1803621) Wick Road 48-Inch Water Transmission Main

Project Manager: Corey Brecht

Project is in construction phase. The work included installation of approximately 16,500 ft. of 48-inch diameter prestressed concrete cylinder pipe parallel to the existing 42-inch transmission main. The scope also included two cross connections and tie-in at the Wick Road Pump Station. All 16,500 ft. of pipe is installed, and the contractor is waiting for favorable weather to complete pavement restoration work near the pump station in spring. Project will be closed out by June of 2024.

CIP# 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 at the Lake Huron Water Treatment Plant. For the updates to the switchgear, low lift pumping improvements and high lift isolation, the consultant has provided a 60 percent design package which has been reviewed, and a revised 60 percent design package will be forthcoming. The Basis of Design Report for the High Lift Pump Station has been reviewed and returned, and the 30 percent design package was due by the end of June 2024. The Basis of Design Report phosphoric acid improvements will be due after receipt of the final target concentrations for optimized corrosion control.

CIP# 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 to address outdated and failing programmable logic controllers and controls throughout the plant, with particular emphasis in the filter building. The project is approximately 30 percent complete with Phase I. Contractor is incorporating comments provided to 30 percent drawings and basis of design report into the 60 percent design documents. The 60 percent Design Document is due June 2024.

CIP# 111012 (Contract No. 2004549) Lake Huron Flocculator Improvements

Project Manager: Eric Kramp

This project is to bring the rapid mix and flocculation systems at the Lake Huron Water Treatment Plant to current standards. This project is in the study phase, with piloting of a mix of hydraulic and mechanical flocculation underway. A pure engineered hydraulic flocculation solution could not be proven through piloting. Once sufficient data is collected, GLWA will meet with the Michigan Department of Environment, Great Lakes, and Energy to confirm that the preferred technological solution will be acceptable to the jurisdictional authority.

WATER OPERATIONS (continued)

CIP# 170801 (Contract No. CS-151A) Reservoir Inspection and Design at Imlay, Lake Huron Water Treatment Plant, Springwells Water Treatment Plant, Southwest Water Treatment Plant

Project Manager: John McCallum

This project is the design and inspection and construction management/resident project representation services for 10 finished water reservoirs. Design started in December 2018 and as-built drawings are in process now. All 10 reservoirs have been inspected and as-built documents are being prepared. The contract had one change order for additional resident project representation services. The project remains on budget and is ahead of the contract final completion on January 17, 2025.

CIP# 170801 (Contract No. 1900744) Reservoir Rehabilitation Construction Project at Imlay, Lake Huron, Springwells, and Southwest Water Treatment Facilities.

Project Manager: John McCallum

This low bid project is to clean and rehabilitate 10 finished water reservoirs based on the design package provided in Contract No. CS-151A. Started in November of 2019 with punch list items getting wrapped up this winter. The project remains on budget and is ahead of the contract final completion on January 17, 2025.

CIP# 170802 (Contract No. 2100236) Reservoir Rehabilitation Phase II (Design), Booster Stations and Water Treatment Plants

Project Manager: John McCallum

This project provides the design, inspection services, construction management, and project representation services for 16 of the system finished water booster stations. Started in July 2022 with design and exterior inspections. Resident project representation services are being provided on the first three reservoirs of the contract during the 2023-2024 low water demand season and will continue through 2027.

CIP# 170802 (Contract No. 2201316) Reservoir Rehabilitation Phase II (Construction), Booster Stations and Water Treatment Plants

Project Manager: John McCallum

This project is the low bid construction component based on Contract No. 2100236 bid package to clean, repair, and add select improvements to 16 finished water reservoirs at Eastside, Wick Road, Schoolcraft, Haggerty, Adams Road, Joy Road #1 & #2, North Service Center #1 & #2, Water Works Park #1 & 2A/2B, Northeast #1 & #2, Michigan Avenue, Lake Huron #3. The project started in December 2023 with construction work underway at three finished water reservoirs, Wick Road, Eastside, and Schoolcraft. The project remains on budget but is marginally behind schedule with recovery expected in 2024-2025. Wick Road Reservoir and Eastside Reservoir are back in operation, and Schoolcraft Reservoir will be completed by June 22, 2024. The last set of four reservoirs are scheduled to be completed in April 2027 with final contract completion in July 2028.

WATER OPERATIONS (continued)

CIP# 170803 (Contract No. TBD) Reservoir Rehabilitation Phase III (Design-Build), Booster Stations and Water Treatment Plants

Project Manager: John McCallum

This project includes capital improvement design, field engineering, construction management, cleaning and repairs for all 30 of the finished water reservoirs at booster stations and water treatment plants over a six-year period. The Request For Proposal is currently in scope development stage with an estimated public Request For Proposal issued in March 2026. The first set of five reservoirs will be inspected in the fall of 2027 (FY28) and the last set of five reservoirs will be finished in the spring of 2033 (FY33).

CIP# 170803 (Contract No. To Be Determined) Reservoir Rehabilitation Phase III Representative Project Representation services Contract, Booster Stations and Water Treatment Plants

Project Manager: Eric Kuhn

This project provides project representation services to oversee work performed on Phase III of the design-build project for reservoir inspection, cleaning and repairs for all 30 system reservoirs. The request for proposal will be for three full-time Resident Project Representatives to oversee the reservoir work on a daily basis. The request for proposal is in the scope development stage with an estimated public request for proposal issued in March 2026.

CIP# 114002 (Contract No. 2201068) Springwell's Electrical Gear Replacement

Project Manager: Justin Kietur

This project is in construction phase. Project involves installation of new medium voltage switchgear and cabling from secondary side of GLWA transformers to the switchgear, and from the switchgear to the Low Lift and High Lift Pumps and plant unit substations. Demolition for new switchgear room is complete, and the majority of cable tray within existing facility is complete. Site civil work for new electrical duct banks and utility bridge is underway. Revised drawings for DTE required changes to the switchgear and have been issued to the Contractor with additional cost and schedule impacts to the contract which is to be determined.

CIP# 115005 (Contract No. 2103880) Waterworks Park Ventilation System Improvements

Project Manager: Mike 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 make up air units, exhaust fans, ductwork, natural gas piping, ventilation control panels, electrical power, ambient air monitors and associated appurtenances. To date, nearly all of the new HVAC units have been installed but are not yet operational. Construction trades continue to work on installing electrical power, HVAC controls, gas piping, and ductwork to allow for commissioning of the new HVAC units.

WATER OPERATIONS (continued)

CIP# 116005 (Contract No. 2101255) Belle Isle Seawall Rehabilitation

Project Manager: Mike Dunne

The scope of the Belle Isle Seawall Rehabilitation project is to correct excessive erosion at the tip of the southern dike of the Belle Isle Intake lagoon. The erosion has been caused by years of ice floes scouring the dike and recent high-water events. The repair work will require the installation of new steel sheet piling and a rip-rap stone revetement to protect the earthen dike. Construction activities are underway with work taking place on the lagoon side of the dike. In preparation for construction, submittals are being delivered and reviewed.

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

Project Manager: Tim Kuhns

Project is in conceptual design stage. Project will include rehabilitation of the existing station and consolidation of reservoir pumping within the main pump house eliminating the need for separate reservoir pump buildings.

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

Project Manager: Brian Vanhall

This project replaces the existing horizontal paddle wheel flocculators in the four treatment trains of the 1958 treatment plant and adds continuous turbidity monitoring of its settled water. Flocculators are currently being manufactured for delivery with installation planned in Basins 5 and 6 beginning in the summer of 2024.

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

Project Manager: Pete Bommarito

Project is in construction phase. Work within the Pennsylvania Tunnel and Northeast Tunnel is complete. Work within the Springwells Raw Water Tunnel has also been completed for this low demand season. The contractor, Ballard Marine Construction has successfully removed Ballard Underwater Ring Transporter from the Springwells tunnel and temporary closed off the access shafts for the high demand season. The contractor will return next low demand season (October through April) to continue installation of the stainless-steel rings.

CIP# 114002 (Contract No. 1900134) Springwells Low Lift Suction Isolation Gate Replacement

Project Manager: Tim Kuhns

Project is in construction phase. Project involves replacement of eight isolation roller gates that control flow between the raw water tunnel and suction ring and the low lift pumps. Contractor has replaced all eight roller gates.

WATER OPERATIONS (continued)

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

Project Manager: Mike Garrett

Project is in construction phase. 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 5 and 6 have been tested and put into service. The western yard piping is currently under construction and will be completed in summer of 2025. Construction of valve vaults and venturi meter vaults continues at pace in the western yard.

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

Project Manager: Tim Kuhns

Project is at 90 percent design phase. Project involves use of 42-inch, high-density polyethylene to loose-fit slip-line 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.

CIP# 132015 (Contract No. 1901767) Newburg 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 re-alignment and GLWA needs re-assessment. Contract Amendment is in process.

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

Project Manager: Vittoria Hogue

Project mobilized on March 4, 2024. Temporary lighting is being installed and equipment is being delivered to site and modifications in the first basin are being completed. Project involves removing and replacing flight and chain equipment in three of the four sedimentations basins at Southwest Water Treatment Plant. Equipment will be removed in basin 1A and removed and replaced in basins 1B and 2A.

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

Project Manager: Vittoria Hogue

Phase 1 of the project is at 90 percent Design, Phases 2 and 3 are at 60 percent design. Project involves installation of looped and redundant mains in the downriver area along Inkster Road and Allen Road to maintain service in the event of a break along the existing mains. Phase 1 involves the installation of a transmission main along Inkster Road. It was decided in the beginning of March to increase the size of the main from 30-inches to 42-inches to maintain minimum contract pressures. The original design intent was to prevent boil water advisories in the event of a main break. The consultant has submitted the proposal for the additional scope for the requested change. GLWA is in the process of reviewing the document.

WATER OPERATIONS (continued)

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

Project Manager: Michael Garrett

Project is in construction phase. Project involves new reservoir pumping facility as well as new reservoirs and improvements to various existing yard valves. Construction is nearing completion. Startup and training have begun. Testing of new facilities and equipment began in March 2024 in which testing was completed successfully and was turned over to Systems Control Center for operational control. Demolition of existing reservoirs expected to begin after a 30-day test. Substantial completion scheduled for September 2024. Final Completion scheduled December 30, 2024. Site acceptance test for Ovation was completed, project will be moving into 30-day test this month. The cut and cap procedures for the reservoir had to be placed on hold until after peak season.

CIP# 132007 (Contract No. 1900516) Imlay Station Pumping Improvements

Project Manager: Vittoria Hogue

Project is in the site acceptance testing of the construction phase. Project involved right sizing pump 3 at Imlay Pump Station to service the communities west of the station. All equipment has been installed. The pump, the vibration issues have been resolved by re-leveling the pump and placing stiffeners on either side of the pump. The local acceptance test was completed on March 26, 2024. However, the remote testing and the 30-day acceptance test was scheduled and unsuccessful. Currently, solutions are being workshopped.

Contract No. 2303227 Task Order Engineering Services Contract Task T2-13

Project Manager: Jorge Nicolas

Arcadis is assigned to prepare technical specs for Division 26 (Electrical) and Division 40 (Process Integration). Work is ongoing. Burn & McDonell is assigned to assist in Ovation related reviews. Work is on-going.

CIP# 122013 (Contract No. 2004456) 14 Mile Transmission Main Loop

Project Manager: Pete Fromm

This construction contract project is at 90 percent complete. All segments of piping have been installed and the connections to the 8 Mile transmission and the connection to the Haggerty Booster Station reservoir have been completed. Piping segments are currently being pressure tested, disinfected, and “Bac T” (total coliform) tested. Final surface restoration (roadway) is being completed for segments along Meadowbrook and 13 Mile. Final testing of the control valve station at the Haggerty Booster Station is planned once all pipe segments have been disinfected and tested. Project is still on schedule for August 2024 completion.

SYSTEM RESILIENCY

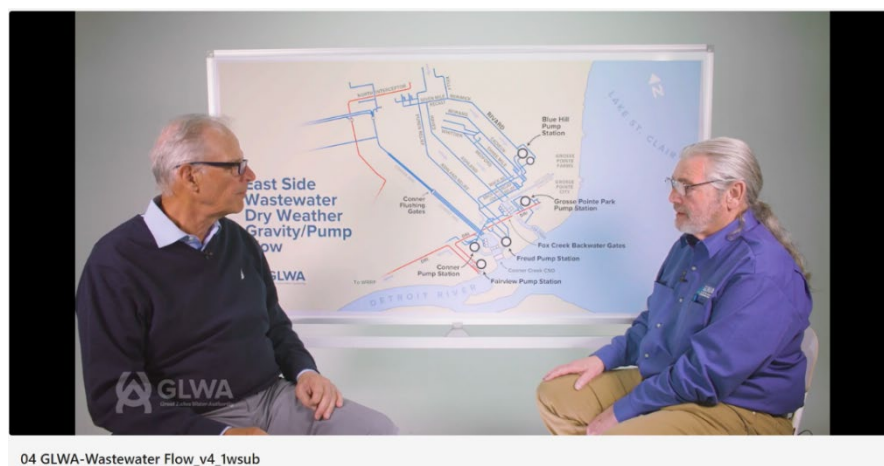
Energy Management

The Office of System Resiliency is continuing to work on initiatives related to improving the resilience of GLWA's people, operations, and assets. We are pleased to announce and welcome Mini Panicker as the new Director of Energy and Resiliency. Mini is moving from a Manager of Systems Control position into this role, and we look forward to her ambition to drive our energy resiliency program forward based on her in-depth knowledge of GLWA system operations and controls.

Knowledge Capture

The production of the on-the-job training videos is progressing with three internal training videos focused on water operations having been completed. One wastewater conveyance video has been completed for a total of four videos in use for training.

In coordination with Organizational Development, Tom Hall led the first training session with participation from Water and Wastewater Operations group team leaders. There was an excellent level of engagement, and the Group will be working with Organizational Development to develop the training program further.



04 GLWA-Wastewater Flow_v4_1wsb

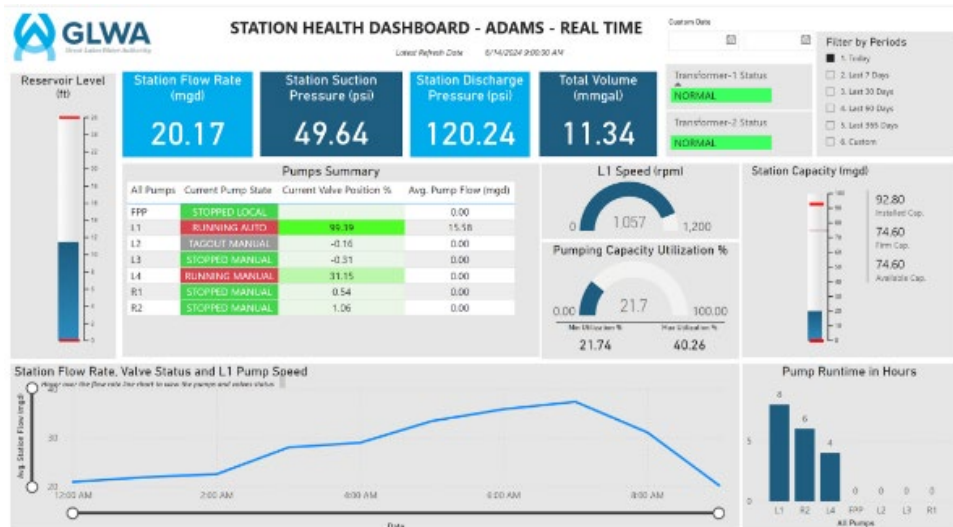
Wastewater System Training Video

Operational Insight Dashboards

At the May Resiliency Council meeting, Biren Saparia presented some enhancements to the online equipment status reports. The online reports were developed on the PI Vision platform for real-time updates of Water Booster Stations, Wastewater Sanitary and Storm Pump Stations, Water Treatment Plant High Lift pumps, and Water Resource Recovery Facility Influent Pumping Stations Nos. 1 and 2.

SYSTEM RESILIENCY (continued)

The enhancements were developed using the PowerBI business intelligence platform and added functionality and data review options to allow for in depth review of pumps beyond the real-time statuses.



Adams Road Pump Station Heath Dashboard

Flood Resiliency

Discussions continue with the US Army Corps of Engineers (USACE) to develop the agreement and scope of the Southeast Michigan Flood Resiliency General Investigation study. Current funding in the approved President's budget is \$1.1 million for fiscal years 24 and 25 and GLWA will be providing a 50/50 match with in-kind services to complete the study.

Resiliency Simulation Challenge

In coordination with Planning, Water Operations, and Security and Integrity, we conducted a "Resiliency Challenge" to evaluate various scenarios, risks, and responses associated with conducting an in-service condition assessment of the 120-inch transmission main between the Lake Huron Water Treatment Plant and the Imlay Booster Pump Station. The two-hour exercise helped to identify key risks and potential contingency measures that need to be planned prior to conducting the work. "Resiliency Challenge" was developed to allow team members to play out emergency scenarios in a non-emergency environment, with evaluators, to review and improve GLWA's resiliency posture. We have developed and tested a module for Water Transmission, and are looking to add modules for Wastewater Conveyance, Water Treatment, and Wastewater Treatment in the future.

SYSTEM RESILIENCY (continued)

Power Resiliency

Resiliency and Wastewater Engineering have received the draft technical memorandums for the Sanitary and Storm Lift Station Power Reliability study and will be looking to evaluate this reliability-based approach.

This quantitative assessment of reliability of the electrical system, from DTE feed through the motors, and including emergency generator and switchgear bus configuration, quantifies reliability and allows for a direct comparison to industry standards (i.e. Ten States) and various improvement alternatives to determine the overall cost to improve reliability by a predicted percentage. GLWA is evaluating this approach to develop an opinion of the cost and benefits.

EPA CREAT Assessment

Climate Resilience Evaluation and Awareness Tool (CREAT) is a tool that assists water sector utilities in assessing climate-related risks to utility assets and operations. Throughout CREAT's five modules, users consider climate impacts and identify adaptation options to increase resilience. The modules are:

- | | |
|---------------------------------|--|
| Climate Awareness: | Provide basic utility information; increase awareness of climate impacts; |
| Scenario Development: | Understand utility risk; design scenarios of threats based on climate data; |
| Consequences and Assets: | Outline potential consequences; catalog critical assets; |
| Adaptation Planning: | Inventory current actions that provide resilience; design adaptation plans; and |
| Risk Assessment: | Assess risk from a changing climate; compare risk reduction of adaptation plans. |

GLWA has completed its participation in a free EPA pilot program for use of their online "CREAT". In addition to GLWA, participants included representatives from DWSD, SEMCOG, and EGLE. GLWA will be reviewing the framework to determine elements that may be useful in conducting the USACE Southeast Michigan Flood Resiliency study.

INFORMATION TECHNOLOGY

IT Security

In the past month, the IT Security team has proactively blocked or thwarted 66,445 spam messages, 5,414 spoofed messages and 126 viruses. Additionally, 7,680 phishing attempts have been caught and 6,453 malware attempts have been blocked.

IT Business Productivity Systems

The IT Business Productivity Systems team, in conjunction with the Financial Services Area, is preparing for the July 1st launch of the Workday Finance modules. All functions currently performed in BS&A will be performed in Workday upon the July 1st launch. Training is available to team members who process requisitions, approve invoices, and report expenses. The IT Group highly recommends GLWA team members getting trained prior to July 1st. More information about training can be found in Workday.

IT Enterprise Asset Management Systems

The IT Enterprise Asset Management Systems Team along with our consultant partner, NEXGEN, and GLWA's Enterprise Asset Management Group, completed the System Testing phase of the NEXGEN Enterprise Asset Management (EAM) implementation. The Project Management Team has drafted a NEXGEN training plan and schedule that is currently in review. Training will begin in late July and continue to go through go-live in November and beyond. Draft training materials are being developed in preparation of system administration, train-the-trainer, and end-user training.

In addition, integration testing for NEXGEN implementation continues including many integrations with Workday that make procurement and financial interaction between these two systems more efficient and beneficial.

Integrations with GLWA's employee directory, GIS, MISS DIG 811, and NEXGEN have been completed to increase the usability and collaboration between vertical and horizontal assets and their teams and processes.

IT Customer Service Delivery

The IT Customer Service Delivery team in collaboration with the IT Enterprise Asset Management Systems team and the IT Project Management Office deployed approximately 337 tablets to Water and Wastewater team members in support of the NEXGEN project. Each tablet has been enrolled in Intune Mobile Device Management (MDM) allowing IT to completely manage, secure, and protect GLWA's data on the device from any location at any time. Intune MDM increases IT's level of customer support while increasing our cyber security posture.

INFORMATION TECHNOLOGY (continued)

Also, the IT Customer Service Delivery team, along with the IT Infrastructure team, Water and Wastewater Operational Teams, and Lakeshore Global have begun installing secured smart lockers throughout GLWA facilities to store and charge the NEXGEN tablets. These lockers will allow GLWA team members to store not only their NEXGEN tablets, they will have the ability to also store and charge their laptops, Toughbook's, and cellphones.



IT Project Management Office (PMO)

Currently, the IT PMO is managing 15 active projects and is processing nine project requests. The PMO is also assisting with 27 initiatives.

PUBLIC AFFAIRS

GLWA Wins Emmy Award for TAP IN Campaign

The National Academy of Television Arts and Sciences Michigan Chapter has presented GLWA's Public Affairs team with its second Emmy Award! GLWA won the Branded Content category for the "TAP IN" recruitment campaign, beating out five other nominees, including the likes of Henry Ford Health and the Detroit Lions.

The event, held at Little Caesars Arena, featured nominees in more than 80 categories from across the state of Michigan. This is the second consecutive year the Public Affairs team has won an Emmy Award.

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

PUBLIC AFFAIRS (continued)



(L to R: Brett McDonald, Stefanie Burns, Curtis Burris-White and Jason Matthews show off their Emmy Awards for Branded Content)

NACWA H2O Strategic Communications Conference Presentation on TAP IN

Public Affairs Management Professional Curtis Burris-White and Public Affairs Specialist Stefanie Burns (*pictured right*) presented the team's ongoing recruitment campaign "TAP IN" at the National Association of Clean Water Agencies (NACWA) Strategic Communications conference in Virginia Beach in early June. Joined by team



members from the Hampton Roads Sanitation District (HRSD), the panel covered organization initiatives to increase recruitment and retention. The TAP IN campaign was well-received by water and wastewater communicators from across the country and recognized for its out-of-the-box thinking and compelling visuals.

PUBLIC AFFAIRS (continued)

AWWA Collaboration

Public Affairs collaborated with the American Water Works Association (AWWA) to create a video for the 50th anniversary of the Safe Drinking Water Act. The video features our Chief Operating Officer of Water and Field Services, and AWWA President-Elect, Cheryl Porter (*pictured below*), who is a passionate advocate of the Safe Drinking Water Act.

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



Freud Pump Station Website

Public Affairs worked with Wastewater Operations to publish a new webpage on the Freud Sanitary Pump Station. The site provides the public with information that includes upcoming meetings, prior community meeting presentations, and ways to get in contact with the project team. Click [HERE](#) to visit the page.

AMSO Meeting Collaboration

Public Affairs worked with GLWA's Asset Management Strategic Organization (AMSO) team to shoot video and provide photos from their 2024 Annual All AMSO Satellite Team Meeting. CEO Sue Coffey delivered opening remarks. The AMSO team expects to put video of her talk on their Asset Management SharePoint site.

SECURITY AND INTEGRITY

The Hazmat Unit coordinated and completed a total of 347 hours of training during the month. The group also had a total of 210 online training hours for the month of May.

The group conducted ReadyOp Drills for Lake Huron Northeast, Southwest, Springwells, Main Office Building and several pumping stations and Combined Sewer Overflows.

SECURITY AND INTEGRITY (continued)

Security and Integrity attended monthly scheduled meetings with the Detroit Downtown Partnership and the Detroit Police Department. The group has also planned and scheduled “Active Assailant Training” for October 2024.

Lastly, Security and Integrity participated in the final Detroit Grand Prix and Utilities meeting before the event.

ORGANIZATIONAL DEVELOPMENT

Performance Team

Final Performance Reviews were successfully created and launched in Workday on May 9, 2024. Live trainings were conducted and recorded for both the Leadership Team Members and Team Members. Step-by-step instruction guides are also available on the GLWA Organizational Development page.

Internships

The Performance Team completed intern recruitment for the 2024 Summer Internship Program. Twenty-four candidates accepted summer positions. Twenty-two interns were onboarded in May 2024. One intern is back for a third summer!

The Organizational Development (OD) team has two interns for the summer. The interns are working with the Performance and One Water Wellness teams. In addition to OD, interns are supporting the following teams: Asset Management, CFO Services, Wastewater Engineering, Wastewater Laboratories, Wastewater Services, Water Engineering, Water Services, Energy, Research & Innovation, General Counsel, and Security & Integrity.

Interns will participate in performance reviews. The Intern Baseline Goal Planning Review was successfully created and launched in Workday on May 31, 2024.

Apprenticeships

OD Team Members Adino May and Patricia Butler attended the Michigan Educators Apprenticeship and Training Association’s (MEATA) spring conference. The MEATA conference provides an opportunity to learn new apprenticeship approaches, hear the state apprenticeship updates as well as meet with state officials, workforce development agencies, and community colleges.

ORGANIZATIONAL DEVELOPMENT (continued)

Community Outreach Events

The team attended the Build Detroit: Youth Skilled Trades Competition where trainees ages 16-24 were able to showcase a project tailored to their trade. Additionally, students from regional high schools were invited to attend the event and network with companies to learn more about the trades and employment opportunities where they can apply their skills. The team attended an Apprenticeship-focused Job Fair at Henry Ford Community College where the Michigan Department of Labor presented on Developing Career Pathways through Apprenticeship programs.

Benefits and Wellness

Team Member Engagement - Benefits and Wellness

Physical Well-being

31 Days of Health

During the month of May, GLWA team members walked over 13.6 million steps (6,829 miles) for greater physical and mental health benefits! Ten teams and 19 solo participants represented both our on-site and hybrid team members.



Week 1 Team winners

Team Keep It Stepping 3.0
Water Operations - Southwest Water Plant
- David Sumler
- Audrey Jason
- Jeffrey Jones
- Tamika Winston

Week 1 Solo Winner

-Zuzanna Kin
Organizational Development
Water Board Building



Week 2 Team Winners

Team Elevation
Water Operations – Northeast Water Plant
- Mia Robinson
- Pawan Kapila
- Kristofferson Fagan
- Cristina Miller

Week 2 Solo Winner

- Kari Rosol
Financial Reporting &
Accounting
Water Board Building



ORGANIZATIONAL DEVELOPMENT (continued)



Week 3 Team winners

Team Northeast Operations
Water Operations - Northeast Water Plant

- Alexander Giboyeaux
- Devin Blount
- Demetrius Flowers
- Kalill Fomby

Week 3 Solo Winner

- Riyah Hale
Wastewater Operations
Water Resource Recovery Facility



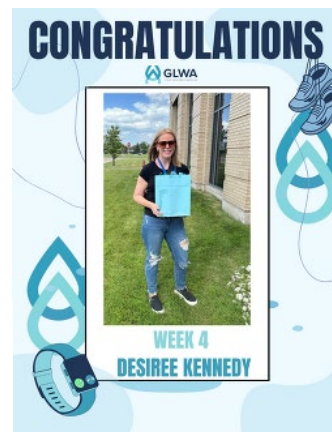
Week 4 Team winners

Team Sole Survivors
Organizational Development
Water Board Building

- Latasha Jones
- Danyelle Davis
- Jetaun Coleman
- Valerie Jefferson

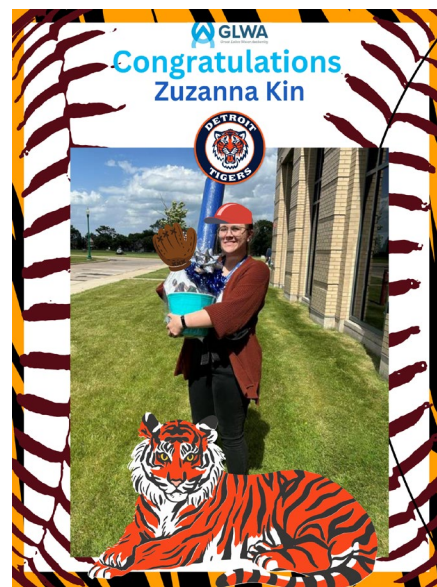
Week 4 Solo Winner

- Desiree Kennedy
Fleet Operations
Central Service Facility



Grand prize in our team category:

Team "Keep It Stepping 3.0"
Water Operations - Southwest Water Plant
-Audrey Jason
-Tamika Winston
-Jeffrey Jones
-David Sumler



Grand prize in our solo category:

-Zuzanna Kin
Organizational Development
Water Board Building

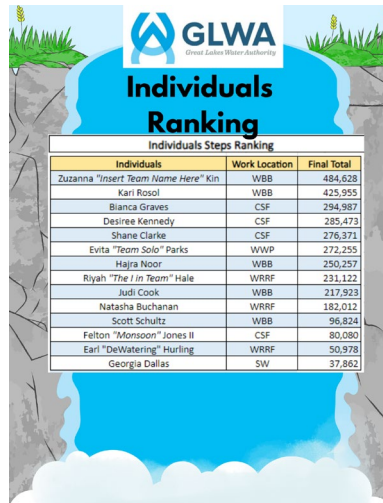
ORGANIZATIONAL DEVELOPMENT (continued)

We would also like to congratulate **all of our team and individual participants** for their overall efforts on the path towards greater physical and mental health!



Team Ranking

Team	Team Captain	Work Location	Final Total
Keep It Stepping 3.0	David Sumler	SW	2,556,089
Elevation	Mia Robinson	NE	1,752,611
Sole Survivors	Latesha Jones	WBB	1,277,199
The Downtrodden	Wendy Hurin	WRRF	1,229,826
International Walking Association	Nicholas Kaniotis	NE	951,015
Dream Team	Lesley Williams	WBB	796,329
Northeast Operations	Alexander Giboyeux	NE	706,373
The Flood	Zachary Burch	LH	699,484
Shenanigans	Dylan Corey	LH	459,123



Individuals Ranking

Individuals	Work Location	Final Total
Zuzanna "Insert Team Name Here" Kin	WBB	494,628
Kari Rosol	WBB	425,955
Bianca Graves	CSF	294,987
Desiree Kennedy	CSF	285,473
Shane Clarke	CSF	276,371
Evita "Team Solo" Parks	WVP	272,255
Hajira Noor	WBB	250,257
Riyah "The I in Team" Hale	WRRF	231,122
Judi Cook	WBB	217,928
Natasha Buchanan	WRRF	182,012
Scott Schultz	WBB	96,824
Felton "Monsoon" Jones II	CSF	80,080
Earl "DeWatering" Hurling	WRRF	50,978
Georgia Dallas	SW	37,862

Drop 5 Virtual Weight-Loss Community

Held Thursdays at noon, the May Drop 5 Community facilitated by the BCBSM well-being team, gave GLWA team members tools to help them create a protective space for their well-being, journal, learn the benefits of sleeping and prepare healthy meals on a \$15 budget.



May focus points were:

- **Build an Intentional Joy List Workshop**
- **How to Create a "Bubble of Love"**
- **Draw Your Day Journaling**
- **Two Studies to Wake You Up to the Benefits of Sleeping**
- **Meijer Dietitians Guide Cindy and Marissa's \$15 Healthy Dinner Challenge**

Mental Well-being



Wellness Wednesday Meditations

Our May 15th Wellness Wednesday event was a Trataka meditation. It involves gently gazing on a single object, keeping your focus and attention on it to enhance concentration, develop mental clarity and cultivate inner peace.

ORGANIZATIONAL DEVELOPMENT (continued)

Cultivating Your Calm: A Mental Health Awareness Month Conversation

On May 15, 2024, 10 GLWA team members participated in *Cultivating Your Calm: A Mental Health Awareness Month Conversation* hosted by the Calm Chief Clinical Officer, Dr. Chris Mosunic, and author, psychologist and researcher, Dr. Rheeda Walker. Team members learned how to create a simple yet consistent mental health care routine, develop strategies to be a mental health ally in the workplace, and take steps toward better well-being. From the employer perspective, managers learned how to create equitable, inclusive mental health programs for all employees.



Financial Well-being

Retirement Planning Lunch & Learn

The Water Board Building hosted the MissionSquare Retirement Education on-site lunch and learn seminar with over 20 GLWA team members on May 21, 2024.



All GLWA team members were able to meet with MissionSquare retirement plan specialists virtually May 20, 2024. Team members were able to review their retirement goals and portfolio performance during one-on-one consultations for both dates.



Benefit and Wellness Education

One Water Wellness Office Hours



The One Water Wellness Team hosted weekly on-site office hours during the month of May at the following facilities:

- Central Services Facility
- Water Works Park

ORGANIZATIONAL DEVELOPMENT (continued)

BENEFITS AND WELLNESS QUESTIONS???

Your One Water Wellness Team



Cynthia Offutt



Lesley Williams



Au Lisa McGovern



Morgan Mindingall



Sherrian Greenwood

- Water Resource Recovery Facility
- Lake Huron Water Plant
- Northeast Water Plant
- Southwest Water Plant
- Springwells Water Plant

Approximately **70** GLWA team members were able to meet one-on-one for assistance with benefits, retirement, FMLA, and wellness resources.

Training

During May, **69** instructor-led training courses were delivered to **456** GLWA team members totaling **369** instructor-led training hours. In addition, **37** online-self-paced training courses were completed totaling **27** self-paced training hours. Also, **nine** GLWA team members completed **10** 360Water online courses.

Staffing

Talent Management

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

Number of New Hires	29
Number of Separations	8
Total Staffing – Regular FTEs (YTD)	1047

FINANCIAL SERVICES AREA

May 2024 Audit Committee Recap

The May 2024 regular monthly Audit Committee meeting was rescheduled to Monday, June 17, 2024. A recap of the meeting will be provided in the next monthly CEO Report. The GLWA Audit Committee binders for previous months are publicly available at www.glwater.org/financials/.

FINANCIAL SERVICES AREA (continued)

Successful Bond Transaction

The recent bond transactions for the water and sewer system achieved favorable outcomes for GLWA. GLWA received significant investor interest despite heavy tax-exempt supply in the market on the same day, driven by recent decreases in interest rates and favorable tax-exempt ratios. Series 2024 bond structures strategically aligned refunding cashflow savings to achieve overall debt structuring goals and lessen burden on the budget for upcoming years. Closing on the transaction will be completed in early June 2024.

Key elements of this transaction include:

- ✓ Affirmation of strong GLWA credit ratings, including maintenance of the positive outlook from Fitch on the Sewer System
- ✓ Strong GLWA name received orders from over 50 unique institutional investors, leading to GLWA's lowest ever credit spreads to municipal benchmark rates through the pricing on May 21, 2024
- ✓ Achieved reduction of Reserve Requirement to \$0, representing culmination of long-term strategy to modernize Master Bond Ordinances and create a more efficient structure
- ✓ Funds in the existing reserve accounts were used to reduce the size of the Series 2024 transaction by \$32.2 million (across the two systems) and improve cashflow savings
- ✓ \$130.4 million of cash flow savings in total with \$67.5 million for water and \$62.9 million for sewer (\$76.6 million of present value savings in total)

Michigan Women in Finance Networking Event and Conference

Alicia Schwartz, Grants Manager, and Jacqueline Morgan, State Revolving Fund Program Manager, attended the Michigan Women in Finance (MWIF) networking event and annual conference held at two local iconic landmarks in Dearborn, Michigan. Alicia Schwartz is on the MWIF 2023-2024 Executive Board serving as the current President.

The two-day event began on May 16, 2024 with a networking reception held at The Henry Ford Museum. Nicolette Bateson, Chief Financial Officer & Treasurer also attended this event which included networking for women and men that work in public finance. Other attendees included issuers, bankers, legal counsel, trust officers, underwriters, and local municipality staff.

FINANCIAL SERVICES AREA (continued)

On May 17, 2024, MWIF shifted gears to the Annual Conference. The conference was held at The Henry, Autograph Collection. The conference theme this year was “Driven” and included a group of women who reflected this theme. The speakers included a panel of women who discussed overcoming challenges in male-dominated industries and a keynote speaker that demonstrated the power of supportive women’s networks. Kim Garland, Deputy Chief Financial Officer, was one of the two honorary chairs.



(Pictured left to right: Alicia Schwartz, GLWA and Jacqueline Morgan, GLWA)

National Grants Management Association

Alicia Schwartz, Grants Manager, is currently serving on the New Grants Management Education Task Force with the National Grants Management Association. This is a voluntary position where she is working with 14 other Grants Managers from across the nation on developing a training for new Grants Managers. The volunteers in this group range from experienced to new grant managers. The training courses will be specifically designed to



assist new Grants Managers and staff that have less than three years of experience in grants management. The goal of the courses is to equip attendees with essential skills and knowledge to navigate the complexities of grant management.

Affordability & Assistance Update

The GLWA Affordability & Assistance team participated in the National Energy & Utility Affordability Coalition (NEUAC) Conference in Chicago, Illinois in May 2024. This 4-day event was NEUAC’s 10th anniversary with over 700 people in attendance. The Affordability & Assistance team engaged in sessions focusing on collaboration between utilities and non-profit organizations, Low-Income Home Energy Assistance Program (LIHEAP), the future of infrastructure, water affordability, the proposed revitalization of the Low-Income Household Water Assistance Program (LIHWAP) and watched the acclaimed documentary “Cooked: Survival by Zip Code.”

NEUAC also highlighted the accomplishments of organizations and individuals from around the country who have made important contributions. Shama Mounzer and the Wayne Metropolitan Community Action Agency (Wayne Metro) team were among those who received an award. Shama Mounzer, Chief Program Officer at Wayne Metro, was honored with the prestigious Victorine Q. Adams Award, a testament to her institutional innovation and achievement among non-profit NEUAC members.

FINANCIAL SERVICES AREA (continued)

Wayne Metro is the GLWA Service Delivery Partner for the Water Residential Assistance Program (WRAP) for Monroe, Washtenaw, and Wayne Counties, as well as the City of Flint and the City of Detroit's Lifeline Program.

The photos below capture the dedicated individuals involved in this important work.



Captured in the picture from left to right: June White, Affordability & Assistance Manager-GLWA; Wayne Team - Shama Mounzer, Chief Program Officer; Mia Harnos, Chief Operating Officer and Megan Wilk, Program Director Water Assistance



Captured in the picture from left to right top row first: Mia Harnos, Wayne Metro Chief Operating Officer; Matt Phillips, DWSD Chief of Staff, Customer Service Officer; Bryan Peckinpugh, DWSD Public Affairs Director; bottom row - Haran Stanley, GLWA Affordability & Assistance Management Professional; Shama Mounzer, Wayne Metro Chief Program Officer; Megan Wilk, Wayne Metro Program Director Water Assistance

Procurement Pipeline

The May 2024 Procurement Pipeline is attached. This month's edition includes an announcement that [FY 2023 Annual Procurement Report](#) is available for review online. Each year, GLWA produces a report detailing all procurement activity for the last fiscal year. The report demonstrates GLWA's commitment to transparency in public procurement by providing detailed information on GLWA purchasing and spending.

There is also a reminder of the June 2024 pause on new solicitations in preparation of the Workday launch. The GLWA Procurement Team has paused the advertisement of new solicitations in the Bonfire Procurement Portal and the issuance of new purchase orders. This temporary pause will allow Procurement to fully migrate data on existing purchase orders and contracts into GLWA's new Enterprise Resource Planning (ERP) system, which will launch on July 1, 2024. The processing of new procurements and solicitations will resume after July 1.

FINANCIAL SERVICES AREA (continued)

The May 2024 Pipeline provides upcoming in-person vendor outreach events, as well as guidance to coordinate virtual vendor introduction meetings, a list of upcoming solicitations, and a reminder that the monthly CEO Report is an important source of key GLWA news and information.

OFFICE OF THE GENERAL COUNSEL

- ***Legislative Updates:*** The Office is monitoring infrastructure spending bills at the federal and state level, supporting the activities regarding proposed water affordability legislation, and working with others to develop state storm water utility legislation.
- ***Gordie Howe International Bridge:*** GLWA filed a notice of claim with the Court of Claims related to its relocation claim.
- ***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. The Court recently dismissed an additional lawsuit related to the July 2021 storm event. The Plaintiffs are also appealing the decision.
- ***Highland Park Settlement Agreement:*** On February 14, 2024, the GLWA Board voted to approve 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. As of this reporting, 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.
- ***Mays, et al v GLWA:*** The Court recently entered an order partially granting GLWA's Motion for Summary Disposition and partially dismissing Plaintiffs' claims.
- ***Trenton Water Main:*** The Office is negotiating the transfer of the 24-inch water main to GLWA.
- ***Contract Negotiations:*** The Office is negotiating 30-year wastewater disposal services contracts with sewer member partners that do not have a model contract.

OFFICE OF THE GENERAL COUNSEL (continued)

- ***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.
- ***Record Retention Policy:*** The Office submitted GLWA's record retention policy to the State. The Office is working on a record storage and disposal policy to work hand in hand with the record retention policy.
- ***Industrial Pretreatment Program ("IPP"):*** The Office also continues to provide assistance on PFAS and PFOS matters, including comments on the new drinking water regulations and negotiating an administrative consent order with an industrial user.
- ***Real Estate:*** The Office is working to secure easements and acquire properties related to various water and sewer projects. Each real estate transaction will be presented to the Board for approval when they are fully negotiated.
- ***Member Outreach:*** The Office continues to be an active participant in Member Outreach sessions. In addition to its regular outreach, this month, the legal group attended the Annual Meeting of the Woman's Lawyers Association of Michigan to support Kirsten Silwanowicz (Associate General Counsel) as she was sworn in as Vice President. Kirsten also led a question-and-answer discussion with the keynote speaker, Barbara McQuade (former U.S. Attorney for the Eastern District of Michigan, UofM Law Professor, and MSNBC commentator). Kirsten did a fabulous job during the keynote and contributed to a very informative presentation.
- ***Main Relocations:*** The Office continues to support water operations in its discussions with community stakeholders regarding water main relocations.
- ***Civil Litigation and Arbitrations:*** The Office continues to vigorously defend 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. The Office is working on implementing those resolutions.
- ***Labor Relations:*** The Office continues to provide legal advice to Organizational Development on labor relations and employment matters.
- ***Procurement:*** The Office continues to assist GLWA's Procurement Team negotiate contracts, change orders and amendments and interpret contractual provisions. The Office is also assisting with the Procurement Policy's Procedures and updating GLWA's template contracts. The Office is part of a cross-functional team working to complete significant revisions to the GLWA construction contract, including consideration of using an entirely new contract format. The Office continues to provide advice on federal grant compliance.

OFFICE OF THE GENERAL COUNSEL (continued)

Statistics:

	#
Contracts approved as to form	49
Contracts drafted or revised	133
Subpoenas/Information requests received	4
Subpoenas/Information responded to	1

Respectfully submitted,



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

SRC/dlr

Attachment: May 2024 Procurement Pipeline

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

GLWA's FY 2023 Annual Procurement Report

Each year, GLWA produces a report detailing all procurement activity for the last fiscal year. The [FY 2023 Annual Procurement Report](#) demonstrates GLWA's commitment to transparency in public procurement by providing detailed information on GLWA purchasing and spending. Key report highlights for FY 2023, which spans July 2022 through June 2023, are below.

- ✓ Procurements awarded totaled \$594.9 million;
- ✓ Procurement executed 4,036 new purchase orders;
- ✓ The total payment to vendors was \$566.3 million; and
- ✓ 93% of all awarded purchases were connected to a formal contract.

The report also demonstrates how GLWA is a significant contributor to the regional economy of Southeast Michigan by including the top ten dollar value projects, top ten Capital Improvement Projects (CIP) invoiced and the top ten vendors by total spend. In addition, detailed appendices conclude the report which provide information on four subjects.

1. All contracts awarded, including contract number, vendor, and total amount of the contract;
2. All vendors awarded, including the contract number, the vendor, and the total amount of the contract;
3. All contracts invoiced; and
4. All vendor payments by invoice.

GLWA's mission is to exceed our member partners' expectations by providing water of unquestionable quality as well as efficient and effective wastewater

services—but also, and importantly, to promote and support economic growth in the region we serve through our strategic sourcing practices.

Reminder: June 2024 New Solicitation Pause

During the month of June 2024, the GLWA Procurement Team will pause the advertisement of new solicitations in the Bonfire Procurement Portal and the issuance of new purchase orders. This temporary pause will allow Procurement to fully migrate data on existing purchase orders and contracts into GLWA's new Enterprise Resource Planning (ERP) system Workday, which will launch on July 1, 2024. For more information about the June Pause, please review the [April 2024 Procurement Pipeline](#). Additional questions may be directed to GLWAVendorOutreach@glwater.org.

Virtual Vendor Introduction Meetings

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

Keeping up with GLWA

Our Chief Executive Officer (CEO) Monthly Report provides a wealth of information and news about important initiatives within GLWA's service territory that impact GLWA, its member partners, and the public. To read the April 2024 Monthly Report, please [click here](#).

What's Coming Down the Pipe?

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

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

Visit GLWA online!

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

Upcoming Solicitations May 2024

Category	CIP #	Description/Project Title	Budget Estimate
Water System (next four to nine months)			
Construction	111001	Lake Huron Water Treatment Plant – LH-401 Switchgear and Low Lift Improvements	\$100,000,000
Construction	112008	Northeast WTP Filter Rehabilitation	\$85,550,000
Design	113010	Southwest WTP Flocculation Improvements	\$4,933,000
Construction	122016	Downriver Transmission Main Loop – Phase 1 – Inkster Rd	\$21,000,000
Professional Services	O&M	Specialized Services – Task assigned	\$12,550,000
Wastewater Systems (next four to nine months)			
Construction	260510	CSO Outfall Rehabilitation Phase VI	\$10,000,000
Construction	260206	Rehabilitation of 7 Mile Sewer System	\$30,000,000
Construction	211005.2	WRRF Pump Station 2 VFD Replacements	\$12,000,000
Design	270007	CSO Facility Disinfection Improvements	\$2,000,000
Construction	270006	CSO Facility Improvements II	\$15,000,000
Water System (next three months)			
Construction (Design Build)	122004	96-Inch Water Transmission Main Relocation - Phase III	\$90,000,000
Wastewater (next three months)			
Design	270001	Pilot Netting and Disinfection Facilities at B03, B04, and B05	\$8,000,000
Design	270010	Puritan Fenkell and Seven Mile HVAC improvements	\$1,200,000
Projects moved to Procurement Team (Preparing for solicitation on Bonfire)			
Professional Services	O&M	Lake Huron Water Treatment Plant Sludge Removal and Disposal	\$3,300,000
Professional Services	O&M	Emergency Standby Generator Preventative Maintenance	\$2,910,225
Construction	170306	Instrumentation and Control System Plant - wide SCADA Upgrade	\$3,340,000
Professional Services	O&M	Water and Wastewater Services Charges Consultant	\$300,000
Professional Services	O&M	Internal Auditor	\$650,000
Professional Services	O&M	Environmental Health and Safety Assistance	\$2,000,000
Professional Services	O&M	Refuse and Recycling Waste Pickup and Disposal Services	\$655,000
Professional Services	O&M	Fleet Management Services Including Leasing and Upfitting Vehicles	\$14,667,500
Professional Services	O&M	Water and Wastewater Pumping Stations LED Lighting Upgrades	\$7,500,000
Professional Services	O&M	Staffing Services	\$750,000

Vendors should continue to monitor [Bonfire](#) for solicitation updates and status

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