



Office of the Chief Executive

735 Randolph Street, Suite 1900
Detroit, Michigan 48226

November 17, 2022

The Honorable
Board of Directors
Great Lakes Water Authority

RE: CEO Report – November 17, 2022

Dear Chairperson Quadrozzi and Directors:

A central focus of my time as Chief Executive Officer has been spent on building resiliency within our regional system, our relationships with our member partners, and our organization. I wanted to share some information with you that touches on each of these categories.

As it relates to building resiliency in our regional system, our commitment to asset management plays a significant role in this. I am pleased to report that our Asset Management (AM) journey, which began in 2017 with the execution of our Asset Management Planning Contract has progressed to the point where we have closed out the contract with Jacobs. So much has been accomplished over these last five years, including completing the Water Services Association Management Customer Value assessment to benchmark GLWA's AM maturity, hosting a blue ribbon panel of experts from around the world as an information exchange to help guide our efforts, developing our Strategic Asset Management Plan and AM policy and principles, conducting a broad cross section of trainings for our team members, and developing GLWA's Water and Wastewater Asset Management Plans. A special thanks to everyone involved in this incredibly important work!

When it comes to resiliency with our member partners, there are several things I would point to that have occurred in the last month. First, working in partnership with the Michigan Department of Environment, Great Lakes, and Energy (EGLE), a webinar was conducted for member partners on the Drinking Water Revolving Fund and the Clean Water Revolving Fund loans programs to provide information and the current status of the identification of burdened community status for the deadlines that were fast approaching. I am pleased to say that 115 member partners participated in this webinar.

We have also been working to inform member partners and other stakeholders of the important changes (including the new Income Based Plan) that this board has recently approved to the WRAP program to make it easier for them to participate in and reach more eligible households across our service area.

These efforts by the Affordability and Assistance Team in Finance included an in-person presentation alongside Wayne Metro to the Downriver Utility Wastewater Authority (12 of the 13 communities comprising the DUWA are part of our water service area), as well as a virtual WRAP Update Meeting, which was attended by more than 100 (see page 33 for more details on these meetings).

I am also pleased to share that U.S. Representative Haley Stevens paid a visit to our Water Works Park Water Treatment Facility along with several of her staff members and received a tour of the facility by Chief Operating Officer-Water and Field Services Cheryl Porter. The invitation to Rep. Stevens was extended during our September meeting with her on Capitol Hill. Rep. Stevens spent an hour on the tour and asked a wide variety of questions about GLWA, its services and its service area. We look forward to continuing this relationship well into the future.

Moving on to efforts we are undertaking to build resiliency in our organization. As I am sure you know, GLWA is filled with a very talented group of water professionals doing great things in and for our community. That is why I am so pleased to be able to share with you that two GLWA team members – Jody Caldwell, P.E. and Jordie Kramer – have been selected to fill key positions on the Executive Leadership Team. After serving as GLWA’s Interim Chief Planning Officer since August 2021, Jody is now the permanent leader of our Planning Services Area. An experienced leader in all aspects of Human Resources (HR) who has served in increasingly more responsible HR roles in government entities in southeast Michigan, including as Director of Human Resources here at GLWA for the last three years, Jordie has been selected as GLWA’s new Chief Organizational Development Officer. Please join me in congratulating Jody and Jordie. I am confident they will continue to be great assets to me and GLWA!

Last month I told you we had kicked off the second year of our Professional Development Certification Program, which allows team members in 10 job classifications represented by a union through a Collective Bargaining Agreement and in the team leader classification to earn \$500 to \$1,750 in stipends for Michigan Department of Environment, Great Lakes, and Energy (EGLE) required certifications. I am happy to report that 150 team members were able to take advantage of this opportunity in 2022.

With COVID-19 leveling off and the shutting down of our Emergency Operations Center, we have begun to return to normal activities including larger in-person gatherings such as our quarterly Group Leadership Team (GLT) meetings. At the end of October, we held our first in-person GLT meeting in nearly three years at Focus: Hope in Detroit. This was an amazing gathering of more than 60 leaders in our organization that included updates on a variety of subjects such as our successful 2022 Bond Sale, budget and charges for the coming fiscal year, CIP realignment, and major IT initiatives underway. It felt so good to be back in the same room with these leaders and I was happy to update them on my priorities, as I have with you.

Another example of a return to in-person gatherings is our participation in Southeast Michigan Community Alliance’s Manufacturing Day. On October 7, Organizational Development partnered with Water Operations to host students and faculty from the Harper Woods College and Career Institute at Water Works Park. Students heard from GLWA team members representing engineering, chemistry, skilled trades, and apprenticeships. The students were able to ask questions about different career opportunities and received a tour from Plant Manager Andrae Savage.

We are committed to seeking out and doing more events of this nature to attract young people into the Water Sector, especially here at GLWA.

As I do at the end of every CEO report, it is very important to me to call attention to individuals and groups going above and beyond for each other and our community. This month there are three that I would point out. They are the team at the Northeast Water Treatment Facility who have earned the 15 Year Directors Award from the Partnership for Safe Water, Lake Huron (LH) Maintenance Technicians Jacob Falter and Christopher Chaskey who during the LH’s valve turning program found a 6-inch valve 30-feet in the air above a low lift pump (needless to say a very difficult location) and with the help of a man lift removed and replaced the valve, and Public Affairs Management Professional Debbie Frazier whose creativity and leadership of our annual Making Strides Against Breast Cancer helped us to raise a whopping \$4,038 (more than \$1,000 more than any previous year). Well done!

PLANNING SERVICES

Asset Management Group (AMG)

CS-198 Asset Management Planning Contract Completion

GLWA embarked on its Asset Management (AM) journey in 2017 with the execution of its CS-198 Asset Management Planning contract with CH2M (later known as Jacobs). The contract has now been completed and closed out after five years of significant effort by GLWA team members across the organization.

Under this contract, GLWA was able to:

- Conduct the Water Services Association of Australia (WSAA) “Asset Management Customer Value (AMCV)” assessment to benchmark GLWA’s AM maturity level. The AMCV is the oldest and largest international process for water asset management benchmarking.
- Hold a Blue-Ribbon Panel with experts from around the world exchanging information, knowledge, ideas, and lessons learned through their AM journey.
- Develop its Strategic Asset Management Plan (SAMP) and AM policy and principles.
- Provide Certified Reliability Leadership (CRL) training and certification to 76 team members. CRL focuses on whole-life asset reliability decisions and whole-life value delivery through leadership.
- Provide Institute of Asset Management (IAM) training and certification for 73 team members across the organization. IAM focuses on the discipline of Asset Management through the IAM Conceptual Model enabling organizations to realize value from their asset base across the life-cycle stages.



PLANNING SERVICES (continued)

- Complete the development of GLWA’s Water and Wastewater Asset Management Plans (AMPs). The AMPs include objectives & organizational alignment, drivers & performance metrics, asset profiles, asset risk determination, operations & maintenance strategies, asset renewals, and continuous improvement plans.

GLWA’s next steps include reviewing and ranking the tactical improvement initiatives developed as part of the AMPs to identify continuous improvement priorities, resource requirements, and timelines for implementation. In addition, GLWA continues to review and update the SAMP and the SAMP improvement initiatives annually to ensure progress on the GLWA AM journey with a line of sight to organizational goals and objectives.

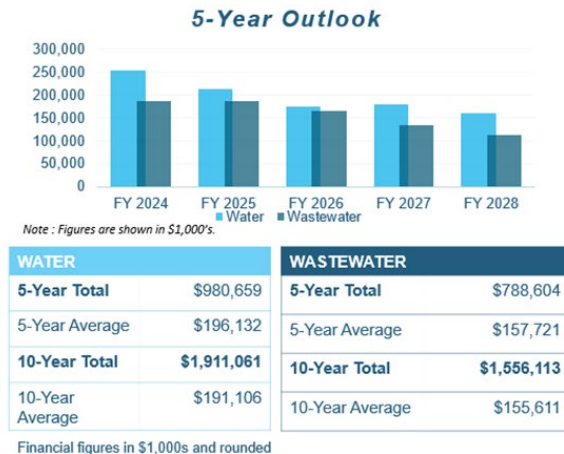
EGLE Wastewater Asset Management Annual Plan Update

GLWA submitted its annual Wastewater Asset Management Annual Plan Update on September 29, 2022, to EGLE per the NPDES permit requirement. The annual report covers the implementation of the Asset Management Program and includes:

- Staffing Levels
- Maintenance Review
- Budget Review
- Planned Capital & Maintenance Work
- Maintenance & Budget Forecast
- Charges & Funding Needs
- Asset Management Implementation Status
- Capital Improvement Planning, Small Capital Projects, and Capital Outlay programs

Capital Improvement Planning Group (CIP)

The CIP Delivery team’s extensive efforts and hard work over the past six months flourished in October with the release of the FY24-28 Discussion Draft #1 CIP. It was presented to members of the Executive Leadership Team and the Capital Planning Committee. This tremendous effort would not have been possible without the collaboration and support of leadership, CIP Delivery teams, and member partner representatives.



*5 NEW PROJECTS FROM PROGRAMS
** IN ADDITION TO THE 168 PROJECTS, THERE ARE:
+2 RECLASSIFIED PROJECTS
+1 CANCELLED PROJECT

PLANNING SERVICES (continued)

On October 19, the FY 24-28 CIP was made available to member partners for public comment. We would like stakeholders' comments by November 18, 2022. While awaiting comments on Discussion Draft #1, the CIP Team will be working on developing the next version of the CIP.

The development of a five-year road map with a 10-year outlook was exceptionally difficult this year due to inflationary pressures and market dynamics. The FY24-28 CIP Discussion Draft #1 illustrates a healthy and balanced CIP, it includes 168 projects of which 9 are new projects and 10 are closed. Our CIP roadmap continues to project that GLWA's annual investment in the two systems over the next 5 and 10 years will be approximately \$350 million annually.

Last month, the CIP Team launched the second annual CIP Plan Project Photo contest. All members of the CIP Delivery team got an opportunity to vote on the best water and wastewater photos for the cover of the FY24-28 Capital Improvement Plan. In addition, the CIP Team, along with AECOM, continued to make progress on the Program Management Plan (PMP) with a focus on Chapter 15, the CIP development chapter. Also, the CIP team continues to actively evaluate resumes for candidates to fill its open positions.

Systems Planning Group

Charges Rollout #1 CIP (Fiscal Year 2024)

More than 90 members met via Zoom on October 19, for the first meeting in the Charges Rollout series, which focuses on the Capital Improvement Plan (CIP). A team from Public Sector Consultants (PSC) kicked off the meeting, sharing the findings of the Economic Outlook Task Force (EOTF). The EOTF is an effort led by PSC and PMA consultants, together with GLWA team members, to conduct an economic analysis and identify impacts on the annual capital improvement and operating plans. An outcome of the task force's work was to identify cost pressure mitigation strategies addressing forecasting, budgeting, and vendor/contract terms. The task force conducted benchmarking interviews with eight peer utilities across the U.S., three major construction firms, and financial and procurement officers from Wayne, Oakland, and Macomb counties and the City of Detroit.

FY24-28 CIP PLAN GOALS AND OBJECTIVES

- ◆ Address projects that promote improved redundancy, system resiliency, and health & safety
- ◆ Conformance with recommendations of long-term master plans
- ◆ Share information and solicit stakeholders input
- ◆ CIP alignment with the financial plan
- ◆ Meet regulatory and operational needs

CIP Director, Dima El-Gamal, presented an overview of Discussion Draft #1 of the FY 2024 – FY 2028 CIP. The CIP was developed with the goal to leverage regional collaboration and planning to incorporate projects that promote improved redundancy, system resiliency, as well as health and safety while conforming with master plan recommendations and meeting regulatory requirements. Peter Fromm and Chris Nastally, both with GLWA, highlighted several water and wastewater projects included in the CIP.

PLANNING SERVICES (continued)

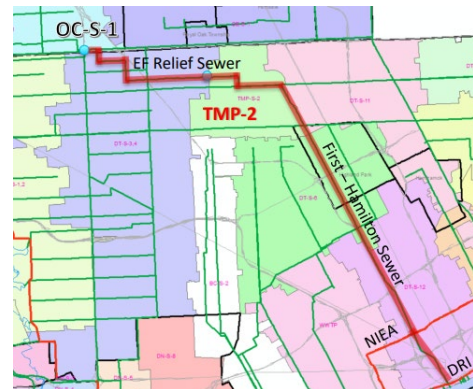
Watershed Hub Work Group

On October 19, the Watershed Hub Work Group met with representatives of the U.S. Geological Survey (USGS) to provide feedback on the timing and parameters of water quality samples collected through the Regional Water Quality Monitoring Program. Parameters being considered include E.coli, carbonaceous biochemical oxygen demand (CBOD), and microbial source tracking (MST). The program is part of the implementation of GLWA's 40-year Wastewater Master Plan.

Its purpose is to measure the effectiveness of regional water quality actions and to guide future investments. The Work Group also discussed key stakeholders' early preferences regarding funding for and implementation of the Investigational Grab Sampling Program, which the Work Group has designed to support the region in identifying and resolving the most significant dry-weather water quality impairments.

Wastewater Analytics Task Force (WATF)

On October 20th, the Wastewater Analytics Task Force met to learn about work done by DWSD and GLWA to address dry weather inflow and infiltration in the Central Business District of Detroit. CDM Smith also shared information about the metering project in the First Hamilton Sewer area within Detroit that has helped GLWA better understand inflow and infiltration in that area.



Wastewater Management Best Practices

At their last meeting of 2022, on October 26, the Wastewater Best Practices Work Group met in-person to learn about the format for the Regional Operating Plan pre-storm calls that GLWA hosts with members before significant storm events. They also heard updates from the Michigan Department of the Environment, Great Lakes, and Energy regarding proposed updates to Part 41 Rules. Then the group discussed best practices for periods of extended dry weather and maintaining staff morale, and brainstormed topics for Work Group discussions in 2023.

One Water Partnership Co-Chairs

One Water Partnership Co-chairs met on Friday, October 28, welcoming new Co-Chairs, Sam Smalley, DWSD, and Luther Blackburn, YCUA. (Michael Brown, City of Flint, was elected as a Co-Chair in September, but was not able to participate in the meeting.) The Co-Chairs reviewed highlights from the 2022 GLWA Member Outreach Scorecard Survey, discussed current topics, projects and initiatives, and shaped the agenda for the November 29 One Water Partnership meeting.

PLANNING SERVICES (continued)

System Analytics & Meter Operations (SAMO)

On November 18, 2022, at the Wastewater Analytical Task Force (WATF) meeting, the group presented FY 2022's sewer flow balance. The flow balance identifies various elements of wastewater flows including member partner-specific contributions. The data is used to update sewer shares. At one year into the process, this evaluation provides member partners a glimpse of data trends and allows them to consider actions if unexpected flows or anomalies are noted. The key takeaways from FY 2022 flow balance report are:

- High river levels continue to dissipate:
 - Peak levels in FY2022 approximately 8-inches lower than FY2021
 - No direct (atypical) river inflow was determined for this fiscal year
- FY2022 had a significant increase in precipitation:
 - Precipitation 5 to 10 inches higher than totals for FY2021; includes one (1) extreme event of July 16
 - Higher precipitation correlated with approximately 30% increase in total flows at the WRRF compared to FY2021; *see Figure 1 below*
- GLWA and DWSD continue to reduce extraneous flows; Dry Weather Inflow/Infiltration decreased in the last 5 years compared to previous years; *see Figure 2 below*
- Estimated flows for the area named TMP-2 in the Detroit Plus (D+) area confirmed via First-Hamilton study:
 - For this study, four new temporary area-velocity meters were installed
 - The data from temporary meters was collected for a 10-month period
- New meters installed at 5 locations to replace aging/failing meters. This improved confidence in the data collected for these areas.
 - Rouge Valley: WC-S-1, WC-S-2, WC-S-3
 - Dearborn: DN-S-8 System:
 - BC-S-2

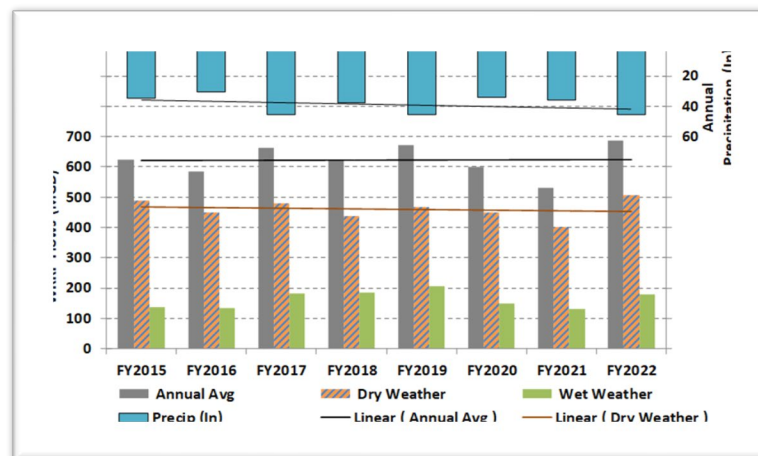


Figure 1: Flows at WRRF and Precipitation for the Past 8 Years

PLANNING SERVICES (continued)

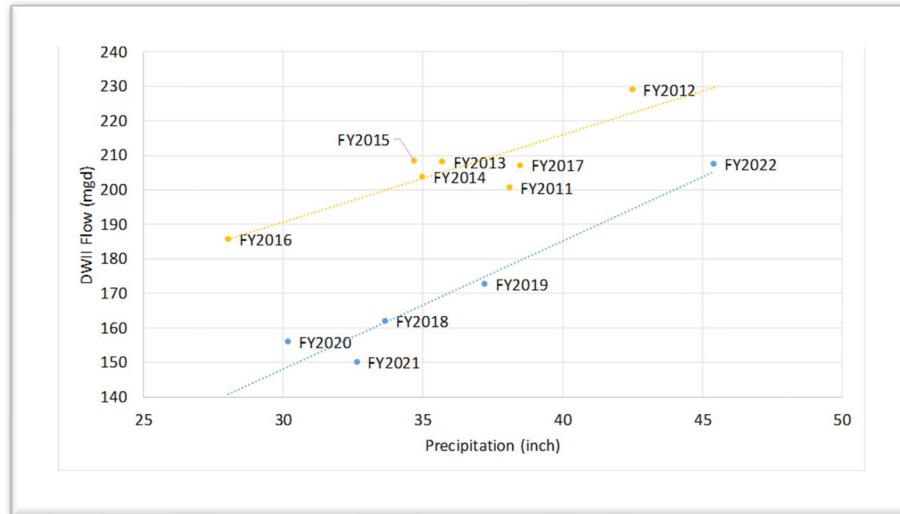


Figure 2: DWII reduction over last 5 years in Detroit Plus area

In the next WATF meeting, a presentation will be made on the hypothetical impact of FY2022 flow data on sewer shares calculations. This element of our flow balance reporting makes a direct tie from wastewater flow analytics to shares. It is a hypothetical evaluation because the flows will only be used to update shares formally after three years in service.

The SAMO Group continues to progress on the wholesale water meter pit rehabilitation and meter replacement program. The first project of this program started in November 2018. The scope of work includes rehabilitation work at 60-meter pits that have metering and/or meter pit condition concerns. Last month, coordination meetings were held with the City of Madison Heights, the City of Melvindale, the City of Sterling Heights, and the Village of South Rockwood. The planned work has been completed at 53 of the meter pit locations and is underway at another four locations. The group is working with the Procurement Group to solicit bids for the second contract of the program. This contract will provide metering and instrumentation upgrades and complete meter pit rehabilitation at 60 additional meter pit facilities. This contract will also provide as-needed corrective and emergency maintenance for the remaining metering facilities.

WASTEWATER OPERATING SERVICES

Wastewater Operations

Water Resource Recovery Facility (WRRF) operations complied with the Water Quality Standards for the month of October 2022.

WASTEWATER OPERATING SERVICES (continued)

Maintenance

The Primary Team managed a project to upgrade the lighting in Pump Station 1 (PS1) Rack and Grit at the WRRF. This lighting upgrade project improves the overall safety condition for team members working at PS1. Other positive impacts of the new lighting are a more hospitable work environment, enhanced cleanliness of the facility and a better pest deterrent which will become critical for team member morale as the weather gets colder.



New lighting installed at PSI Rack and Grit dramatically improves conditions for team members

In addition to the lighting project, the Primary Team also made improvements and modifications to the skybelt in Pump Station 1 Rack and Grit to help mitigate grit falling into the basement. With the current design of the skybelt, grit falls into the basement resulting in cleanup efforts and premature failure of sump pump equipment.



The addition of skirting to the skybelt will reduce the amount of grit falling off the belt improving the overall cleanliness of PSI Rack and Grit

WASTEWATER OPERATING SERVICES (continued)

These modifications include the addition of skirting, belt wipers, more rollers, and a robust spray system to redirect the grit that falls off the belt back into the grit channels instead of into the basement.

The Secondary Team was instrumental in meeting the National Pollutant Discharge Elimination System (NPDES) permit monthly effluent phosphorus limit in October. On short notice, the team was able to rapidly set up a temporary ferric chloride tank for feeding ferric at the Intermediate Lift Pumps (ILP) to maximize the mixing. These actions dramatically reduced the effluent phosphorus levels for the remainder of the month reducing the monthly total phosphorus average to permit levels. The coordination between operations and maintenance on this project was a great example of a One Water, One Team attitude!



Temporary ferric tank being lowered by a crane in preparation for set-up

The Incineration Team received feedback from operations concerning the difficulties in de-slugging the incinerators due to the weight of the de-slugging tools. The original tools were made of steel and could weigh up to 50 pounds. After some investigation, a lightweight and heat resistant alloy was identified, and a pilot set of de-slugging tools fabricated from this alloy were ordered as a trial. After a few months of operations utilizing these new tools, maintenance will gather their input and determine whether to replace the current heavy steel tools with the new material.



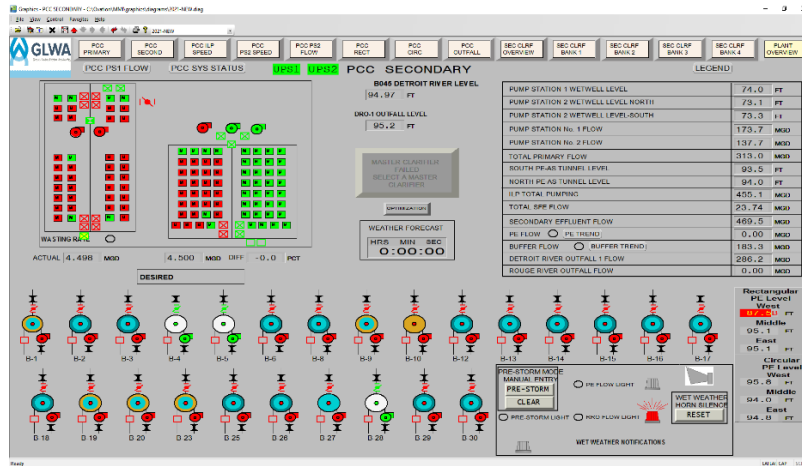
New tools manufactured as a trial program. These tools are significantly lighter than the old steel tools and should be easier to use

WASTEWATER OPERATING SERVICES (continued)

Process Control Center (PCC)

Lab Notification System (Phase II)

The Process Automation and Control System (PACS) Team received a request to implement a lab notification system to prompt the chemists when a change in sampling is required based on process conditions. The graphics (see example below) have been updated to provide the lab personnel with the interface to acknowledge the wet weather conditions. The dialer was also configured to notify the lab personnel through a phone call.



PACS Team Presentations at WEFTEC 2022 Conference

Aeration Optimization Presentation: Zaki Shalhout, Infrastructure Administrator, presented an overview of the WRRF Secondary Optimization Project that resulted in a 30% reduction in oxygen usage. The presentation summarized the effort to automate aeration basin mixed-liquor level and dissolved oxygen control, with a focus on the process of automation including data analysis, implementation, control tuning, pilot runs, and adoption as the primary control mode. An analysis of the operational baseline (oxygen usage, variance, and manual control strategy) was discussed, followed by a comparison of two years of operations data with the new automated controls in operation. Analysis of the data revealed a 74% improvement in aeration basin level stability and a ~30% reduction in oxygen use.

Cybersecurity Presentation: Chris VanPoppelen, Manager, presented on practical and low-cost options for utilities to enhance their cybersecurity posture based on the methods and approaches developed at GLWA.

WASTEWATER OPERATING SERVICES (continued)

Laboratory

The Laboratory is currently working with the Transformation Team to understand if there are ways to streamline the sample receiving process and sample inventory tracking.

As part of the monthly laboratory meetings, small overview sessions of plant processes and operational capabilities of the WRRF are highlighted. The short process recaps are meant to provide context to the various analyses performed by the lab every day and to update the team on upcoming process improvements.

Lastly, laboratory personnel attended the Michigan Water Environment Association (MWEA) Laboratory Practices Seminar in East Lansing and virtually. Topics included wastewater monitoring, whole effluent toxicity, source tracking of fecal contamination, laboratory training, lab safety and others. Another training opportunity provided by Thermo Scientific was attended by laboratory staff performing gas chromatography analysis. The seminar focused on the Chromeleon Software utilized by these instruments.

Laboratory personnel is maintaining newly installed online Phosphorus Analyzers. Avi Patel is pictured at the location for the aeration deck influent where the samples are analyzed for ortho-Phosphorus. At the secondary effluent location, both ortho-Phosphorus and total Phosphorus are measured. Data becomes available on Ovation every couple of minutes. The near real-time data will allow for better process control and inform the WRRF staff how well the system removes phosphorus. Phosphorus removal is required to meet NPDES permit limits and to reduce eutrophication in the receiving waters.



Industrial Waste Control (IWC)

The GLWA Pretreatment Rule package became effective October 17, 2022, and we have initiated implementation of the new rules.

A revised Industrial Pretreatment Program (IPP) was submitted to the State of Michigan on October 6, 2021, requesting that GLWA be recognized as an independent Control Authority.

The Local Limits Re-evaluation Study was finalized in May 2021 and submitted through the MiWaters Reporting System on June 1, 2021. Site specific data from the WRRF influent and effluent and representative domestic and background sites were collected in 2020 and used in the mass loading and proposed limit calculations specified by the United States Environmental Protection Agency (US EPA) and the State of Michigan. The report and its recommendations were public notice on March 11, 2022.

WASTEWATER OPERATING SERVICES (continued)

We have prepared an amendment to the GLWA rule package to reflect changes identified by GLWA and Michigan Department of Environment, Great Lakes, and Energy (EGLE) concerning adoption of new or revised Local Pollutant Discharge Limitations based upon the 2021 study effort. An amendment package has been prepared and submitted to the Office of General Counsel for review.

GLWA submitted its mid-year status report on the perfluorooctane sulfonic acid (PFOS) and perfluorooctanoic acid (PFOA) Minimization Program on October 28, 2022.

A Unilateral Administrative Order was issued on December 4, 2020, to businesses and landowners residing within the City of Melvindale and designated as the source(s) of per and poly fluoroalkyl substances (PFAS) compound contamination. Marathon Petroleum has submitted a request to operate a pilot stormwater treatment system to evaluate the technology ability to remove PFAS compounds to meet GLWA requirements. GLWA is evaluating the request. We have targeted the first week of November 2022 for processing our response.

Engineering and Construction

Design Projects

CIP 211006, Contract No. CS-102 - Pump Station 1 Improvements (WRRF).

This project considers several improvements including pump rehabilitation, an elbow-type flowmeter, arch and structural repairs, a new electrical room addition, and miscellaneous electrical and control improvements. Two bids were received. The bids were reviewed and evaluated by Wade Trim, and they provided a letter on October 24, 2022, recommending awarding the contract to the lowest bidder, Weiss Construction. We anticipate the Board's approval of this contract in January 2023. Wade Trim had a meeting scheduled on November 2, 2022, to discuss submittal review comments with the discharge gates vendor. Wade Trim is working on conformed documents.

CIP 212008, Contract No. 2201139 – Aeration Deck 1 and 2 Modifications (WRRF).

This project includes structural and process modifications to the Aeration Decks 1 and 2 at the WRRF. This project was advertised to the pre-qualified vendors on September 26, 2022. Given the nature of the project, complexity, and project delivery method requiring significant effort up front from design-build teams, the RFP due date has been extended to February 2023, with extended time for questions and additional site visit opportunities.

CIP 270004, Contract No. 2011475 - Oakwood and Leib CSO Facilities Improvements (CSO).

Work has begun for the study and assessment part of this project. We are currently trying to anticipate the next rain events to coordinate sampling and observation of facility operations to inform the design process.

WASTEWATER OPERATING SERVICES (continued)

CIP 270006, Contract No. 2200061 – CSO Facilities Improvements II (CSO).

This project includes safety improvements and architectural improvements to all CSO facilities, and screening and disinfection improvements to St. Aubin. One proposal for this project was received and contract scope and negotiations are completed. This project will go to the Board in December 2022 for approval.

Construction Projects

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

The work under this contract is 47% complete. The larger of two pump skids has been received and installed. The smaller pump skid was received damaged and has been returned to the supplier for repairs, which were completed November 1, 2022. Weiss is completing the Ovation room and is installing a conduit from control panels to the ferric pump skids area. Weiss is also preparing its demolition plan for existing Ferric Tanks 2, 3, and 4 which are no longer in use by GLWA. The photo shows the conduit from ferric pump control panels at Pump Station 2 Chemical Building.



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

The work under this contract is more than 93% complete. All belt conveyors, screw conveyors, strainers, and electrical components have been installed. The contractor has addressed performance issues associated with the new screw feeders and belt conveyors and has replaced damaged lagging on the P13/14 conveyor head pulley. Minor owner requested changes to the belt guards, catwalks, and handrails as well as repairs to the incinerator bomb bay doors have been completed.



As soon as the remaining minor adjustments requested by GLWA have been completed, the northside belt conveyors will be ready to be placed into operation in preparation for the 30-day performance test. The right photo shows the installation of modified shrouds at screw conveyors. The left photo shows the incinerator bomb bay doors removed for repair.



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

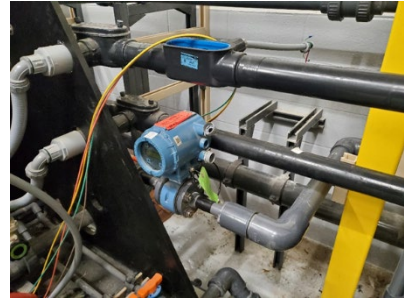
Currently, the engineer is in the preliminary design phase of 22 improvement and rehabilitation items selected by GLWA from the basis of design report (BODR).

WASTEWATER OPERATING SERVICES (continued)

The preliminary design is scheduled to be completed by mid-November 2022. GLWA is reviewing the overall schedule of both contracts, including the preliminary design, final design, and even construction phase, and will adjust contract times as necessary in a Change Order.

CIP 216004, Contract 1802410 – Rehabilitation of various Sampling Sites and PS#2 Ferric Chloride System (WRRF).

The majority of the work left for Package A is at the ML-1 building. Work is pending roof platform steel delivery, which is expected to be delivered within two weeks. A notice of defective work was issued to the contractor on September 9, 2022, about the pump skid installation for Package B. The contractor is working on correcting those deficiencies associated with the pump skid installation. The major deficiency items that the contractor worked on are moving all four flow control valves from the northwest corner of the ferric room to the west wall for better access and maintenance. Disconnect switches were moved to the side of the skids. Two flow meters on the north wall were moved closer to the front and center (see photo) so the maintenance team members could have an easier time reading and reaching them. The contractor worked on the concrete sidewalk by the chemical building. The contractor also removed broken pavement on 10th Street near the Oakwood manhole. Overall, Package A work is about 80% complete, and Package B is about 80% complete.



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

The contractor has been working at three CSO facilities. At the Hubbell-Southfield CSO facility, flushing pipe and valve insulation replacement work has started. The material has a three-week lead time. At the Belle Isle CSO Facility, the contractor has completed skylight repair work. At the Oakwood facility, cleaning, inspection, and repair work of the wet wells is still paused due to parts to be received to resolve ventilation system issues. At the Baby Creek CSO facility, the contractor completed the first round of effluent channel inspection on October 28, 2022. No high priority repair item was found. The second round was scheduled on November 3, 2022. Two sites have been substantially completed by the end of this month, Belle Isle and St. Aubin. All Priority 1 items are completed, and around 43% of Priority 2 items are completed. Photo 1 shows the inspection at Baby Creek Effluent Channel. Photo 2 shows flushing pipe insulation work at the Hubbell Southfield Facility. Photo 3 shows skylight repair work at the Belle Isle Facility.



Photo 1

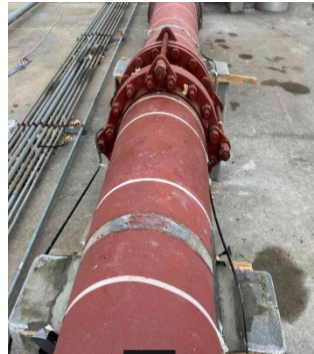


Photo 2



Photo 3

WASTEWATER OPERATING SERVICES (continued)

CIP 260902, Contract No. 2101879 – Renovation of the 4th floor at the WRRF.

This contract had a start work date of May 20, 2022, for renovating the WRRF's 4th floor. Demolition has been completed. Currently, metal studs, wall partitions, and framing are underway. Electrical and plumbing rough-ins are being installed. The photo shows metal stud installation.



JOC 58, Contract No. 2100910 - Complex II Incinerator Building Grating Repairs.

The contractor has completed the base contract grating repairs, and the additional grating repairs and replacement were authorized through a Construction Change Directive/Change Order. However, GLWA has recently identified additional grating and structural repair and replacement work in Complex II that needs immediate attention. To undertake the additional identified work, a change order is being processed for additional money and time. The photo shows newly installed gratings in Complex II Incineration.



Combined Sewer Overflow (CSO) Operations and Maintenance

CSO Operations

Although there hasn't been a discharge since June 2022, CSO Operations had a few captures at various CSO Facilities. Next, training for CSO team members is being set up with Hach Company for the new colorimeters for total residual chlorine (TRC) measurements made during water quality testing while in a wet-weather event. These new instruments will be able to connect to the plant technicians GLWA-issued cell phones via Bluetooth. The goal is to eventually be able to provide the WRRF operations lab with real-time data.



CDM Smith has been working alongside our operations teams at Oakwood CSO and Leib SDF for engineering project (CIP 270004). The project manager for CDM Smith gave the team high praise for their engagement in CDM's efforts to understand our facilities, pain points, what works well, etc. Thanks to the CSO Team for their professionalism and engagement to ensure the success of GLWA engineering projects.

CSO Maintenance

The Maintenance Team is approximately three quarters away from the flushing system repairs at Conner Creek. Maintenance has also installed new replacement actuators (see photos below) for the effluent butterfly gates located at the Seven Mile CSO.

WASTEWATER OPERATING SERVICES (continued)

The original actuators were damaged during the most recent area CSO flood that occurred in 2021. The actuators and parts to fix them were long lead items due to supply chain shortages.



WATER OPERATIONS

Certificates of Excellence Received

Water Operations Southwest Water Treatment Plant (SW) laboratory received Certificates of Excellence in recognition of the quality of plant's laboratory in proficiency testing for WS-312, a study done during the period July 11 to August 25, and WS-313, a study done during the period August 8 to September 22, 2022.

These certificates of achievement were issued by Environmental Resource Associates (ERA), a Waters Company. This laboratory has been recognized as a Laboratory of Excellence for achieving 100% acceptable data in WS-312 study which included 765 and WS-313, included 277 participating laboratories. This achievement is a demonstration of the superior quality of the laboratory in evaluation of the standards listed below:



- Inorganics
- Hardness
- Residual Chlorine
- pH
- Turbidity
- Heterotrophic Plate Count
- WS SourceWatR™
- MicrobeE™
- (Coliforms)

This is a great achievement for SW plant laboratory.

WATER OPERATIONS (continued)

Northeast Water Treatment Plant

15 Year Director's Award

The American Water Works Association (AWWA) established the Partnership for Safe Water Program in the late 1990s to give the water utilities the ability will do a self-assessment of the treatment plant. The program identifies areas of vulnerability and voluntarily implement the corrective actions that are appropriate for the system. In 2000, the Northeast plant implemented their improvement plan which includes, but is not limited to the installation of continuous monitoring turbidimeters on individual filters, new rotameters for the alum feed, level sensors for the alum day tank streaming current monitors, optimizing coagulant feed new disinfection facility and disinfection with redundancies, filter cylinder rehab project for improved filter operation and to reduce water loss, instrument air replacement, installation of emergency generators and refurbishment of low lift and high lift pump station, phosphoric acid feed system and heating improvements, finished water Hach cover replacement project, filter loss of head and flow rate rehab, continuous monitoring system for the various stages of treatment, etc.



The Northeast plant met all requirements for drinking water under the Interim Enhanced Surface Water Treatment Rule. The Partnership for Safe Water program is an indicator of proficient operation. The 2021-2022 Northeast plant partnership report shows 99% of the time the filtered water turbidities were under 0.08 NTU and applied water turbidities were below 1.9 NTU 98% of the time.

Northeast received the 15 Year Director's Award in 2021; however, we just received the plaque. Continuous participation in Partnership for Safe Water shows our commitment to improve the water treatment process performance which in turn will create public confidence and reliability in our water system.



WATER OPERATIONS (continued)

Water Quality

Leadership Training with MPSI (Michigan Public Service Institute)

Nathan Taylor, a recent graduate of the Michigan Public Service Institute (MPSI) on September 23, 2022, shares that the 3-year program is a great tool for building leadership skills. The first-year topic was building trust with your team where he learned that your team can be a reflection of you, so you should always lead with a positive thought in mind. The second-year topic was finding common ground with your team where he learned that finding something that you have in common with your team can be a great morale builder. In the third-year, Lewis Bender (facilitator) went over how to deal with the problem employee by making them own their job by leading with questions. What Nathan learned in the third year is that your team can make you or break you, so lead well and pay attention to your team. Nathan recommends this training for all management and team members that are thinking of building new leadership skills.



Lake Huron Water Treatment Plant

Lake Huron Staff Excellence

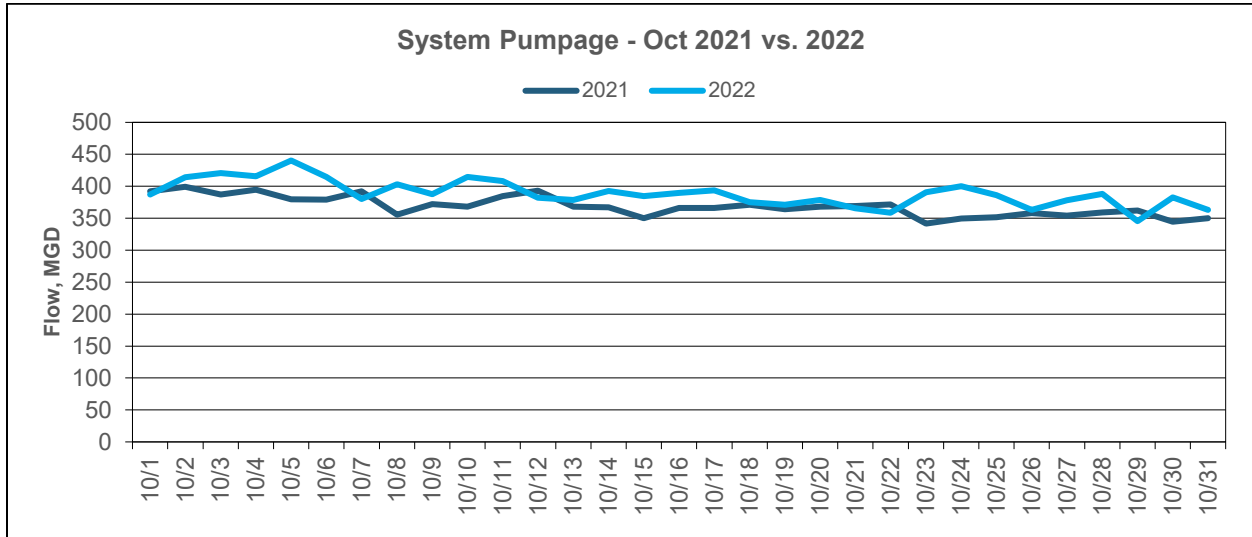
During Lake Huron's valve turning program, team members found a 6-inch valve not operating as it should. Maintenance technicians Jacob Falter and Christopher Chaskey jumped at the opportunity to replace the valve. The valve is in a hard-to-reach area which is 30 feet in the air and above a low lift pump. With the help of a man lift, Jacob and Chris were able to remove the old valve and replace it. Great work guys!



WATER OPERATIONS (continued)

Systems Control Center (SCC)

October 2022 pumpage was 5% higher than October 2021



Energy, Research & Innovation

DOE Award to perform a feasibility study on hydrothermal liquefaction

The Energy, Research & Innovation team was awarded with \$1,500,000 from the Department of Energy (DOE) to perform a feasibility study on hydrothermal liquefaction, a technology that can turn sewage sludge and other organic wastes into biocrude for diesel production. The team consists of researchers from GLWA, Wayne State University, University of Michigan, Pacific Northwest National Laboratory, and Genifuel. Currently, negotiations are still going on between the project team and the DOE, but the project will likely start in January 2023.

Engineering

Contract No. 1803312 – West Service Center Pump Stations Reservoir, Pump House and Division Valve Replacements.

During the last three months at West Service Center, progress has continued at a healthy pace. The wire wrapping of the reservoirs has been completed and shotcrete coating of the exterior walls is nearing completion. They have also finalized the concrete pours for the reservoir caps. Installment of the fill pipes inside the reservoirs and the isolation gate valves for the reservoir fill lines have also been completed. The brick exterior façade on the pump house is complete. Electrical, heating, and plumbing in the new pump house continues. The vendor has just scheduled witness testing for three of the cone valves and arrangements are being made for GLWA to witness the testing.

WATER OPERATIONS (continued)



Pump station masonry face brick installation (north side of building)



Pump station glass block window installation



Reservoir 2 shotcrete wire cover and cover



Aerial view of new pump house



Pump Station 635 pump floor



Reservoir 1 roof deck concrete placement east half

WATER OPERATIONS (continued)



Reservoir 2 reservoir filled 24-inch pipe installation



Reservoir 1 overflow structure foundation slab formwork and reinforcing steel installation

Facility Operations

Roof Leaks

The contractor along with the Facility Operations team have successfully completed inspections of all roof areas for the main facilities, which include Southwest, Lake Huron, Water Works Park, Springwells, and Northeast water treatment plants. Inspections are continuing with the pumping stations and other facilities. During our walkthrough, visible damage and leaks are repaired on the spot, if possible. This is proving to be invaluable as it allows us to immediately address issues.

INFORMATION TECHNOLOGY

In the past month, the IT Security Team has proactively blocked or thwarted 39,507 spam messages, 11,881 spoofed messages and 16 viruses. Additionally, 2,340 phishing attempts have been caught and 2,836 malware attempts have been blocked.

Frank Garcia has joined GLWA and will serve as the IT Director – Security. Frank brings a long history of both breadth and depth to the position. In this role, Frank will lead all cyber security efforts throughout the organization and will continue to build upon our robust cyber program.

The IT Business Productivity Team, in collaboration with Organizational Development and Financial Services, continues to make significant progress on the Workday project. Currently, all configuration workbooks, including data conversion workbooks, are being finalized and initial test scenarios have been identified, along with the team member responsible for performing each scenario. Additionally, configuration confirmation sessions have been scheduled starting in January and a time clock vendor has been determined. Workday will replace BS&A and Ceridian and related systems as a unified ERP solution that allows for greater process automation and improved cross-functional reporting.

INFORMATION TECHNOLOGY (continued)

The IT Business Productivity Team has worked with the WRRF lab team to create SharePoint daily checklists to replace hard-copy checklists. The online checklists reduce the possibility of error, allow greater collaboration, and enforce editing rules.

The IT Infrastructure team, along with Customer Service Delivery (CSD) and Business Productivity Systems, is working to transition GLWA to Microsoft Teams calling. Teams calling will allow users to make calls to outside numbers from within the Teams application that many team members are already using for remote meetings. Some of the benefits of Teams calling are one-click dialing and the ability to make and receive calls at the same number from a desk phone, computer, or mobile phone.

The IT Customer Service Delivery team continues to work with the IT Enterprise Asset Management Systems team and the NEXGEN pilot group on system implementation planning and training for the NEXGEN Enterprise Asset Management (EAM) program. In doing so, the CSD team has deployed approximately 75 new Active 3 tablets and 60 new 5G phones to support mobile device training and user acceptance testing on mobile devices. Mobile devices will provide real-time maintenance data and reporting for asset management decision making. With the current EAM system, it takes up to two weeks to have the paperwork orders entered into the system to determine progress and if any follow-up work is needed. In addition, using mobile devices, instant access to asset data and attachments including past work history, O&M manuals, and GIS location will be available to GLWA team members enabling improved productivity and wrench time.

Currently, the IT PMO is managing 20 active projects and is processing 2 active project requests.

PUBLIC AFFAIRS

Public Affairs Supports CEO in Her 2nd Round of Facility Visits

The Public Affairs team supported CEO Sue Coffey as she began her second round of full facility visits at the Water Resource Recovery Facility on October 18. The day started at 7:00 a.m. with cider and muffins served for the midnight shift and continued with a pizza lunch for the day shift. Overall, it was a great success offering team members an opportunity to stop by, get some food and have an informal chat with Sue and the rest of the Executive Leadership Team.

PUBLIC AFFAIRS (continued)



PUBLIC AFFAIRS (continued)

Breast Cancer Awareness Month

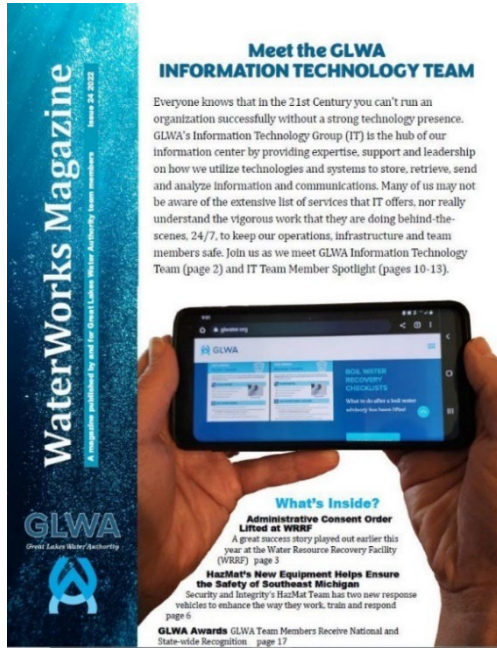
The Public Affairs team lead another successful effort to raise money for breast cancer research during National Breast Cancer Awareness Month. As part of the annual October support of Making Strides Against Breast Cancer, GLWA's Making Big Waves Team Members who donated at least \$6 by October 14 were eligible to receive a commemorative Pink Out the Plant (POP) t-shirt. This year, a new design initiative allowed Team Members to honor a loved one who has battled breast cancer by adding their names to the t-shirt for an additional \$6. This opportunity was very well-received. While in previous years we sold approximately 100 t-shirts and raised \$3,000 in donations, this year we significantly increased that to 145 t-shirts and a whopping \$4,038 donated. A HUGE thank you to GLWA Team Members for their dedicated and consistent support. Also new this year on October 28, Pink Out the Plant Day, Team Members were given pink ribboned wristbands from the Security & Integrity Team. Photo submissions will be featured in an upcoming Water Works Magazine and on Reach monitors in each facility.



PUBLIC AFFAIRS (continued)

Open Enrollment

Public Affairs teamed up with the Organizational Development One Water Wellness Team to create a cover for this year’s Open Enrollment Guidebooks. This year’s Open Enrollment cover features Procurement Management Professional Mahfuz Rahman with his wife and new son Affan Z. Rahman. Highlighting our team members and their families is an important part of the Open Enrollment season.



WaterWorks Magazine Issue 24

Public Affairs has published WaterWorks Magazine Issue 24. The magazine covers a variety of topics. Inside you can meet GLWA's Information Technology team, find out more about HazMat's new response vehicles, hear the whole story about the lifting of the Administrative Consent Order at WRRF and join us in congratulating some team members who recently won awards.

PUBLIC AFFAIRS (continued)

5S Video

Public Affairs teamed with the Transformation Team to create a video that gives team members an overview of the 5S process. The video focuses on the steps in the 5S process and gives a visual representation of how the transformation team helped the Water Resource Recovery Facility lab get organized and operate more efficiently. Animated graphics help bring the steps of 5S to life. The video also features interviews with the Transformation Team and the people who work in the lab every day. You can watch the video by clicking [HERE](#).



SECURITY AND INTEGRITY

The Hazmat Unit coordinated and completed a total of 295 hours of training during the month.

The Security and Integrity Group attended a statewide annual assessment for utilities hosted by the Michigan State Police.

Lastly, the group held the initial planning for the upcoming Southwest Plant tabletop exercise.

ORGANIZATIONAL DEVELOPMENT

Apprenticeships

Professional Development Certification Program

The Professional Development Certification Program for team leaders and represented team members in specific job classifications was conducted in October. The program provides an annual stipend for Michigan Department of Environment, Great Lakes, and Energy (*EGLE*) required certifications.

ORGANIZATIONAL DEVELOPMENT (continued)

The EGLE certifications must be required by the team member's job description or approved by the Chief for the operational area in which the team member is employed. 150 team members are eligible to receive the stipend. The stipend is scheduled to be part of the team member's November 18th pay.

Michigan Reconnect

The State of Michigan's Department of Labor & Economic Opportunity provides free tuition for individuals at their in-district community college who are 25 years or older through the Michigan Reconnect program. This program was paired with GLWA's Tuition Assistance program and announced to GLWA's team members.



Michigan Reconnect pays the cost of in-district tuition for eligible adults who want to pursue an associate degree or skills certificate at any of Michigan's public community colleges, including its three tribal colleges. Eligible residents can attend community college tuition-free at a community college where they are considered in-district. For those who are not considered in-district by a community college, Michigan Reconnect will still cover up to the in-district portion of tuition. GLWA Team Members who elect to attend an out-of-district community college can request tuition reimbursement to cover the difference between in-district and out-of-district costs.

To be eligible for Michigan Reconnect, a person must:

- Be at least 25 years old when you apply
- Have lived in Michigan for a year or more
- Have a high school diploma or equivalent
- Have not yet completed a college degree (associate or bachelor's)

For more information, visit <https://www.michigan.gov/Reconnect>.

GLWA apprentices (electricians, water technicians, and maintenance technicians) continue to perform well in their respective programs. Interviews for the recently announced EICT-I Apprenticeship are scheduled to begin in November 2022.

Patricia Butler, Organizational Development (OD) Manager, presented GLWA's apprenticeship and internship programs to GLWA's Board of Directors during the October 26, 2022, Board meeting.

GLWA will celebrate National Apprenticeship Week (November 14 – 20, 2022) with an event on November 14th at Water Works Park. This event has been registered with the U.S. Department of Labor. GLWA's Board of Directors issued a resolution on October 26, 2022, in recognition of National Apprenticeship Week.

ORGANIZATIONAL DEVELOPMENT (continued)

Manufacturing Day

On Friday, October 7, 2022, GLWA participated in Southeast Michigan Community Alliance’s (SEMCA) Manufacturing Day 2022. Manufacturing Day is a national celebration of modern manufacturing and the great careers offered. GLWA hosted students and one faculty member from the Harper Woods College and Career Institute at our Water Works Park (WWP) facility. Students heard from GLWA team members representing engineering, chemistry, skilled trades, and apprenticeships. The students were able to ask questions about different career opportunities. Adino May, Organizational Development Management Professional and Apprenticeship Coordinator, and Pat Butler, OD Manager, shared information regarding GLWA’s apprenticeship opportunities. The highlight of the event was a facility tour conducted by Andrae Savage, WWP Plant Manager. Students were fascinated and inquisitive about the water treatment process.

Community Outreach

GLWA’s Performance Team participated in the following community outreach events:

- A College and Career Expo at Fordson High School, Dearborn, MI on Monday, October 17, 2022. GLWA team members shared information and answered questions regarding careers at GLWA and provided literature on the benefits of apprenticeships, becoming an apprentice, and summer internship opportunities.
- Oakland University Human Resources Recruitment Night on Thursday, October 13, 2022. GLWA shared information about career and internship opportunities and attended the Alumni Afterglow.

Progression

The 2022 Progression Cycle is scheduled to begin in mid-November 2022 and conclude in early January 2023.

Talent Pipeline Management

Staffing

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

Number of New Hires	15
Number of Separations	8
Total Staffing - Regular FTEs (YTD)	969

ORGANIZATIONAL DEVELOPMENT (continued)

Benefits and Wellness

Wellness Wednesdays Meditations continued for GLWA Team Members with a focus on emotional and mental well-being. Powered by Blue Cross Blue Shield of Michigan, topics included:



- Tapping and Positive Affirmations for Weight-loss
- Tibetan Singing Bowl
- Leading with Purpose
- Words of Affirmation
- Regaining Balance in Life

Transformation Thursdays with Alicia Jackson, Licensed Professional Counselor, MA, LPC, returned to provide GLWA team members timely lessons for this time of year. Topics included:



Recognizing and Acknowledging Your Self-Worth

- Part I – Defining self-worth and navigating the internal factors
- Part II – Developing your own path to self-worth

Managing Grief and Loss During the Holidays

- Part I – Learning where you are in your grief journey and knowing your triggers
- Part II – Learning to honor your grief and the joy of the holiday season

Drop 5 Virtual Weight-loss Community



The Drop 5 Community facilitated by Blue Cross Blue Shield of Michigan (BCBSM), provides health-related resources to team members and celebrates scale and non-scale victories.

November topics included:

- Come Fika with Cindy and Marissa;
- Prepping for World Kindness Day on November 13
- Brain Health for Seniors

ORGANIZATIONAL DEVELOPMENT (continued)

The GLWA Men continued to build a sense of community by providing a safe space for men to explore topics that support their well-being. This month, they celebrated No-Shave November, a month-long journey that sacrificed shaving and grooming in order to promote conversation around cancer awareness. They embraced their hair, which many cancer patients lose, by letting it grow wild and free.



2023 Open Enrollment for GLWA Health Care and Benefits Plans takes place November 3 – 18, 2022. The One Water Wellness Team, along with support from Operations team members, will tour six facilities and hold nine wellness fairs to support team members through the open enrollment process. The team, along with representatives from Blue Cross Blue Shield of Michigan, Health Alliance Plan, Delta Dental of Michigan and Heritage Vision plans, will promote well-being resources and answer benefit-related questions to assist team members in the decision-making



process.

Training

During the month of **October**, **220** GLWA team members completed **36** safety courses and **17** non-safety courses for a total of **325** instructor-led training hours. Also, **11** GLWA team members and **four** member partners completed **22** online 360Water courses.

FINANCIAL SERVICES AREA

October 2022 Audit Committee Recap

The October 2022 Audit Committee meeting was cancelled. The next regularly scheduled Audit Committee meeting is scheduled for November 18, 2022.

FINANCIAL SERVICES AREA (continued)

Michigan Women in Finance (MWIF) - Fall Event

On October 26, 2022, the Michigan Women in Finance (MWIF) held their Fall Networking Event at The Whitney in Detroit. MWIF Vice President Alicia Schwartz (*CFO Services Team Member*) volunteered her time to coordinate this event which brings the finance community and professionals serving in state, regional, county, and local government together. A number of GLWA team members were able to attend and connect with colleagues that work with GLWA to provide bond, banking, and investment services. It was a wonderful opportunity to see some familiar faces, meet new people facing similar issues, and enjoy the rich history of a beautiful Detroit landmark.



Vendor Outreach and BID Updates



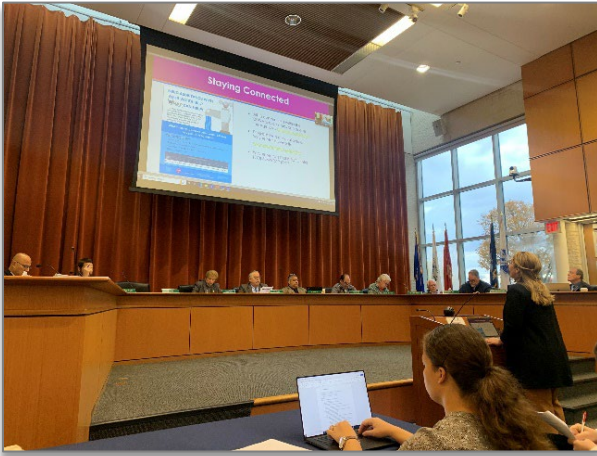
Last month, GLWA Procurement Team Members attended the 2022 Michigan Public Purchasing Officers Association (MPPOA) Annual Conference in Bay City, Michigan. The theme of this year’s annual Conference was “Public Procurement:

Versatile, Flexible, and Resilient” and the event was presided over by GLWA’s own Tina Clinkscales (Management Professional—Procurement) who is also the president of the MPPOA. The conference included educational sessions on procurement evaluation methods, National Institute of Governmental Purchasing (NIGP) consulting programs, and contract execution and completion. Procurement Team Members also attended networking sessions alongside representatives from over 30 public institutions and agencies throughout the state of Michigan, including municipalities, universities, and airport and transit authorities.

The MPPOA is an official chapter of the NIGP and was founded in 1971 as a non-profit professional organization of persons who are employed by a public agency or institution in Michigan. Each year, the MPPOA provides quality support, including education and networking services, to public purchasing professionals throughout the state.

FINANCIAL SERVICES AREA (continued)

Affordability & Assistance Update



The Affordability & Assistance Team had the privilege of presenting alongside Wayne Metropolitan Community Action Agency (Wayne Metro) at the October 13, 2022, Downriver Utility Wastewater Authority (DUWA) Board Meeting regarding the Water Residential Assistance Program (WRAP). DUWA is comprised of thirteen communities. Twelve of those communities are part of the GLWA's water service area.

GLWA and Wayne Metro provided an overview of WRAP, the new program changes

for the Income Based Plan, and how Wayne Metro can support residents in their communities. This was an excellent example of the partnership between GLWA and the community action agencies to help raise awareness of WRAP. The Affordability & Assistance Team continues to explore opportunities like this to share information about WRAP and expand outreach efforts. Member partners that would like GLWA to participate in a board or council meeting in their community should contact WRAP@glwater.org.

GLWA hosted its first WRAP Update Meeting through the Member Partner Outreach program on October 27, 2022. Well over 100 were in attendance. The engagement from participants was off the charts! The virtual meeting focused on providing background on WRAP and why the program is truly a first-of-its-kind in Michigan. Details regarding the new WRAP Income Based Plan were shared, as well as elimination of the opt-in requirement for Member Partner communities. Participants



heard from both Macomb Community Action (MCA) and Wayne Metro regarding their efforts related to case management, bill payment assistance, arrearage payments and conservation measures (including minor plumbing repairs). Discussions also took place regarding community engagement and outreach which focused on how we all have a role to play for WRAP to be successful.

Chief Financial Officer & Treasurer, Nicolette Bateson emphasized how exciting it is that Member Partners can now say that their community offers an income-based assistance plan to their residents. Meeting materials and next steps for communities looking to engage more with WRAP will be shared in the coming weeks.

The General Counsel's November 2022 Report is an attachment to the Chief Executive Officer's Report.

Respectfully submitted,



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

SRC/dlr
Attachment



Office of the General Counsel

735 Randolph Street, Suite 1900
Detroit, Michigan 48226

Office of the General Counsel – November, 2022

- **Legislative Updates:** The Office is also monitoring infrastructure spending bills at the federal and state level.
- **Gordie Howe International Bridge:** GLWA submitted its relocation reimbursement request to MDOT and received MDOT's response. GLWA received a favorable decision from the Administrative Law Judge on GLWA's reimbursement request and is awaiting further discussions with MDOT.
- **June and July Rain Events:** The Office is providing legal support in response to the significant rain events in June and July. To date, 13 lawsuits were filed against GLWA related to the rain events. A subrogation lawsuit was filed against GLWA in the past month.
- **Trenton Water Main:** The Office is negotiating the transfer of the 24-inch water main to GLWA.
- **Contract Negotiations:** The Office is working with member partners to draft a new model sewer contract. Office staff completed the Designated Management Agreement with SEMCOG. The water contract negotiation team will conclude the 2022 contract alignment/reopener negotiations for all 84 member partners plus Detroit in October 2022. Administrative items and contract approvals will continue through approximately February 2023.
- **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 is drafting a record retention policy for GLWA.
- **Industrial Pretreatment Program ("IPP"):** The Office continues to work with the Industrial Waste Control ("IWC") Group and external stakeholders on finalizing and implementing an updated IPP. The updated IPP Program was submitted to EGLE on October 7, 2022. The Office also continues to provide assistance on PFAS and PFOS matters. GLWA submitted comments on the CERLA changes to the EPA.
- **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.

- **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, including a class action lawsuit regarding IWC charges. GLWA received a favorable ruling against Highland Park in the 2014 litigation, restoring GLWA's judgment against Highland Park.
- **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.

Statistics:

Contracts approved as to form:	26
Contracts drafted or revised:	98
Subpoenas/Information requests received:	2
Subpoenas/Information responded to:	0