



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

September 1, 2021

The Honorable
Board of Directors
Great Lakes Water Authority

Dear Chairperson Zech and Directors:

Regarding: Interim CEO's Report – September, 2021

In this, my first report to the Board as Interim Chief Executive Officer and given the challenges that have occurred as a result of the intense rain events over the last several month, I wanted to start by reiterating my commitment to working with the team at GLWA, as well as with our member partners, regulators, and other stakeholders to improve the overall resiliency of the system.

Resiliency includes better coordination with our fellow utilities, including our external power suppliers. In fact, since the June rain events, we have been meeting regularly with them, and last week, I coordinated a series of meetings with executive staff from DTE Energy and members of our Executive Leadership Team to advance the dialogue about short and long-term improvements to the reliability to our power supply. We are now meeting regularly to advance these conversations.

GLWA has also been highly engaged in the new Southeast Michigan Aging Infrastructure group that was recently established by the state of Michigan and meets on a weekly basis to understand what we can do collaboratively to help address the critical issue of flooding in southeast Michigan. We have team members actively engaged on all of the subcommittees and are taking a leadership role where we see it appropriate.

As the region continues to have discussions about the rain events and resiliency, we are seeing a recognition that the level of service the system provides for environmental protection is likely different than the level of protection that is needed for flood control. This is the right conversation, and it is a conversation that we all need to be a part of. By that I mean us, our local systems/member partner communities, regulators and road agencies.

We are positioned well in the region to lead these discussions, thanks to the collaborative work that has already been done related to our new Wastewater Master Plan. In fact, a meeting on this topic is already being scheduled with our members partners from the Grosse Pointes, the City of Detroit and the Southeast Macomb Sanitary District.

During this meeting we will talk about current flood mitigation efforts, how we can better work together during large rain events and begin an initial discussion on what level of service (design target) we should be planning for given climate change and the impacts that are already upon us.

I will keep you updated as we move further along in these discussions.

Throughout all of the challenges that we have experienced these last several months, one thing I think is critical to point out to you and all who read this report is the incredible hard work and dedication of the men and women of GLWA. Each day, they do everything within their power to ensure that the people of southeast Michigan are provided with water of unquestionable quality and that wastewater is treated in an environmentally sustainable way before it is returned out of our receiving water bodies.

There is much evidence of this hard work. In today's report, I want to share several acknowledgements received by the team. First, GLWA's Water Quality Laboratory has been recognized as a "Laboratory of Excellence" by the U.S. Environmental Protection Agency, this was received in conjunction with successfully completion of the EPA's required annual proficiency testing.

I am also proud to share with you that two GLWA team members have been recognized by the Michigan Section of the American Water Works Association (MI-AWWA). They will be formally recognized by MI-AWWA in September at their association's annual conference and exhibition. First, Water Works Park Plant Manager Andrae Savage won the Professional Excellence Award, which honors individuals, organizations, companies, project teams, or any other individual or group who made an exceptional contribution to the water industry via their efforts in protecting public health, promoting safe drinking water, innovative or creative ideas, or outstanding leadership characteristics.

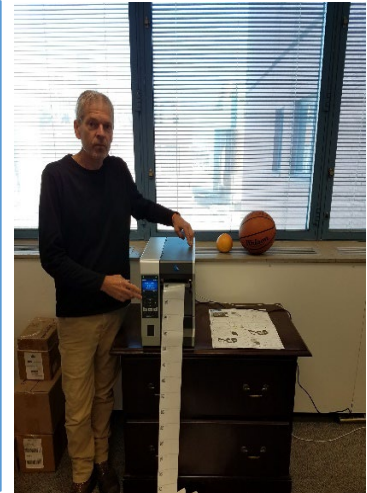
Also, Water Operations Maintenance Manager Jeffrey Dorsey has been recognized with the Operator Meritorious Service Award, which recognizes individuals for special performance in several areas including compliance with public health standards in finished water, consistent and outstanding contribution to plant maintenance, development of new and/or modified equipment or significant process modifications to provide for a more efficient or effective treatment, and special efforts in the training of treatment plant operators, among many others.

Congratulation to the Water Quality Team, Andrae and Jeff! The entire GLWA family is proud of you.

PLANNING SERVICES

Asset Management Group

The Asset Management Group recently completed a pilot project to tag new Combined Sewer Overflow assets using our asset tagging printer. The pilot identified several improvements needed but is considered an overall success. With this information, we are updating asset tagging standards and defining workflows for use system-wide. Plans are underway to pilot the technology and business process for other new assets. Once finalized, several printers will be provided in key areas, and a robust training and roll-out program will be completed.



The much anticipated Linear System Integrity Program contract with HDR is expected to be executed by August 31, 2021. We expect the program kick-off will occur in September and that will formally begin GLWA's long-term management of these underground transmission mains and wastewater conveyance systems. The first year of the program consists of primarily planning and program framework development. We look forward to working with GLWA team members to create this long-term, sustainable program!



Capital Improvement Planning Group (CIP)

With the closing of the 2020 fiscal year and the new 2021 fiscal year upon us, the CIP Group is actively engaging in preparing for the first draft of the FY 2023-2027 CIP Plan to be published in October 2021. Internally, a CIP management portal opened at the beginning of July, for project managers to update existing projects and add new projects to the CIP. The portal officially closed at the end of July.

During July, the CIP Group continued to work with the support from AECOM on the Program Management Plan (PMP). Last month was devoted to the "Construction Management" PMP Chapter. The CIP Group anticipates finalizing this Chapter during August, before beginning the review and discussion phase of the "Schedule & Budget Management" PMP Chapter.

PLANNING SERVICES (continued)

The CIP Group is in the process of completing the review of the demo script for the Program Management Information System (PMIS) Solicitation Evaluation and has worked with the IT Team to finalize a list of evaluators and advisors in preparation for the PMIS solicitation bid which opened in August. Additionally, in July the CIP group continued to work closely with the AECOM team to update the Power BI dashboard to improve data accuracy and optimize displays.

Systems Planning Group

The Member Outreach Team held our quarterly meeting with the One Water Co-Chairs to discuss current initiatives, as well as plan for the September 30, 2021, One Water Partnership meeting, which will be held via Zoom. However, we are looking at hosting the November 30, 2021, as an in-person meeting, with a live-stream option. We will be sure to keep the membership up to date.

The Regional Collaboration Group (RCG) met on July 8, 2021 and focused on the Long-Term Control Plan update project. Carrie Turner of LimnoTech began by presenting the plan's green stormwater infrastructure (GSI) design conditions, explaining how in conjunction with grey infrastructure solutions GSI can help close the gap in water quality standard attainment in the short term. Next, Dax Blake gave a detailed explanation of LimnoTech's neural network/CHRS Nodes approach to water quality modeling, including how this innovative method will enhance but not replace the previously used SWMM model. The next RCG meeting will take place on September 23, 2021.



The July 13, 2021, Watershed Hub Work Group meeting began with a presentation from Phil Argiroff of the Michigan Department of Environment, Great Lakes, and Energy (EGLE) on updates to the Collection System Permitting program. This was followed by a discussion about the agenda for the upcoming Watershed Hub Stakeholder Webinar, and the best way to foster a discussion about how the region can collectively address recent rain and flooding events. The meeting closed with a discussion about the future composition and focus of this workgroup, and strategies for engaging and improving understanding between both wastewater and stormwater-focused stakeholders. The next Watershed Hub Work Group event will be the Stakeholder Webinar which will take place on August 26, 2021.

PLANNING SERVICES (continued)



The Water Analytical Work Group (AWG) met on July 20, 2021, to hear a status update on the Units of Service and System Water Audit Phase 3. To learn more about this project, check out the System Analytics and Meter Operations portion of this report. Eric Griffin, Energy Manager for GLWA, presented an overview of the organization’s energy program comprised of six focus areas: power quality metering, energy efficiency, energy costs, energy database, energy analysis and reporting, and DTE liaison.

The CIP Work Group held its first workgroup meeting since Dima El-Gamal joined GLWA as the CIP Director. Ms. El-Gamal kicked the meeting off by sharing her background, what drew her to join GLWA, and described her vision for the future of the CIP group. She and Donal Barron of AECOM shared an update on the CIP development schedule, as well as the Capital Program Management tasks.

July 2021 Member Outreach Meeting Attendance	
Meeting	# Attended
Regional Collaboration Group (7/8)	13
Watershed Hub Work Group (7/13)	16
Water Analytical Work Group (7/20)	60
CIP Work Group (7/27)	45

Systems Analytics and Meter Operations Group (SAMO)

As part of the Units of Service and System Water Audit, Phase 3 project, GLWA's System Analytics & Meter Operations, held a virtual workshop for Member Partners on Non-Revenue Water Benchmarking on August 18, 2021. The workshop was led by consultants from Black & Veatch, nationally recognized experts in water auditing, using the American Water Works Association's (AWWA) recommended water audit method as their framework. The workshop introduced the AWWA Water Audit Methodology and a demonstration of how to complete the AWWA Free Water Audit Software. All aspects of the water audit were addressed in this three-hour workshop, with an emphasis on how to use the performance indicators within the software to guide non-revenue water management strategies to improve system efficiency.

In June 2021, the Units of Service and Water Audit project started a series of technical meetings with City of Dearborn and City of Detroit teams to vet the viability of the “Transmission Main Metering Concept”.

The technical team meets on a bi-weekly basis. If the technical team meetings end with the concept being viable, GLWA will present it at an AWG meeting to receive feedback from other GLWA member partners.

PLANNING SERVICES (continued)

The Greater Detroit Regional Sewer System portal was successfully migrated from Google Maps to ESRI maps. GLWA is already licensed for ESRI. This migration will prevent additional charges from incurring. It will also provide access to the most current map data, such as sewer trunks and interceptors.

The Wholesale Automatic Meter Reading system database was upgraded to Oracle 19c. This will provide faster performance and improved security.

The Group continues its progress working on wholesale water meter pit rehabilitation and meter replacement program. The scope of work for the current contract GLWA-CON-285 includes construction work at 58-meter pits with metering and/or meter pit condition concerns. Although this is a program whereby it will continue in perpetuity, the target substantial completion date of this particular contract is November 2021. A similar contract, Phase II, is in the works to rehabilitate and upgrade meters at another 55-meter pit after the conclusion of GLWA-CON-285. After completing a review of existing records, a priority list of sites was created and from that list, 55 sites were selected. A scope of work has been prepared and is scheduled to be advertised in the last quarter of 2021.

WASTEWATER OPERATING SERVICES

Wastewater Operations

Water Resource Recovery Facility (WRRF) operations complied with the Water Quality Standards for the month of July 2021 except for the following violations.

- There were three fecal coliform limit exceedances at the following CSO's on the following dates: Leib CSO, July 16, event average count 1530/100 ml; St. Aubin CSO, July 16, event average count 675/100 ml; Conner Creek CSO, July 20, event average count 1691/100 ml. The limit at all three of these CSO's was 400/100ml.

One laboratory error resulted in a violation. Influent CBODs (carbonaceous biochemical oxygen demand) were below detection for July 8, so no percent removal calculation could be done

Maintenance

Due to the severe storms from the end of June through July, the maintenance staff at the WRRF has been focused on storm recovery. As an example, due to the volume and composition of grit that entered the plant, the drive sprocket for the north grit flight broke which limited the ability to remove grit from half of Pump Station 1.

WASTEWATER OPERATING SERVICES (continued)

The Primary Team, utilizing every available resource, was able to get a replacement sprocket fabricated and installed within a week, restoring the grit flight to service while minimizing the impact of grit in downstream components and processes. The team has also ordered additional sprockets from the fabrication shop to minimize downtime if this failure occurs again.

The broken drive sprocket and the primary team installing the new, more resilient, drive sprocket.

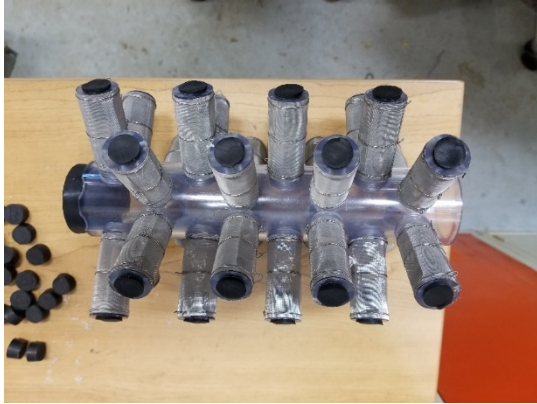


Additionally, the Residual Team Silo #5, maximized the reliability of incineration during a period of high solids inventory. The team was able to determine that the replacement bags that were ordered for the ash silos were manufactured differently than required and would not stay in place when put under vacuum. The team has replaced all the bags with those of the right size and is currently looking into vendors who can provide the correct sized bags to avoid this problem in the future.



Ash Silo #5 before the bag replacement and after the bag replacement and clean-up. The silo has been functioning as expected and designed since the bag replacement.

WASTEWATER OPERATING SERVICES (continued)



*A magnate bioreactor under fabrication
by GLWA Team Members*

The Central Maintenance crew has been busy building a second Magna Tree bioreactor digester for the Hydrothermal Liquefaction recycle system. The Central Maintenance Team has been innovative in helping to make Research and Innovation lab processes more efficient with in-house design and build services.

Our Asset Management team is working closely with DTE and our vendors to test and energize our equipment for the facility to receive the third feed to the facility. The Asset Management Team has been instrumental in establishing a vigorous testing sequence to assure that the third feed and all

associated equipment will be available in the event the third feed is necessary for operations. The testing strategy has identified several programming items that must be corrected to assure a reliable and responsive system. The programming effort is currently underway.



H-Frame with third 120,000V power source to the WRRF

WASTEWATER OPERATING SERVICES (continued)

Process Control Center (PCC)

The Process Automation and Control System (PACS) Team worked on the following control system tasks:

- The St. Aubin SCADA Interface and Panel Installation at Outfall was closed out. As project managers, the team replaced the existing obsolete control panel and wiring.
- Elevations were added to the Rockwell and Ovation graphics for the Hubbell-Southfield CSO. The existing level instruments were displayed as a distance from the sensor face to the liquid surface. These points were converted to elevation using the correct Detroit Datum offset.
- Under CON-238 Chlorination and Dechlorination Improvements, the team programmed and tested Dechlorination Injector Valve 1 control to reuse control wires from the old Injector Valve #6 instead of old #7 and completed wiring the V-Notch Valve Position into the Programmable Logic Controller (PLC).
- Rockwell patches were installed on all Rockwell PCs and servers at the WRRF and CSO facilities.
- Connected Component Workbench (CCW) V.12 for managing drives was installed on RA-WS1, RA-WS2, RA-WS3, RA-WS4, and PCC-LAPTOP05. This software is used to monitor and configure the Rockwell Variable Frequency Drives (VFD)
- The Hubbell-Southfield Human Machine Interface (HBS-HMI) FT Server was rebuilt. This server is used by operations to monitor and control the process at the Hubbell-Southfield CSO Facility.
- We reassigned RSLogix5000 licenses to v.26 instead of v.32 and v.33. RSLogix5000 is the software used to configure the Rockwell PLCs. Reassignment of the licenses eliminated the expense of procuring additional licenses.
- Six Uninterruptable Power Supplies (UPS) were replaced. These devices provide alternative power for the control system to maintain operations during power outages.

Laboratory

The WRRF Lab is initiating Root Cause Analysis for fecal testing to eliminate NPDES violations in our area.

5S training has now been completed in seven out of nine identified areas in the laboratory.

WASTEWATER OPERATING SERVICES (continued)

Industrial Waste Control (IWC)

A Unilateral Administrative Order was issued on December 4, 2020, to 15 businesses and landowners residing within the City of Melvindale who were designated as the sources of PFAS compound contamination. Users were granted until April 30, 2021, to complete their plans and/or terminate their stormwater discharges. GLWA scheduled administrative hearings for August 2021. However, in late July, our hearing officer requested alternate dates due to changes in his schedule, and the parties were notified of the alternate dates. In the meantime, we have initiated Settlement Conferences the week of August 23rd with the applicable parties.

Engineering & Construction

Design Engineering

Following a recent fire that affected some belt conveyors, insurance company AXA recommended the installation of sprinklers over the belts. An RFP was developed to perform an engineering study of such recommendation and their impacts on the conveying and incineration operations. Bids have been received, and it is in the award process.

Construction Engineering

Rehabilitation of Various Sampling Sites and Pump Station No.2 Ferric Chloride System project at GLWA Water Resource Recovery Facility was awarded to Commercial Contracting Corporation with a start work date of February 18, 2019. Work is progressing on this important project. This Contract is composed of two packages: A and B as follows.

Package “A” includes:

- The rehabilitation of 12 sampling stations at the Water Resource Recovery Facility.
- The installation of two new phosphorus analyzers; one to determine the level of soluble phosphorus at the primary effluent prior to entering the aeration tanks, and another analyzer to check the total phosphorus prior to discharging to the Detroit River Outfall (DRO) and Rouge River Outfall (RRO).

WASTEWATER OPERATING SERVICES (continued)

Package “B” includes:

- The replacement of existing Ferric Chloride Tanks and associated transfer and feed pumps at Pump Station No.2.

Package B redesign was issued to the Contractor on April 30, 2020, and the Contractor is currently working on finishing up ultrasonic sensors, limit switches, heat traces, insulation, and tie-in controls to ovation. A feed pump skid inside the Chemical Room submittal has been approved as noted and is in the fabrication process.



ML-1 (training building) at WRRF

Package A redesign has been completed and Change Order No.2 was issued to the Contractor on March 17, 2021.

The Contractor is currently working on multiple sampling locations. Some highlights are: ML-1 (Training building): Working on demo inside the building, primed and painted exterior.



Ferric Chloride tanks and associated pipes, electric and controls, platform and rails



C2E Sampling Site at WRRF

- C2E: Progressive mechanical is working on plumbing for C2E-3 sampler.

WASTEWATER OPERATING SERVICES (continued)

A design build contract for incineration complex 2 fire repairs project at GLWA Water Resource Recovery Facility was awarded to Commercial Contracting Corporation with a start work date of June 16, 2021. The final completion date is June 15, 2023. The contract amount is \$2,587,000.00.

The scope of work of this contract includes all work to repair damage arising from the September 20, 2020, fire that occurred at Incineration Complex II within the Great Lakes Water Authority's (GLWA) Water Resources Recovery Facility (WRRF). The fire damage to be repaired generally includes smoke and soot damage to the upper portion of the wall around the entire building and the ceiling above the upper floor (including light fixtures, conduit, piping, ductwork, monorails, and other items located at or below the ceiling), as well as fire damage to a portion of the south wall panels and insulation. The Contractor is currently working on the detailed cost breakdown, baseline schedule, submittal schedule, safety plan and other submittals.

CSO Control Program

The CSO Team is working on the following projects:

CSO Facilities Generator Improvements. This project will be provided to Procurement in July 2021 for bids. This project is estimated to cost over one-million dollars, and therefore we will perform a standard RFB (request for bid) for this project. This project is now advancing, and we anticipate providing bidding documents to Procurement in September 2021.

Oakwood HVAC Improvements. The project is currently in the submittal phase and at this time is expected to finish in the contract allotted time of 12 months for substantial completion.

Conner Creek Dike Improvements. This project is in a submittal phase, although some work has occurred. Phase 1 construction of clearing the dike of trees and vegetation has occurred, and the contractor is working to investigate a sewer that was abandoned, but records of it are not readily available from DWSD. Steel used for the sheet steel cutoff wall is also suffering impacts related to the pandemic, and the contractor is presently working through supply chain issues. Currently, we believe an acceptable alternative is in place, and there are no schedule risks to the project.

Baby Creek Chemical Tanks Relining. The third chemical tank was relined and put back into service. The contractor is presently performing the final tank relining. We anticipate completion of all work at the end of August 2021.

Leib Outfall Conduit Modifications. This project was completed and is in the closeout stages.

WASTEWATER OPERATING SERVICES (continued)

Hubbell Southfield Hanger Replacement. This project is nearing completion of the replacement of select hangers in the Hubbell Southfield Facility that had failed. A larger project, Contract 2100136, which will replace all remaining hangers, is currently in Procurement for standard RFB, and we anticipate advertising in August or September 2021.

Conner Creek Conveyor and Instrumentation Improvement Task. This task will make safety modifications to the Conner Creek Conveyor and also add a river level sense at the end of the basin. This project was advertised, and a pre-bid meeting was held the last week of July 2021. Bids were due mid-August 2021, and we anticipate the award occurring the first or second week of September 2021.

2021 Consolidated Annual Report. The report was completed and submitted earlier this year, and final tasks are being wrapped up for evaluation tools and DMR tools to assist operations in submission of the discharge monthly reports (DMRs). We anticipate closing this project out by the end of October 2021 to allow time for the tools developed to be tested and refined.

Wastewater Emergency Mapping Project. To date, the draft maps for all of the CSO Facilities has been reviewed and are in stages of final completion. The WRRF maps have nearly all been generated and are in various states of GLWA review. This project is estimated to be completed by the end of October 2021. Once all maps are approved, they will be printed and then mounted in appropriate areas at all of the affected facilities.

CSO Facilities Assessment Project. This project is anticipated to have all major tasks associated with the Facilities Assessment completed in September 2021. The draft CIP was informed with projects from CS-299 to resolve identified needs. The Schedule Replacement Plan is being discussed to determine how to best renew or replace CSO assets in the future as their condition or performance requires.

The following projects are with Procurement for advertisement:

- St. Aubin Chemical System and Screening Improvements – Design Services.
- Baby Creek Outfall Improvements Design/Build Project.
- CSO Facility Improvements Project – For Oakwood and Leib CSO Facilities – Design Services.

WATER OPERATIONS

Certificate of Excellence

The U.S. Environmental Protection Agency (EPA) requires that each drinking water laboratory must successfully complete proficiency testing on an annual basis to maintain certification status as a drinking water laboratory. The Water Quality laboratory received the "Certificate of Excellence" for getting acceptable values for all proficiency testing samples.

The certificate of achievement was issued by an acceptable supplier. This laboratory has been recognized as a Laboratory of Excellence for achieving 100% acceptable data in this study, which included 175 participating laboratories. This achievement is a demonstration of the superior quality of the laboratory in evaluation of the standards listed below:

- Hardness
- Inorganics
- Metals
- Nitrite

This is a great achievement for the Water Quality laboratory. All of the Water Operations laboratories are certified and, therefore, share in the successful completion of the proficiency testing requirement on an annual basis at different times during the year.

Springwells Water Treatment Plant

Chlorine Scrubber Media Replacement

The chlorine scrubber system is an important safety element in mitigating the risk of a chlorine release in the chlorine storage room of the facility. To make sure our system was able to handle a potential release, the scrubber media was replaced as a part of the proper maintenance of the system.

The original scrubber was installed under contract SP-552 when the current chlorine storage room and chlorine feed system was constructed. After 20 years in service, testing by the media provider began to indicate a need to replace the media. A request for bids was put out for the replacement of the media, and it was awarded under Contract No. 2004190.

On July 20, the contractor mobilized on site, and was able to remove the old media and install the new media within a 12-hour period. The old media was vacuumed out, and the new media dropped in from above. While this work took place, the chlorine system at Springwells was placed in standby, and Water Works Park increased the chlorine feed to the raw water tunnel to ensure that proper disinfection was provided during the installation. This was done to avoid feeding chlorine while the scrubber was unavailable.

WATER OPERATIONS (continued)

Water Works Park Water Treatment Plant

Chlorine Leak Response Drill

Doing mock emergency drills is a training tool that enables our team members to be ready for an actual emergency. A Chlorine Leak Response Drill was conducted on July 23, 2021, at Water Works Park Treatment Plant (WWP). The drill included full Level A HAZMAT donning and making B-Kit repairs to a mock leak on a one-ton chlorine cylinder.

Five (5) team members were active participants in the drill. Reginald Bryant (team leader), was the Incident Commander. Reginald Hammond and Brandon Ross (maintenance technicians), Kevin Haywood (chemist), and Abiodun Kayode (water technician) took turns as entrants and standby personnel. Outside the Chlorine Room as observants to the drill were, Reginald Woodson, Peggy Kellie, and Brandon Koller (maintenance technicians) and Trista Meyer (water technician). After the drill, the team gathered in WWP's Training Room to discuss performance of the drill and identify possible areas of improvement.



Pictured left to right:

- *Figure 1: Preparation for entry. Area outside of Chlorine Room*
- *Figure 2: Staff searching for the source of the chlorine leak in the Chlorine Room.*
- *Figure 3: Source of the leak located.*
- *Figure 4: Abatement of the chlorine leak with B-Kit.*

Preparing Water Treatment Processes for High Water Demand and Hot Weather

Water Works Park optimizes its plant process to maintain high quality water during the period of high-water demand or during peak season which is generally during the hot weather months (June to August). Maintenance is performed on chlorine and ozone systems. All six flocculation and sedimentation basins have been cleaned and are in service. The filters are power washed to clean the filter bed and wall.

Ozone is the primary disinfectant, and it is applied after coagulation, flocculation, and sedimentation and before filtration. However, chlorine is added at Low Lift before the water enters the plant to obtain a free chlorine residual of 0.2 mg/L before coagulation.

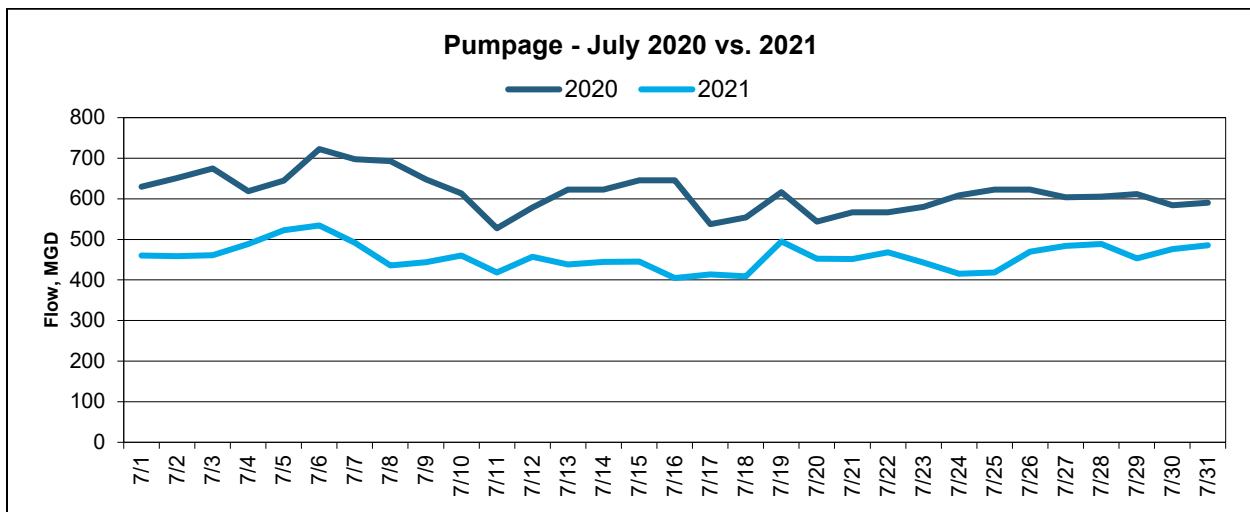
WATER OPERATIONS (continued)

The addition of chlorine helps to control the load of microorganisms entering the plants, and to control algae growth in the sedimentation basins.

Data from the distribution samples show that the addition of chlorine to the raw water, before treatment, does not produce disinfection byproducts such as total trihalomethanes. Because the rate of dissipation of chlorine is higher during the hot season, a free chlorine concentration of 1.0 mg/L to 1.20 mg/L is maintained when the water leaves the plant to ensure a minimum residual chlorine concentration of at least 0.2 mg/L is achieved at the very end of the distribution system, as required by regulation.

Systems Control Center (SCC)

2021 July pumpage was 25.5% less than 2020 July



Engineering

Contract No. 1900744

“Reservoir Rehabilitation Construction Contract at Imlay Station, Lake Huron, Springwells and Southwest Water Treatment Facilities”

GLWA Project Manager: John McCallum

The reservoir rehabilitation program returned three reservoirs to service this spring: Imlay Booster Station, Springwells No. 3, and Southwest No. 3. During this upcoming low demand season, the program will be taking another three reservoirs out of service. Additionally, a new Engineering contract will be kicked off this winter under CIP 170802 to inspect and rehabilitate another sizable block of reservoirs going out to year 2026.

WATER OPERATIONS (continued)



Pictured left to right:

- 1. Imlay Booster station rehabilitation completed*
- 2. Southwest Water Treatment Plant Engineer Shakil Ahmed inspecting the new steel that was installed to support the roof of the reservoir.*
- 3. Stop log being removed at Springwells WTP Reservoir #3. This is the last step required before the reservoir is opened up to the system*
- 4. Interior of the freshly renovated and painted Southwest Water Treatment Plant reservoir*

Facility Operations

GLWA's New Water Truck

As a part of the after action debriefs for the 2017 14 Mile Road water main break, a member partner posed the question as to why GLWA did not have their own way of distributing water to residences during an emergency. After a thorough evaluation of options, we proceeded to incorporate three 2,000-gallon water trucks.



INFORMATION TECHNOLOGY

In the past month, the IT Security team has proactively blocked or thwarted 10,094 spam messages, 8,809 spoofed messages and 4 viruses. Additionally, 3,971 phishing attempts have been caught and 69 malware attempts have been blocked.

The IT Security team along with the IT Customer Service Delivery team finalized a strategy for deploying multi-factor authentication for Office 365. The IT security team has also identified a vendor for a third party vulnerability assessment on the business and security networks. The new anti-virus solution has been deployed to all desktops. We are now developing a configuration strategy for the clients to continue the zero impact to all end users.

INFORMATION TECHNOLOGY (continued)

The IT Business Productivity Team, IT Project Management Organization, Financial Services Area, and Organizational Development Group completed their evaluation of a replacement for GLWA's HR and financial systems. These will be replaced with an integrated enterprise resource planning system (ERP). Many GLWA team members within IT, Financial Services, Procurement, and Organizational Development participated in four vendors' demos in order to provide their input into the selection and to improve their understanding of the prospective ERP systems as part of the change management process for the implementation. The vendor that GLWA will enter into negotiations with is Alight, which will assist GLWA with the implementation of Workday.

In addition, the IT Business Productivity Team continued multiple efforts to implement and streamline systems to strengthen GLWA's processes, including:

- ✓ Configuring and working with end-users on storing check stubs in GLWA's record retention system, OnBase.
- ✓ Upgrading the infrastructure that supports GLWA's Member Outreach Portal.
- ✓ Supporting GLWA's General Counsel with establishing processes for the receipt, management, and responses to sewer claim submissions.
- ✓ Enabling GLWA's Public Affairs Group to send high priority text messages to GLWA team members without needing to rely on IT for this service.

The IT Infrastructure team continues to progress in the effort to draft the business case and Statement of Work (SOW) for Phase 2 of the Datacenter Modernization Program. Phase 2 consists of multiple projects that include cloud migration, file share appliance replacement and backup platform replacement. A new backup platform has been purchased and a deployment plan has begun to be developed that will enhance our ability to back critical data on the business and security networks to a cloud solution. In addition to moving forward with the on premise backup solution, the Infrastructure team is moving rapidly to ensure that the entire O365 platform is also backed up.

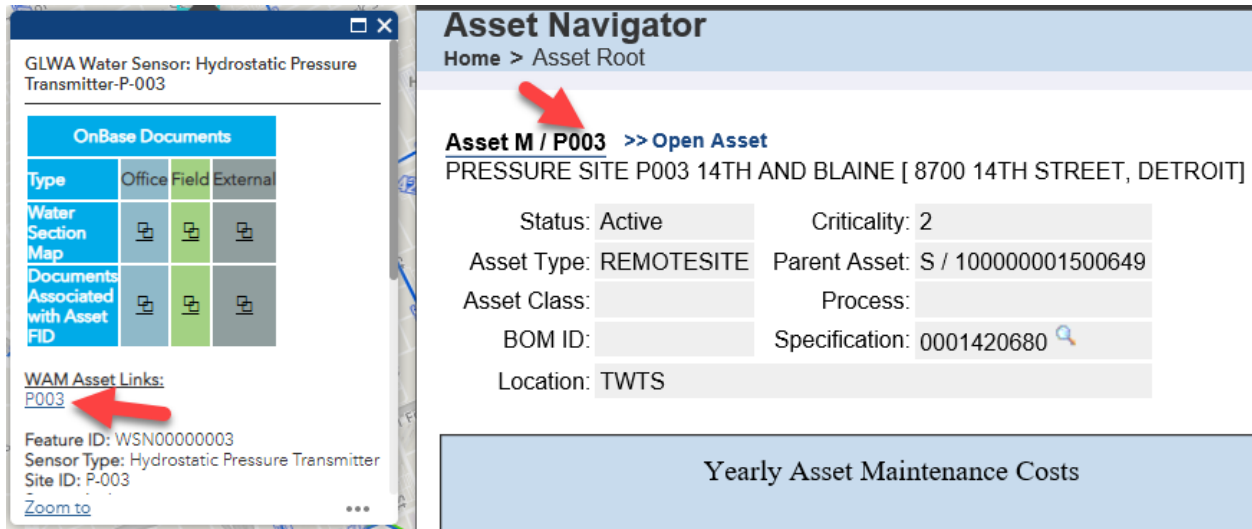
The IT Enterprise Asset Management Systems Team, along with the Enterprise Asset Management Group and Procurement, continues negotiations with the selected vendor, NEXGEN, for the new Enterprise Asset Management (EAM) system. Negotiations will be wrapped up over the next couple of months. The EAM system implementation kickoff will be soon thereafter.

The IT Enterprise Asset Management Systems Team, along with the Enterprise Asset Management Group, developed a simple interface between GIS mapping of GLWA's water and sewer systems and Work and Asset Management (WAM) system.

INFORMATION TECHNOLOGY (continued)

This interface allows team members to open WAM assets directly from GIS map applications by clicking on an asset and then a link within the pop-up. The added functionality streamlines the access of data between GIS and WAM systems prior to the implementation of GLWA's next Enterprise Asset Management (EAM) system.

Currently, the IT PMO is managing 29 active projects and is processing 14 project requests.



GIS and WAM Asset Interface streamlines access of data between the Mapping and Enterprise Asset Management systems

PUBLIC AFFAIRS

Interim CEO Introduction Videos

The Public Affairs team produced two videos to allow new Interim CEO Suzanne R. Coffey to introduce herself to GLWA team members, as well as our member partners. The internal video speaks to the great work the GLWA team already does and her hopes of how that will continue. The external video speaks to the spirit of collaboration that has been built with member partners across southeast Michigan and how Suzanne intends to continue this One Water approach to drive the utility forward.

Click [HERE](#) for the internal video.

Click [HERE](#) for the external video.

PUBLIC AFFAIRS (continued)



GLWA Five-Year Anniversary Video

The Public Affairs team released a new video highlighting GLWA’s first five years of operations. The video uses a timeline format to highlight significant events in GLWA’s history from its stand-up in 2016, all the way to the ongoing response to the coronavirus pandemic which began in 2020. The video also thanks all of our GLWA team members for their continued commitment to delivering water of unquestionable quality and safe and sanitary wastewater treatment to the people of southeast Michigan.

Click [HERE](#) to watch the video.



PUBLIC AFFAIRS (continued)

Severe Weather Alerts

To help our member partner communities and the general public be better informed about upcoming severe weather, GLWA has begun distributing severe weather alerts. The alerts also allow the Authority an opportunity to inform the public about how the regional collection system is functioning in advance of inclement weather.

Team Members Recognized by MI-AWWA

Two GLWA team members have been recognized by the Michigan Section of the American Water Works Association (MI-AWWA). They will be formally recognized by MI-AWWA in September at their association's annual conference and exhibition.

Water Works Park Plant Manager Andrae Savage won the Professional Excellence Award. The award honors individuals, organizations, companies, project teams, or any other individual or group who made an exceptional contribution to the water industry. This award recognizes noteworthy efforts in protecting public health, promoting safe drinking water, innovative or creative ideas, or outstanding leadership characteristics.

Water Operations Maintenance Manager Jeffrey Dorsey has been recognized with the Operator Meritorious Service Award. This award recognizes individuals for special performance in several areas including compliance with public health standards in finished water, consistent and outstanding contribution to plant maintenance, development of new and/or modified equipment or significant process modifications to provide for a more efficient or effective treatment, and special efforts in the training of treatment plant operators, among many others.

Great job, Andrae and Jeff!

Water Quality Month

August was National Water Quality Month and the Public Affairs team highlighted this with a series of social media posts and slides played in facilities on the REACH monitors. The social media campaign focused on collaboration with our member partner communities throughout southeast Michigan. The REACH slides highlighted GLWA's Water Quality team and gave some facts about the important work they do to produce water of unquestionable quality.

Open Enrollment Campaign – Team Member Photos

Public Affairs has once again teamed up with Organizational Development to help prepare for the upcoming Open Enrollment. Public Affairs has gathered photos of team members for use in the 2022 One Water Wellness Open Enrollment Guide. The photos help show how GLWA's health and group benefits support the time spent with our loved ones.

SECURITY AND INTEGRITY

The Hazmat Unit coordinated and completed a total of 151 hours of training during the month.

The Security and Integrity Group continues participating in the daily Emergency Operations Center’s ongoing COVID-19 Pandemic briefings and has begun attending meetings that are hosted by the State of Michigan for Southeast Michigan’s Aging Infrastructure. These meetings bring together various partners throughout the region to discuss responses to this summers flooding.

Lastly, the Group has continued the process of updating the 2021 Emergency Response Plan for GLWA.

ORGANIZATIONAL DEVELOPMENT

Apprenticeships

During the month of August, the Electrical Instrumentation and Control Technicians – Electrical (EICT-E) apprentices rotated to their new assignments. These apprentices also submitted their annual apprenticeship registration renewals to the City of Detroit and the State of Michigan. During their Related Training Instruction, the EICT-E apprentices learned how to analyze RL, RC, and RLC series circuits and continued to learn about AC Theory.

Performance

The annual Baseline Goal Planning Review is in progress. Leadership Team Members are meeting with their respective team members to establish and review goals for FY22.

Talent Management

Staffing

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

Number of New Hires	7
Number of Separations	2
Total Staffing - Regular FTEs (YTD)	1003

Benefits/Wellness

During the month of August, GLWA announced that it is kicking off Fall with a new 61-Day Challenge. Organizational Development’s One Water Wellness Team is hosting a wellness challenge to promote healthy living to all team members. This time the 61-Day Challenge is easier than ever. Team members choose a wellness goal to complete in 61 days or try a different wellness activity each day or each week. Team members set an individual goal or work with a group.

ORGANIZATIONAL DEVELOPMENT (continued)

The Financial Literacy Series is in progress. The session for August focuses on the basics of a Roth IRA. Roth IRAs have become popular retirement savings vehicles. The session will help team members determine if a Roth IRA is right for their retirement planning goals.

Training

During the month of **July**, **318** GLWA team members completed **12** non-safety courses and **18** safety courses. Also, **7** GLWA team members completed **16** online 360Water courses.

FINANCIAL SERVICES AREA

July 2021 Audit Committee Recap

- ✓ The most recent Audit Committee meeting was held on Friday, July 23, 2021. The GLWA Audit Committee binders are publicly available at www.glwater.org. The meeting included the following topics.
- ✓ Discussion regarding new rate and term options available for GLWA under the State Revolving Fund loan program.
- ✓ Introduction of the FY 2021 annual financial audit schedule.
- ✓ Review of the General Retirement System Financial Report and Annual Actuarial Valuation for the year end June 30, 2020.
- ✓ Presentation of the April 2021 Monthly Financial Report (Executive Summary attached).
- ✓ Updates on monthly Business Inclusion and Diversity program activities.
- ✓ Review of the Quarterly WRAP Report for the period ending June 30, 2021.

FINANCIAL SERVICES AREA (continued)

Vendor Outreach Update

On August 12, 2021, Megan Torti and Michael Lasley participated in a virtual Meet the Buyers event hosted by Pure Michigan Business Connect (PMBC) in collaboration with the Flint & Genesee Economic Alliance Procurement Technical Assistance Center (PTAC) and the Saginaw Future PTAC. Over 60 vendors attended the event which included an hour-long webinar on “How



to do Business with the Government” featuring speakers from the Saginaw Future PTAC, the Michigan Minority Supplier Development Council (MMSDC), and the National Veteran Business Development Council as well as a keynote address from the Chief Procurement Officer for the State of Michigan.

Individual breakout sessions followed the webinar where vendors had the opportunity to learn about doing business with each of the government or public buyers present. GLWA presented alongside the State of Michigan, Saginaw Public Schools, the Michigan Department of Transportation (MDOT), Amtrack, Consumer’s Energy, the Defense Logistics Agency (DLA), and the Tank Automotive and Armaments Command (TACOM). In their presentation on “Doing Business with the Great Lakes Water Authority,” Megan and Mike discussed navigating GLWA’s Bonfire Procurement Portal, the Business Inclusion and Diversity (B.I.D.) Program requirements, and helpful information on how to submit a complete and competitive bid or proposal response to any GLWA solicitation. As always, GLWA welcomed the opportunity to connect with the vendor community. A warm thanks to the PMBC, Flint & Genesee Economic Alliance PTAC, and the Saginaw Future PTAC for hosting!

WRAP Connections

On Saturday, August 7, 2021, Marjon Parham from the Transformation Team attended the Oakland Livingston Human Service Agency (OLHSA) Community Open House. At this event attendees had the opportunity to learn about all the community programs offered at OLHSA. **GLWA Water Residential Assistance Program (WRAP)** also had a vendor table where attendees could learn about the WRAP benefits, ways to qualify and schedule an appointment with WRAP Outreach Navigator, Teresa Freeman.

GLWA WRAP’s mission is to administer the distribution of WRAP funding to eligible, low-income households in GLWA service areas with a vision to create a transformative water utility assistance program focusing on bill assistance, conservation, and self-sufficiency initiatives.

FINANCIAL SERVICES AREA (continued)



*OLHSA Team: Barbara Jackson, Deputy Director/
Program Manager and Susan Harding, CEO*



Teresa Freeman, WRAP Outreach Navigator, OLHSA

Procurement Pipeline

The August 2021 Procurement Pipeline edition is attached. This month features tips on attending pre-bid/proposal meetings for GLWA solicitations and submitting questions in Bonfire, an update on visitor requirements, details on upcoming vendor outreach events, and a listing of current procurements and upcoming solicitations.

The General Counsel's August Report is an attachment to the Interim Chief Executive Officer's Report.

Respectfully submitted,

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

SFM/dlr

Attachments

- Financial Report Executive Summary
- Procurement Pipeline
- General Counsel's September Report



Key Financial Metrics

The table below provides key report highlights and flags the financial risk of a budget shortfall by year-end as follows:

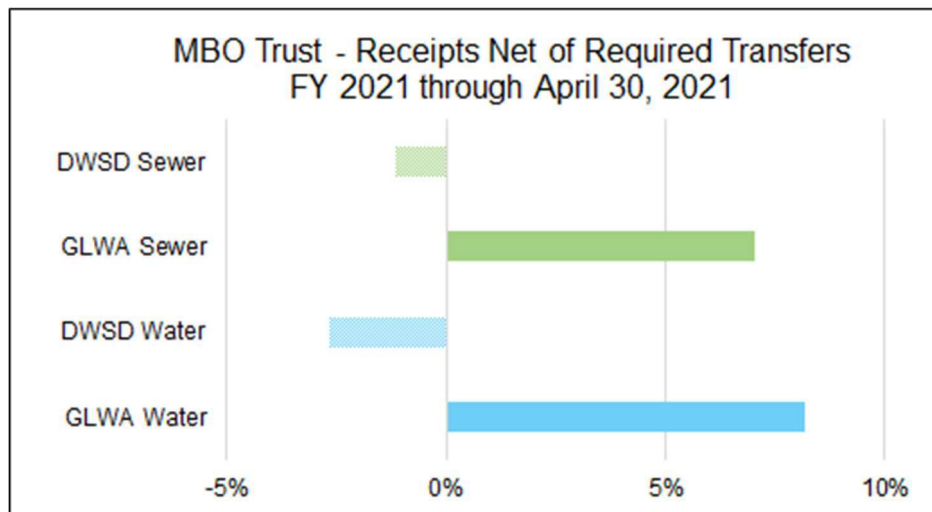
No Risk (green) - Potential (yellow) - Likely (red)

Each variance is monitored by the Great Lakes Water Authority (GLWA) management and, where appropriate, operating and/or budget priorities are re-evaluated. Budget amendments are prepared and presented quarterly based on most current information.

As of April 30, 2021				
Metric	FY 2021 Budget	FY 2021 Actual	Variance from Financial Plan	Report Page Reference
Wholesale Water Billed Revenue (\$M)	\$261.8	\$267.7	2%	47
Wholesale Water Billed Usage (mcf)	11,146,000	11,653,000	5%	
Wholesale Sewer Billed Revenue (\$M)	\$224.5	\$224.5	0%	49
Wholesale Water Operations & Maintenance (\$M)	\$111.8	\$100.8	-10%	6
Wholesale Sewer Operations & Maintenance (\$M)	\$151.9	\$134.4	-12%	
Investment Income (\$M)	\$5.8	\$6.2	8%	37
Water Prorated Capital Spend w/SRA* (\$M)	\$92.0	\$107.0	16%	28
Sewer Prorated Capital Spend w/SRA* (\$M)	\$69.0	\$72.0	4%	29

*SRA refers to the capital spending ratio assumption which allows capital program delivery realities to align with the financial plan.

Master Bond Ordinance (MBO) Trust Net Receipts (page 52)



Net cash flow receipts remain positive for GLWA Water and Sewer. This means that all legal commitments of the MBO Trust and the lease payment are fully funded – and that positive cash flow is available for additional capital program funding in

subsequent year(s). DWSD Water and Sewer report shortfalls of \$2.2 million and \$2.7 million respectively through April 2021. By monitoring collections and expenses, the DWSD management had a plan in place by April 2021 to end FY 2021 with positive net cash flows. As a post-script to this monthly report, the cash flow shortfalls for FY 2020 and FY 2021 were resolved by June 30, 2021.

The current DWSD loan receivable balance for fiscal years 2017 and 2018 is \$11.4 million.

Budget to Actual Analysis (page 3)

- The third quarter budget amendments which were approved by the GLWA Board on May 26, 2021 are reflected in the FY 2021 Amended Budget columns on the tables in the April 2021 Budget to Actual report. The fourth quarter budget amendments will be included in the May 2021 report.
- The total Revenue Requirements are on target through April 2021.
- The total Operations & Maintenance expenses are at 74.3% of budget through April 2021 which is reasonably within the pro-rata benchmark of 83.3%.

Basic Financial Statements (page 10)

- The Basic Financial Statements are prepared on a full accrual basis and reflect preliminary, unaudited results.
- Operating income for April 2021 is \$81.3 million for the Water fund (28.4% of total revenues) and \$131.6 million for the Sewer fund (33.4% of total revenues).
- Water Net Position decreased by \$6.7 million, and Sewage Disposal Net Position increased by \$32.1 million for the year to date through April 2021.

Capital Improvement Plan Financial Summary (page 27)

- The Water and Sewer system activity are both exceeding the 75% Capital Spend Ratio assumption.

Master Bond Ordinance Transfers (page 30)

- For April, transfers of \$12.8 million and \$17.6 million were completed for the GLWA Water and Sewer funds, respectively.
- Also for April, transfers of \$4.5 million and \$8.1 million were completed for the DWSD Water and Sewer funds, respectively.

Cash Balances & Investment Income (page 36)

- Total cash & investments are \$508 million in the Water fund and \$482 million in the Sewer fund.
- The total combined cumulative investment income for FY 2021 through April is \$6.2 million.

DWSD Retail Revenues, Receivables & Collections (page 41)

- Water usage through April 30, 2021 is at 93.40% and revenues at 94.41% of budget.
- Sewer usage through April 30, 2021 is at 95.23% and revenues at 99.49% of budget.
- Combined accounts receivable balances for the water and sewer funds report an increase of \$25.7 million over the prior year.
- Past dues over 180 days make up 65.6% of the total accounts receivable balance. The current bad debt allowance covers 100% of past dues over 180 days.

GLWA Wholesale Billing, Receivables & Collections (page 46)

- GLWA accounts receivable past due balance net of Highland Park is less than 4.0% of the total accounts receivable balance.
- The Highland Park past due balance is \$47.4 million. It includes \$36.1 million for wastewater treatment services, \$1.8 million for industrial waste control services, and \$9.5 million for water supply services. In FY 2021, Highland Park has made five payments totaling \$2.8 million through April 2021.

Questions? Contact the Office of the Chief Financial Officer at CFO@glwater.org

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

Procurement Tip of the Month: Attending Pre-Bid/Proposal Meetings for GLWA Solicitations and Submitting Questions in Bonfire

When deciding to submit a response to a GLWA solicitation, Procurement strongly encourages all vendors to attend the Pre-Bid or Pre-Proposal meeting for that solicitation for several reasons.

- ✓ Vendors can learn more about the project from the GLWA Project Manager as well as better gauge if it is a fit for their business.
- ✓ Vendors can learn about other vendors who are interested in submitting a response. Prime vendors who are seeking qualified subcontractors, or smaller businesses who seek to partner with a larger firm, may discover “matchmaking” opportunities. An attendance list for all Pre-Bid/Proposal meetings is always published afterwards as an addendum in Bonfire.
- ✓ For any solicitation that qualifies for GLWA’s Business Inclusion and Diversity (B.I.D.) Program, a Procurement representative will review the B.I.D. Program requirements and answer any questions vendors may have.

In addition to Pre-Bid/Proposal meetings, each GLWA solicitation also has a “Question and Answer Period.” During this period, vendors may submit questions they have related to the project by the deadline noted in the Bonfire project page. These questions are then answered in an addendum which ensures that all vendors receive the same information, and that the solicitation process remains fair and transparent for all participating.

To learn more about any upcoming Pre-Bid/Proposal Meetings, or to submit a question regarding a GLWA solicitation, please visit [GLWA’s Bonfire Procurement Portal](#). Any further questions on these topics may be directed to the GLWA Buyer of Record associated with the solicitation.

Reminder: Visitor COVID-19 Badged Access Requirements Remain in Effect Until 9/1/2021

GLWA’s Visitor COVID-19 Access Requirements and Safety Protocols are in effect until September 1, 2021. For a detailed overview of the mandatory access requirements and safety protocols for all visitors to GLWA facilities and project worksites, please carefully review [Coronavirus Update #130](#) which is available on the [GLWA Vendor Webpage](#). Any additional questions regarding GLWA’s Visitor COVID-19 Access Requirements may be directed via email to [Michael Lasley](#) and [Megan Torti](#).

Virtual Introduction Meetings with GLWA

If you are interested in learning more about doing business with GLWA, contact us at GLWAVendorOutreach@glwater.org to schedule a vendor introductory meeting. Topics include helpful information on submitting a competitive bid or proposal to a GLWA solicitation, as well as the requirements for GLWA’s Business Inclusion and Diversity (B.I.D.) Program.

Where to Meet GLWA

GLWA attends vendor outreach events throughout southeast Michigan. We welcome you to join us at the following upcoming events:

- ✓ [Pure Michigan Business Connect \(PMBC\) and Flint & Genesee Economic Alliance PTAC Virtual Meet the Buyer Event](#) on August 12, 2021 from 9am-12pm.
- ✓ [Macomb PTAC Virtual Meet the Buyer Event](#) on August 19, 2021 from 9am to 12pm.

What’s Coming Down the Pipe?

Current Solicitations: Be sure to register in [Bonfire](#) for new solicitations and contract award information. *Upcoming Procurements: Next Three to Nine Months* - See page 2

Visit GLWA online! See the Vendors page at www.glwater.org or contact us via email at procurement@glwater.org.

Upcoming Solicitations August 2021

Category	Description	Budget Estimate
Water System (next three months)		
Engineering	North Service Center Pumping Station Improvements (CIP #132016)	\$8,150,000
Design Build	Belle Isle Seawall Rehabilitation (CIP #116005)	\$1,740,000
Design	Reservoir Inspection, Design, Construction Administration, and RPR Services (CIP #170802)	\$5,400,000
Progressive Design Build	Water Works Park High Lift Pumping Station Modernization (CIP #115007)	\$88,400,000
Progressive Design Build	Lake Huron WTP Instrumentation and Filter Control Improvements (CIP #111006)	\$15,262,000
Wastewater System (next three months)		
Design Build	Control System Upgrade – St. Aubin, Leib, and 7 Mile CSO Facilities (CIP #260619)	\$7,000,000
Construction	Generator Improvements (Controls upgrades, Generator modifications) (JOC) (CIP #260600) (CSO)	\$1,000,000
Construction	Hubbell Southfield CSO Basin Pipe Hanger Replacement	\$1,500,000
Construction	HAZMAT (Hazardous Material) Building Renovation (CIP #216010)	\$1,500,000
Maintenance Services	Facilities Maintenance Services	\$17,000,000
Water System (next four to nine months)		
Construction	Roof Replacement – Lake Huron WTP and Southwest WTP (CIP #171500)	\$3,000,000
Purchase	Springwells WTP Pumping Unit Procurement Package (CIP#114002 Contracts E thru G)	\$56,000,000
Purchase	Springwells WTP Pumping Unit Procurement Package (CIP#114002 Contracts H thru I)	\$12,500,000
Wastewater System (next four to nine months)		
Professional Services	Virtual Tour and Laser Scanning Services	TBD
Design	Pilot Netting Facility Project (CIP #270001) (CSO)	\$2,250,000
Construction	Rehabilitation of CSO Outfall Backwater Gates (CIP #260510)	\$5,000,000
Construction	WRRF Administration Building 4 th Floor Renovation (CIP #216010)	\$2,500,000
Construction	Pump Station #1 Screenings Building HVAC Improvements (CIP #211006)	\$1,000,000
Construction	Connor Creek Sewer System Rehabilitation (CIP #260208)	\$24,400,000
Design Build	WRRF Rehabilitation of Intermediate Lift Pumps (ILPs) 1 & 2 and Modifications to Aeration Decks 1 & 2 to Incorporate Biological Phosphorus Removal and Step Feed (CIP #212008)	\$60,000,000
Construction	WRRF Pump Station #1 Improvements (CIP #211006)	\$55,000,000
Design Build	WRRF Structural Improvements (CIP #216011)	\$12,000,000
Design Build	Sewer Repair Contract (CIP #260200)	\$22,400,000
Construction	Rehabilitation of Northwest Interceptor from 8 Mile Road to Warren Pierson (CIP #260205)	\$7,000,000
Design	Architectural & Safety Improvements to CSO Facilities (CIP #260600)	\$1,400,000

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

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



Office of the General Counsel

735 Randolph Street, Suite 1900
Detroit, Michigan 48226

Office of the General Counsel – September, 2021

COVID-19: The Office supports GLWA’s response to the COVID-19 pandemic, including participating in GLWA’s COVID-19 Task Force, review of COVID-19 related laws, rules and public health orders.

NPDES ACO Dismissal: The Office assisted in preparing documents to have the ACO dismissed.

Legislative Updates: GLWA continues to cooperate with member partners on the Lead and Copper Rules as well and attend webinars on the subject. The Office is also monitoring a bio-solids bill and water assistance 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 is appealing MDOT’s decision.

June and July Rain Events: The Office is providing legal support in response to the significant rain events in June and July.

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

Training: Office members attended the following training opportunities “MAMA/GLS Supreme Court Case Review, 2020-21” and “PFAS in Stormwater: Treatability and Implications of Emerging Water Quality Standards for Dischargers”.

Contract Negotiations: GLWA will attempt to secure long term contracts with all communities that are not on the model contract. The Office is working with member partners to draft a new model sewer contract.

Environmental and Workplace Safety Compliance: The Office continues to work with the COO and team leaders from both the water and sewer systems to comply with regulations and to respond to any alleged violations.

Record Retention Policy: The Office is drafting a record retention policy for GLWA.

Industrial Pretreatment Program: The Office continues to work with the Industrial Waste Control (“IWC”) Group and external stakeholders on finalizing and implementing an updated IPP. To date, 99% of the communities have passed a concurring resolution and GLWA made a presentation to the City of Highland Park’s City Council, which is the only community that has not passed a concurring resolution. The Office is also providing assistance on PFAS and PFOS matters.

Real Estate: The Office is negotiating easements related to support the 14 Mile Road redundancy project, Baby Creek CSO infrastructure improvement project. The Office is negotiating the acquisition of property for the Newburgh pump station. The Office is negotiating easements related to 96” watermain relocation and the Woodward Sewer Project. The Office closed on the purchase of 12415 Freud to support the access shaft project for the Ashland and Fox Creek Interceptors.

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. Four lawsuits were filed against GLWA related to the June 25-26 rain event in the past month.

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:	32
Contracts drafted or revised:	19
Subpoenas/Information requests received:	15
Subpoenas/Information responded to:	4