



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

September 22, 2021

The Honorable
Board of Directors
Great Lakes Water Authority

Dear Chairperson Zech and Directors:

Regarding: Interim CEO's Report – September 22, 2021

I want to begin my report with an update on the impact to GLWA operations caused by the ground shift that occurred at Fort Street and Dearborn Street in Detroit on September 11, 2021. Since the initial incident in which the ground shifted and created a buckling of a nearby road and building, as well as displacing utility lines, a coalition of various city of Detroit departments, local utilities (including GLWA) and state agencies have been coordinating efforts to establish safety and begin determining the cause of the ground shift.

GLWA was impacted first by a break to a 16-inch water main, which our Field Services team was able to isolate very quickly on Sunday, September 12. Then, on September 16, we were informed by DTE Energy that it needed to shut down a 24-inch high-pressure gas main that feeds the Water Resource Recovery Facility (WRRF) and the Biosolids Dryer Facility, causing both to stop processing solids until the gas line could be bypassed and returned to service on the morning of September 18.

Our team members' response to this difficult situation, in collaboration with the city of Detroit and DTE Energy, has been nothing short of spectacular. Their tireless efforts ensured that we had everything in place to remain in compliance with our NPDES permit, including identifying trucking companies available to haul our solids inventory, as well as landfills available to receive them.

To our team members in wastewater operations, field services, and procurement, I extend my sincere thanks and genuine admiration of your skill and commitment to the organization and the region through this incident. Your work has been remarkable and is a good example of our metal and our resiliency. You all embody our *One Water, One Team* motto, and for that I am deeply appreciative.

Keeping within the water quality theme, I am excited to share with you that the Water & Field Services team, together with our consultant LimnoTech, has made an important step to improving system resiliency through enhanced water quality monitoring of GLWA's source water. Last week, a buoy that will be used for collecting real-time water quality data was installed on the Canadian site of the Detroit River, using a vessel provided by the Real-Time Aquatic Ecosystem Observation Network (RAEON), a University of Windsor research collaborative funded by the government of Canada.

The buoy was deployed about 1.6 miles upstream of the Fighting Island Raw Water Intake and will measure multiple critical parameters for monitoring and assessing source water quality. The data will also be used for long-term evaluation and optimization of GLWA's water treatment systems to ensure we continuously provide highest quality water. A camera observing the water surface is included as well. The buoy will provide data ahead of the intake and can serve as an early warning for changing water quality.

On September 9, I participated in the first of a series of Urban Flooding discussions that were convened by the Detroit City Planning Commission. It was an excellent conversation where both DWSD Deputy Director and Chief Engineer Palencia Mobley and I provided presentations on how both the local and regional collection systems work and then engaged in a dialogue with the Commissioners about how we can all work together going forward to move our region forward in relation to flood mitigation and the appropriate service levels that will be required to help ensure system resiliency.

In addition, on September 14, I provided Detroit City Council with an update related to the June 25-25 rain event and the progress of GLWA's internal investigation. I share with them the information that was presented to this Board earlier this month. My [remarks](#) are posted on the new [2021 Flooding Events webpage](#) we have created on www.glwater.org. The page is a one-stop-shop for all information related to the rain event.

While there is nothing additional to report at this time, I felt it important to inform you that GLWA's internal investigation into the June 25-26, 2021 rain event continues. We expect it to reach its conclusion next month.

Finally, throughout the months of October and November I will be making personal visits to all of GLWA's facilities to touch base with our team members. My intent is to conduct tours of each facility, led by a front-line team member, as well as hold meetings with team leaders and others to get a sense of how they are faring and what is on their minds. I also really want to understand if there is anything impeding their ability to do their jobs to the best of their ability. I am looking forward to the dialogue and using what I learn to help better guide our utility as its Interim Chief Executive Officer.

PLANNING SERVICES

Asset Management Group

GLWA is in the process of conducting its annual review of the Strategic Asset Management Plan (SAMP). The SAMP is intended to be a “living document” and must be valid in the current context of the organization and appropriate to GLWA’s current asset management needs and external environment of stakeholders and drivers. Consequently, it is updated annually to address any inconsistencies or significant changes in GLWA’s asset management strategy. Any changes will be made in the form of an amendment so as not to lose the original intent and track modifications over time. The review and final amendment are expected to be published in November 2021.

Concurrent with the annual review, GLWA celebrates the SAMP rollout anniversary in September with an Asset Management Communications campaign designating the month as “SAMPtember”. The goal of the campaign is to re-acquaint GLWA team members with the SAMP and highlight how the Improvement Initiatives currently underway relate to GLWA’s Asset Management strategies.

The Linear System Integrity Program (LSIP) has officially begun! The LSIP is our newest asset management program that will utilize a risk-based approach for a continual and cyclical program to manage the linear water transmission mains and wastewater trunk sewers and interceptors by assessing the condition and recommending renewal strategies to optimize life-cycle expenditures. GLWA has signed its contract with HDR on August 19. There is a lot of behind-the-scenes work being done by the Asset Management Group and HDR to prepare for the official program kickoff planned for October 27th. The kickoff meeting will cover the goals and expectations of the contract, the program approach, schedule, and the scope of services. The LSIP team is very excited to hit the ground running accomplishing the goals established in year one.

LSIP Year 1 Activities
Standup a data collaboration portal
Develop and update KPI's
Establish data management protocols and requirements
Develop program framework, implementation guidelines and business processes
Update risk model and prioritize conditions assessments
Assess feasibility and define scope, schedule and estimated costs for water transmission main condition assessments
Prepare and update water LSIP management plan (roadmaps, guidelines, standard operating procedures)
Prepare and update wastewater LSIP management plan (roadmaps, guidelines, standard operating procedures)

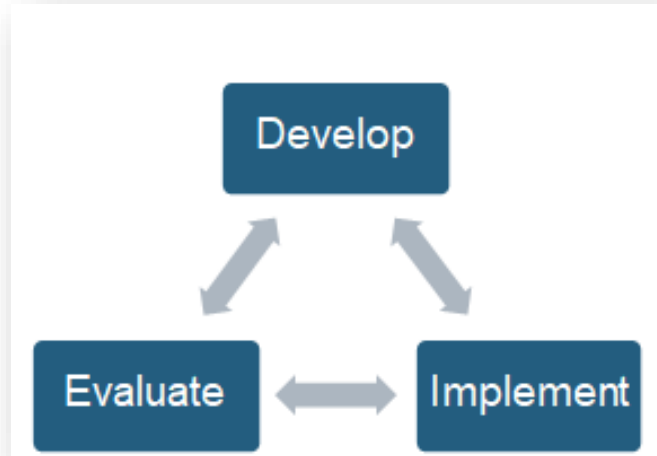
The GLWA Wastewater Asset Management Plan (WwAMP) is a comprehensive look at all wastewater assets, their risks, criticality, lifecycle costs, preventative maintenance, and replacement strategies. The development of the WwAMP began over a year ago with the evaluation of over 6,000 wastewater assets plus the 195 miles of trunk sewer and interceptors. A visual condition assessment was performed on approximately 1,000 wastewater assets. The plan is anticipated to be completed in early 2021.

PLANNING SERVICES (continued)

Similarly, the GLWA Water Asset Management Plan (WAMP) began in January 2021 with a similar evaluation of over 8,000 water assets plus the 816 miles of transmission main. Approximately 2,000 assets are planned for a visual condition assessment this fall. The process is following the same AMP development model as the WwAMP and is planned to be completed in June of 2022.

Capital Improvement Planning Group (CIP)

The CIP Group is in the midst of actively engaging members of the Core CIP Delivery Team in the preparation of the first draft of the FY 2023-2027 Capital Improvement Plan. Given that every process should be evaluated periodically to verify its effectiveness and to determine if its intent is being met, the team continues to explore refining and streamlining the CIP Plan development processes, including project prioritization. The CIP Team is piloting improvements to the scoring procedures, methodology, and project prioritization. The goal is to consider appropriate revisions that would improve the prioritization of projects to better align project scoring with the project need. Utilizing these improved processes and methodologies, various members of the CIP Delivery Team along with a member partner representative participated in a streamlined process for scoring and aligning both water and wastewater CIP projects.



Also, during August, the CIP Group, along with AECOM, started planning for the rollout of the completed chapters of the Program Management Plan, which covered design, construction, and change management. Additionally, the two teams continued to review and assess various functionalities within the CIP portal including the alignment tool.

The CIP Group received a good response to the Program Management Information System solicitation. The IT Team initiated the initial review process of the submitted proposals and will likely provide the qualified proposals to the review team in September. It is anticipated that the review process will continue through the end of 2021.

PLANNING SERVICES (continued)

Systems Planning Group

The Member Outreach Team is looking forward to the September 30th One Water Partnership meeting! We hope members can join us via Zoom to hear about the various initiatives being shared, as well as hear from the One Water co-chairs about their roles.

The public educational materials regarding per-and poly-fluoroalkyl substances (PFAS) that were developed through the Communication and Education workgroup have been updated with the 2021 results. Members are encouraged to share these resources with their communities. Both a flier and leaflet, as well as other resources can be found on the “Member Partner Resource” page of the GLWA website.

PFAS FACTS

WHAT IS PFAS?

Per-and polyfluoroalkyl substances (PFAS) are man-made compounds used in manufacturing carpet, clothing, furniture fabrics and paper food packaging. They are used to make items water- and stain-resistant. PFAS is also found in products such as firefighting foams, cleaners, cosmetics, paints, adhesives and insecticides. PFAS is known as a “forever chemical” because it does not break down in the environment.

Participants in the Zoom meeting:

- Lori Byron, Bridgeport
- Madison Merzlyakov
- James Taylor - VBT
- Bob Jaskwich - SOCWA
- Zach Earg, WRC
- Tom Wilson, Livonia
- Mark Gaworecki - Deserborn
- Jetaun Coleman, GLWA
- Jerzy Daniel, GLWA
- Evita Parks, GLWA
- Kieyona Jackson, GLWA
- Walter Davis, GLWA

The Water Management Best Practices workgroup met on August 24th and they had a robust discussion regarding employee engagement through practices like internship and apprenticeship programs.

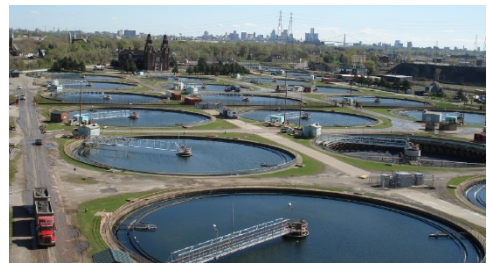
PLANNING SERVICES (continued)

Each year the Member Outreach team surveys to check the pulse on how Members feel about GLWA's performance and its Member Outreach Program. The survey is referred to as a “Scorecard” and originated in the Water Management Best Practices Work Group, and is endorsed by the One Water Partnership. Member feedback is extremely important to us and by completing the scorecard, members are making an important contribution to the future success of GLWA and the One Water Partnership. The scorecard is set to launch in mid-September.

GLWA held its second annual Water Supply Advisory Council meeting on August 16th. The council heard from a representative from the Michigan Department of Environment, Great Lakes, and Energy (EGLE) regarding their Clean Water Ambassador Program. The council also received an update regarding GLWA’s Corrosion Control Optimization study and discussed plans for future council meetings. Additional information regarding the council can be found at www.glwater.org/wsac.

The Member Outreach Team partnered with Black & Veatch and the System Analytics & Meter Operations team to host a Non-Revenue Water Benchmarking Workshop for member communities on August 18th. The workshop provided an introduction to 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, with an emphasis on how to use the performance indicators within the software to guide non-revenue water management strategies to improve system efficiency. [Click here](#) to see the presentation. Continuing Education Credits (CECs) have been applied for. The Drinking Water Board will meet to review our CEC application on October 28th.

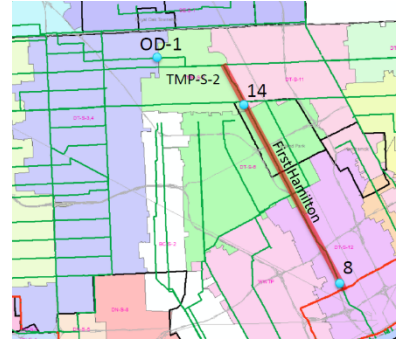
The Wastewater Best Practices (WWBP) workgroup meeting hosted on August 4, 2021, began with a presentation from Phil Argiroff of EGLE about forthcoming updates to the collection system permitting program. Next, Dante Zettler of LimnoTech presented a rainfall return frequency analysis for the June 25-26 storm event based on GLWA rain gauge data and radar rainfall analysis from Vieux and Associates. Next, Sherri Gee of GLWA led a discussion about best practices for a pre-storm communication plan among regional operators, as well as next steps for implementing the regional operating plan (ROP) included within GLWA’s 40-year wastewater master plan. The meeting closed with a poll about preferred meeting format in 2022, where the majority of attendees indicated they prefer to maintain a virtual/remote option for some or all meetings going forward. The final WWBP workgroup meeting for 2021 will take place on October 13, 2021.



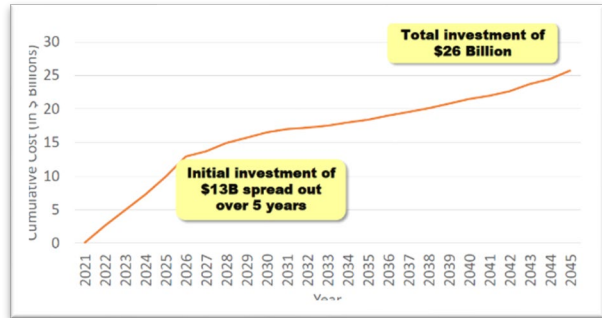
The Regional Collaboration Group (RCG) met on August 5, 2021. The members were asked what, if any, public communication is needed in the wake of recent flooding events. Members agreed that consistent messaging across systems is important, with the most important message being, “Our system is limited in what it can handle”. The conversation then turned to re-assessing regional priorities and the balance between water quality and flood control objectives.

PLANNING SERVICES (continued)

The Wastewater Analytics Task Force (WATF) met on August 19, 2021. It began with a presentation from Phil Argiroff of EGLE about the collection system permitting program. Next, Anil Gosine from the Detroit Water and Sewerage Department (DWSD) shared the details of their project to install temporary meters at key locations to refine flow data for comparison with water consumption and determine sources of dry weather inflow and infiltration. This was followed by a presentation from Ted Burgess of CDM Smith about three additional temporary meters being installed by GLWA to supplement DWSD’s data gathering and analysis. The final presentation came from Julie Aichler of CDM Smith about the most recent round of dye test results. The meeting ended with a poll about preferred meeting format in 2022, where the majority of attendees indicated they prefer to maintain a virtual/remote option for some or all meetings going forward. The next WATF meeting is scheduled for November 4, 2021.



The Watershed Hub workgroup convened a stakeholder webinar on August 26th that was attended by over 100 diverse regional stakeholders. It began with a welcome from the GLWA Interim CEO Suzanne Coffey. Next, Phil Argiroff of EGLE presented and answered members’ questions about the collection system permitting program. Attendees responded to a poll that asked if and how recent rain events have or will impact their work going forward. Rachel Barlock of SEMCOG presented on regional infrastructure investment needs and multiple initiatives being undertaken related to regional flood control. The meeting ended with an update from Annette Demaria of Alliance of Rouge Communities about the Watershed Hub work group’s three water quality monitoring initiatives, followed by Jeff Bednar from Macomb County sharing the work group’s year 2 goals. The next Watershed Hub workgroup meeting is scheduled for October 5th, 2021.



August 2021 Member Outreach Meeting Attendance	
Meeting	# Attended
Wastewater Best Practices Work Group (8/4)	43
Regional Collaboration Group (8/5)	12
Communication & Education Work Group (8/12)	24
Wastewater Analytics Task Force (8/19)	39
Water Management Best Practices (8/24)	10
Watershed Hub Webinar (8/26)	103

PLANNING SERVICES (continued)

Systems Analytics and Meter Operations Group (SAMO)

As part of the Units of Service (UoS) and System Water Audit, Phase 3 project, Black & Veatch (BV) completed the GLWA Water Balance for 2020. The results were presented at the Analytical Work Group meeting held on September 21, 2021. The components of the Water Balance are shown below:

- Production volumes (corrected based on BV’s review of plant data)
- Water Automatic Meter Reading (WAMR) volumes (corrected billed volumes)
 - BV’s review of meter calibration results/work orders / Power BI charts
- Detroit: 2020 Retail Sales + Non-Revenue Water (NRW) developed under UoS Phase 2
- Dearborn: 2020 Retail Sale + NRW developed under UoS Phase 2
- Highland Park (UoS developed under Phase 2)
- Transmission Main Losses (UoS developed under Phase 2)

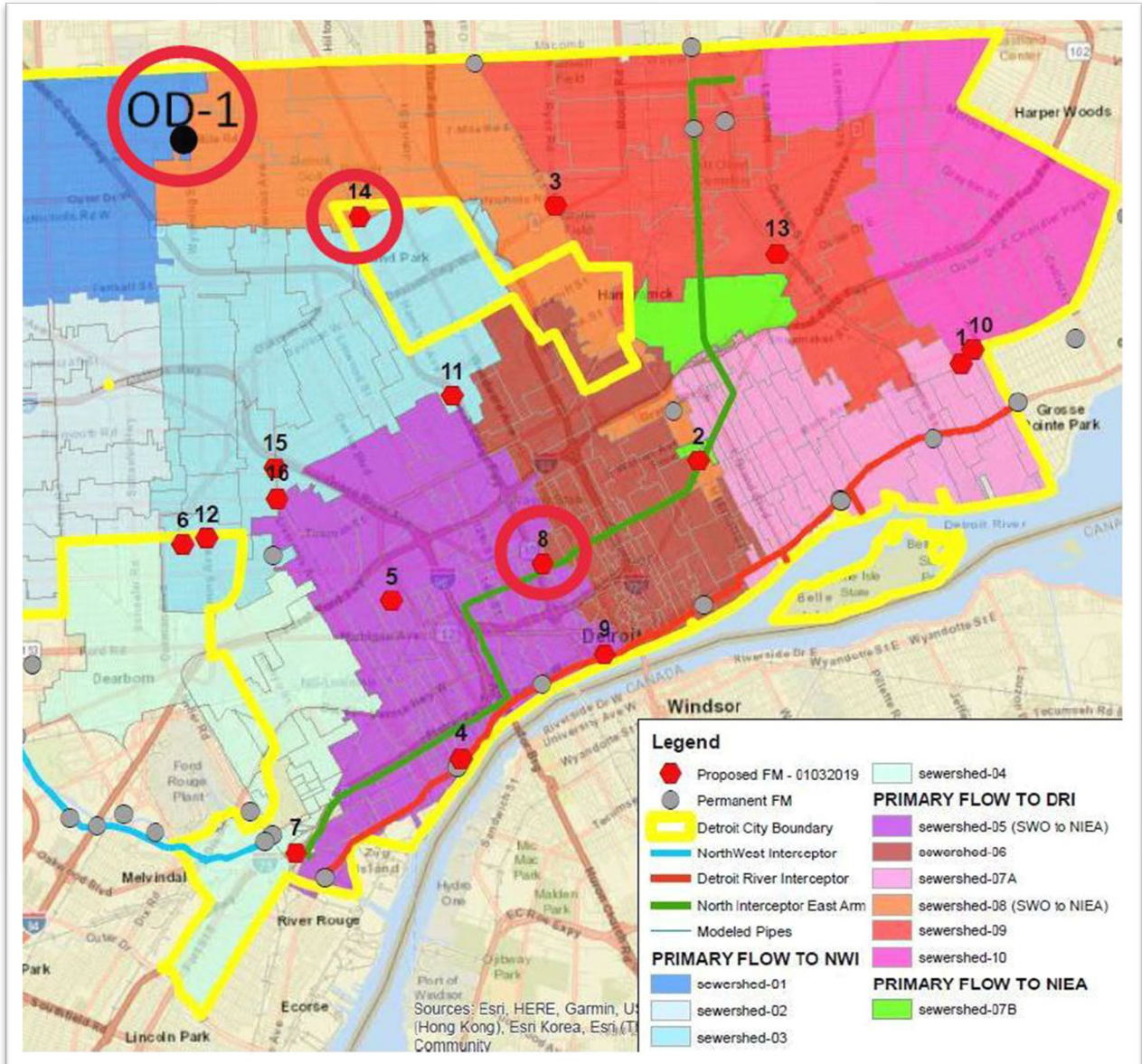
Water Balance Components	Average Day MGD			
	2017 UoS Phase 2	2018	2019	2020
WAMR / Wholesale	281.3	274.1	258.9	273.6
Dearborn	12.7	12.5	12.2	12.4
Detroit	90.9	90.8	87.3	84.2
Highland Park	2.2	2.2	2.2	2.2
Transmission (incl. open blow offs)	26.5	26.5	26.5	26.5
GLWA / Common-to-all (CTA)	40.1	50.8	40.8	29.6
Adjusted System Pumpage (Total)	453	457	428	429

Key Takeaways - 2020 Water Balance:

- Production continued to drop, in calendar year 2020
- Water Treatment Plant (WTP) metering improvements:
 - Replaced meters at Southwest WTP
 - Rehabilitated meters at Northeast WTP and Springwells WTP
- Water Treatment Plant metering upgrades continue:
 - Waterworks WTP: In progress, planned for completion in 2025
 - Lake Huron WTP: In progress, planned for completion in 2025
- Common-to-all water losses reduced in the system

PLANNING SERVICES (continued)

As noted in the Systems Planning section above at the August 19, 2021, Wastewater Analytics Task Force (WATF) meeting, the SAMO team along with CDM presented plans to augment DWSD’s temporary sewer metering project. The plan is to monitor and evaluate infiltration and inflow (I/I) flows in the First Hamilton area within the City of Detroit. Metering concurrently with DWSD will improve the potential for the analysis and the understanding of collected flows. DWSD and GLWA plan to share the flow data collected from the temporary sewer meters. Please see the map below showing the metered locations (circled in red) below.



WASTEWATER OPERATING SERVICES

Wastewater Operations

Water Resource Recovery Facility (WRRF) operations complied with the Water Quality Standards for August 2021, except for the following violations.

- There was a high fecal coliform limit exceedance at the Leib Screening and Disinfection facility on August 12 with 1854/100 ml. The limit is 400/100 ml. The reason is still unknown at this time.
- A laboratory error for fecal coliform for the Rouge Outfall occurred on August 9. The only sample of the day was read late, making results invalid. The Lab has already implemented procedures to improve the timeliness of wet weather samples being read.

Maintenance

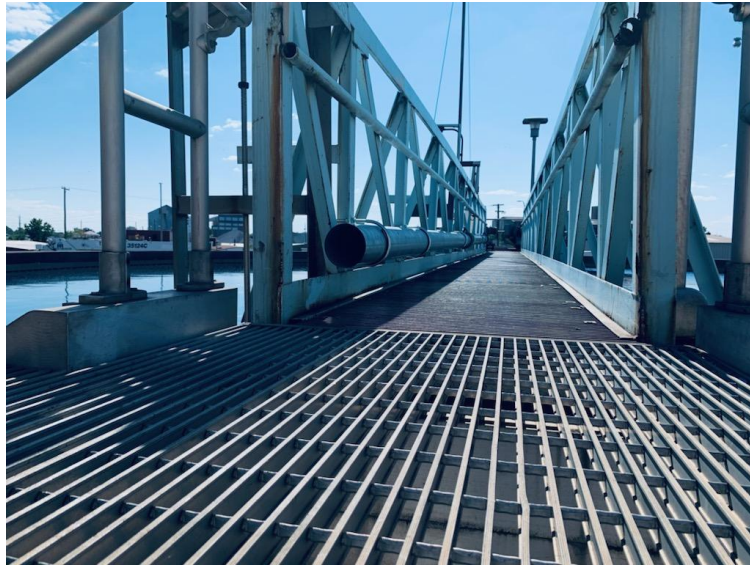
The Primary team has been continuing work on repairs to the grit channels of Pump Station 1. Repairs have been conducted on channels 4, 5, and 6, and those channels have been returned to full service. In addition to conducting repairs, a grit removal expert assessed our equipment and made several recommendations that will improve overall performance. Upon the implementation of these recommendations, the reliability of the grit removal equipment at Pump Station 1 will be enhanced during severe wet weather events.



Grit channel at Pump Station 1 in the process of having its chain repaired

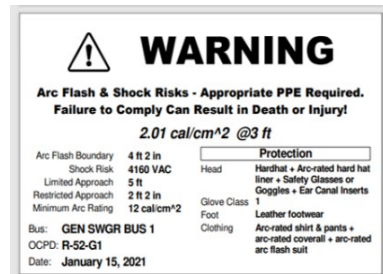
The center columns of the primary sludge thickeners regularly require to be vactored for unclogging and cleaning. To aid in this effort, the Dewatering team had a six-inch pipe installed along the thickener bridge and into the center column of each thickener. This pipe removes the need to route hoses across the bridge, allowing the vactor truck to pull up alongside the thickener and quickly attach a hose to the installed pipe. This greatly reduces the set-up time required to clean the center columns, making the clean-up much more efficient.

WASTEWATER OPERATING SERVICES (continued)



Six-inch line installed and routed across a thickener bridge

WRRF has been working with DTE and a consultant on an arc flash program for the WRRF and the CSO facilities. This initiative will enhance safety across our electrical substations and maximize efficiencies in energy usage as a by-product. All switchgear and relay trip settings are being reviewed for optimization and load requirements. Visual management is integral to this effort with placarding of equipment with high voltage warnings and PPE requirements for safe maintenance. The picture shows a sample warning label being placed on the equipment.



Process Control Center (PCC)

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

- Designed eight high-performance graphic screens for inclusion in the graphics upgrade project at the WRRF.
- Developed an asset list for process equipment that is monitored on the Ovation system at the WRRF.
- Completed final bid documents with Procurement & Law for Ovation upgrade RFP.
- Implemented enhanced network alarming and reporting on the SolarWinds Application.
- Reprogrammed Belt Filter Press 19 to incorporate changes made to the feed valve.
- Connected and configured the Multilin motor protection devices to Ovation at PS2.

WASTEWATER OPERATING SERVICES (continued)

- Upgraded (Software & Hardware) on 2 Network Attached Storage Solutions on the OT Network.
- Made corrections to new flow meter programming at Connor CSO Facility.

Laboratory

LIMS enhancements for data uploads for instrumentation are completed except for the gas chromatograph systems.

Development of a system for real-time sample receipt is in progress.

Industrial Waste Control (IWC)

IWC is working on the mid-year PFAS (per- and polyfluoroalkyl substances) report for the State due October 1, 2021. This report conveys all GLWA and user data from January through June 2021 and a summary of progress made since May 2021.

Construction Engineering

The Relocation of the Analytical Lab Operations to the WRRF project (Contract 1803776) was awarded to Commercial Contracting Corporation with a start work date of September 9, 2019. The contract's substantial and final completion dates were September 8, 2020, and March 8, 2021, respectively. The contract amount was \$11,499,000.

As of August 28, 2021, the construction of the Analytical Lab is complete. The contract experienced delays due to the Covid-19 pandemic, labor shortages, and material delivery disruption. Currently, Change Order No. 3 is being processed to close out this contract and establishes the contract's final value at \$11,759,262.

Congratulations to the WRRF Construction Engineering Team members Nicolas Nicolas (Construction Engineer), Clement Udeozor (Construction Inspector), Derek Bennett (Inspection Team Leader), and Philip Kora (Construction Engineering Manager) for successfully administering, managing, and completing this \$11.7 million CIP project and thus enabling the timely relocation of the analytical lab to WRRF in January 2021.

WASTEWATER OPERATING SERVICES (continued)



Plasma Lab



Oil and Grease Lab



Solids Lab

CSO Control Program

The CSO team is working on the following projects:

CIP 260261, Contract 2004666 – Conner Creek Dike Improvements. This project has completed the installation of approximately 50% of the cutoff wall and estimates to have the remaining 50% of the cutoff wall constructed by the end of September 2021. Construction of the decorative concrete wall and fencing atop the cutoff wall is anticipated to occur from October through November 2021. Tentatively, we are planning to perform restoration before year's end.

JOC Task C-03 – Baby Creek Bypass Gate Automation. This project is currently under construction and is estimated to be completed around October 2021. Afterward, we will conduct startup and acceptance procedures.

JOC Task 021 – Baby Creek Chemical Tanks Relining. The fourth chemical tank was relined and put back into service. We are working to close this successful project out.

Contract No. 2100136 – Hubbell-Southfield Hanger Replacement Project. This project replaces all pipe hangers in the Hubbell-Southfield retention treatment basin to ensure the suspended piping system is properly supported. Failure of the piping supports would create major issues in the basin for compliance and cleaning of the basin. This project was submitted to Procurement in June 2021. We anticipate an advertisement this month.

The CSO team worked on updating the current draft version of the 2023-2027 CIP with information generated from CS-299 with projects that were prioritized based on facility needs. We will utilize this information to work towards CIP alignment. Next year we will likely update the scheduled replacement plan (SRP) in the capital outlay budget to reflect the condition of our assets, proper asset management, and proper planning.

WASTEWATER OPERATING SERVICES (continued)

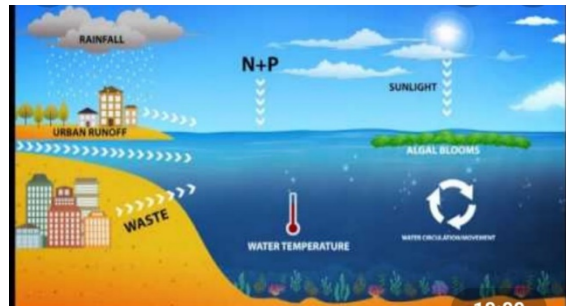
This SRP will be periodically updated by asset conditions during inspections. Next year, the CIP will also likely be updated with several CSO programs aimed at making systematic improvements to various key assets that fall in the SRP to ensure we are appropriately and systemically addressing large assets. For example, a “Screen Rehabilitation Program” may be utilized to perform assessments and make improvements to screens at all CSO Facilities over a five-to-ten-year period. Once this is completed, we would then establish the frequency to which programs like this should be budgeted for and executed. These are exciting times for CSO Facilities and future preparation and asset management.

WATER OPERATIONS

Water Quality

Cyanotoxin and Water Quality

Water Quality (WQ) has been participating in a cyanotoxin study with the Michigan Department of Environment, Great Lakes, and Energy (EGLE). The WQ Team has been working with EGLE doing cyanotoxin sampling at four of our facilities – Southwest, Water Works Park, Springwells, and Northeast water treatment plants. Cyanotoxins can be produced by blue-green algal blooms (cyanobacteria) which feed off nutrients available in the environment and direct sun light. Runoff from farmland, urban areas, and sewage outfalls can provide nutrients for the blue-green algae. Cyanotoxins can impact health of animals and humans at high enough levels. Algal blooms can also cause low oxygen levels in the water and displace fish. Learning about cyanotoxins and why we do not want it in our waterways has been a great experience for the WQ investigators – One Water, One Team.



Water Works Park Water Treatment Plant

WWP Emergency Generators

The Water Works Park Water Treatment Plant (WWP) emergency generators two days of testing in both the Load Test mode and the Peak Shave mode were successfully completed. Testing on both Monday, August 10, and Tuesday, August 11, involved contractors along with GLWA WWP team members Jason Hammond (Management Professional Electrician), Brian Carter, Trista Meyer and Douglas Boatwright (Water Technicians), and Victor Vecsernyes (Team Leader).

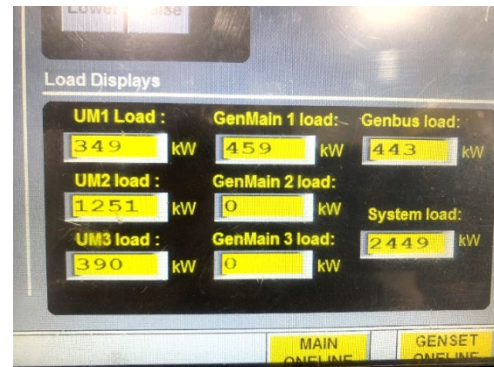
WATER OPERATIONS (continued)

On August 10, 2021, loose connections on critical sensing components which had the potential to cause erratic operation were corrected. Operations then proceeded to test the generators in No Load, Load Test and Peak Shave mode. All tests were successful. In addition, a retest in Peak Shave mode was performed to confirm that there would be no loss of equipment as in previous tests. The Peak Shave test was successful. It was determined that it is best to allow the Emergency Generators to enter the cool down mode and completely shut down, before initiating a different test mode, i.e., moving from a Load-Test to a Peak Shave Test, or from a No Load to a Load Test.

On August 11, 2021, the vendor was on hand to observe the operational testing in both the Load and Peak Shave mode. the generators were tested on a transformer and bus identified not to have a high lift or low lift load. This was done to protect the system distribution pressure and plant processes. Afterwards, Systems Control Center started a High Lift pump and took it to preset only. We then performed a load test for 5 minutes, took the generators out of load test mode and allowed them to come to a complete stop. We restarted the emergency generators and placed them in Peak Shave mode for 5 minutes and then ended the test, allowing the generators to cool down normally. All tests were successful, and the vendor will now be able proceed with the replacement of the PLCs (programmable logic controller).



Generator Peak Shave

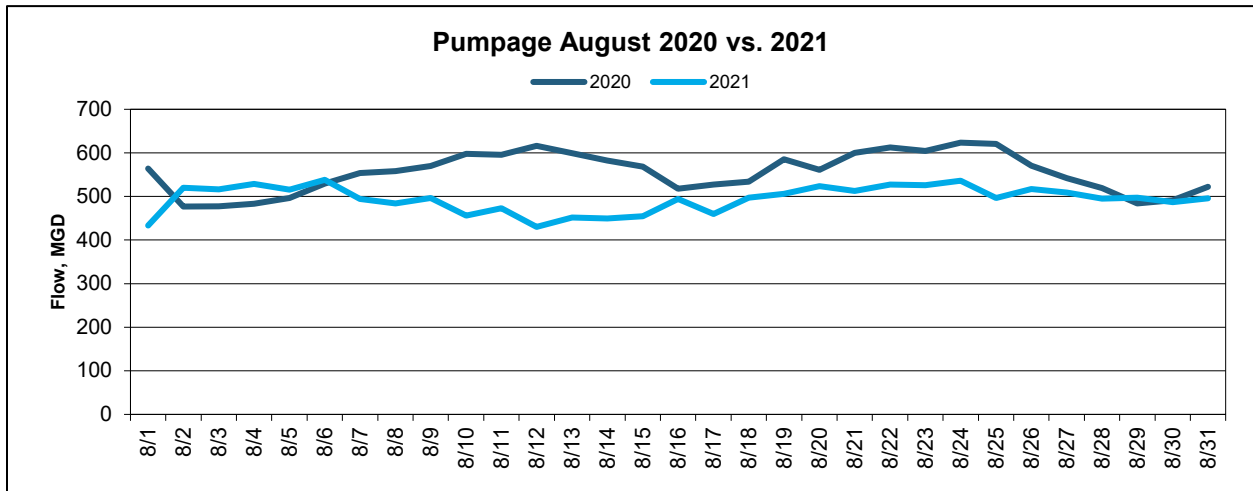


Generator Load Displays

WATER OPERATIONS (continued)

Systems Control Center (SCC)

August 2021 pumpage was 11% less than August 2020



Energy, Research & Innovation

Continuous Monitoring of Bacteria in the Watershed

The project will evaluate real-time online monitoring systems (ROMS) for improving regional water quality. The outcomes of this study will provide a recommendation for the use of advanced microbial detection and its suitability for watershed-wide implementation and integration into the Water Quality Monitoring Program. Included is the deployment, testing, maintenance, and evaluation of in-stream optical real-time monitoring equipment.

The team inspected potential deployment sites near combined sewer outfalls (CSO) in the Rouge River. One probe will be installed upstream and one downstream of the CSO to evaluate their impact during rain events. The sensors use tryptophan-fluorescence technology to track microbial presence and will be calibrated using *E. coli* analyses.



Potential sensor deployment site downstream of a CSO outfall in the Rouge River.

INFORMATION TECHNOLOGY

In the past month, the IT Security team has proactively blocked or thwarted 13,617 spam messages, 6,959 spoofed messages and 3 viruses. Additionally, 1,230 phishing attempts have been caught and 141 malware attempts have been blocked.

The IT Enterprise Asset Management Systems Team, along with the Enterprise Asset Management Group and Procurement, completed negotiations with the selected vendor, NEXGEN, for the new Enterprise Asset Management (EAM) system. Board approval will be requested in September and contracts finalized soon thereafter. The EAM system implementation kickoff is currently planned for October.

The IT Group working in conjunction with the Logistics & Materials team completed the technology components for the Rialto Warehouse move. This project consisted of moving the Logistics & Materials team including all IT equipment, connections, and Ceridian and WAM system information from the Northeast Warehouse to the new Rialto location.

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

- Establishing an automated process for loading employees' work phone numbers and work email address into GLWA's human resources management system, Ceridian. This reduces login issues with interfacing systems such as GLWA's Learning Management System, Cornerstone.
- Assisting Organizational Development with utilizing additional features in Cornerstone, including mobile access and enabling recurring trainings and tests to be reassigned to team members.
- Working with Wastewater Operating Services' CSO Control Program to scan and import documents into our document repository system, OnBase. With the metadata applied to the scanned documents, the CSO Control Program can now look up documents with a click of a button versus looking through file cabinets.
- Working with a vendor to pilot the OnBase Web Client access for external contractors/consultants. OnBase Web Client allows external users to upload and view Asset Management documents remotely through a web browser.

The IT Customer Service Delivery Team along with the IT Infrastructure Team completed the decommissioning of the server that housed the old faxing system RightFax. This system was no longer supported by the vendor, could not be upgraded or patched, and created a severe security vulnerability for GLWA's business network. GLWA IT continued to support this server and application for DWSD until they completed the bifurcation of this service. By retiring this obsolete system, the IT group continues to work to enhance GLWA's security posture.

INFORMATION TECHNOLOGY (continued)

The IT Enterprise Asset Management Systems Team, in conjunction with Enterprise Asset Management Group and IT Business Productivities Systems Teams has developed and published Oracle WAM training tailored to our configuration of the asset management system. There are six (6) training modules available for team members to complete self-learning at their own pace on WAM including: Asset Class Creation and Maintenance, Asset Creation and Maintenance, Bill of Materials (BOM) Creation and Maintenance, Permit Creation and Usage, PM Control Creation and Usage, and PM Master Creation and Maintenance. These WAM modules were selected for selected training offerings as they are commonly used or targeted for increased usage per GLWA's asset management strategy.

Currently, the IT PMO is managing 31 active projects and is processing 15 project requests.

PUBLIC AFFAIRS

Pump Stations Media Tour

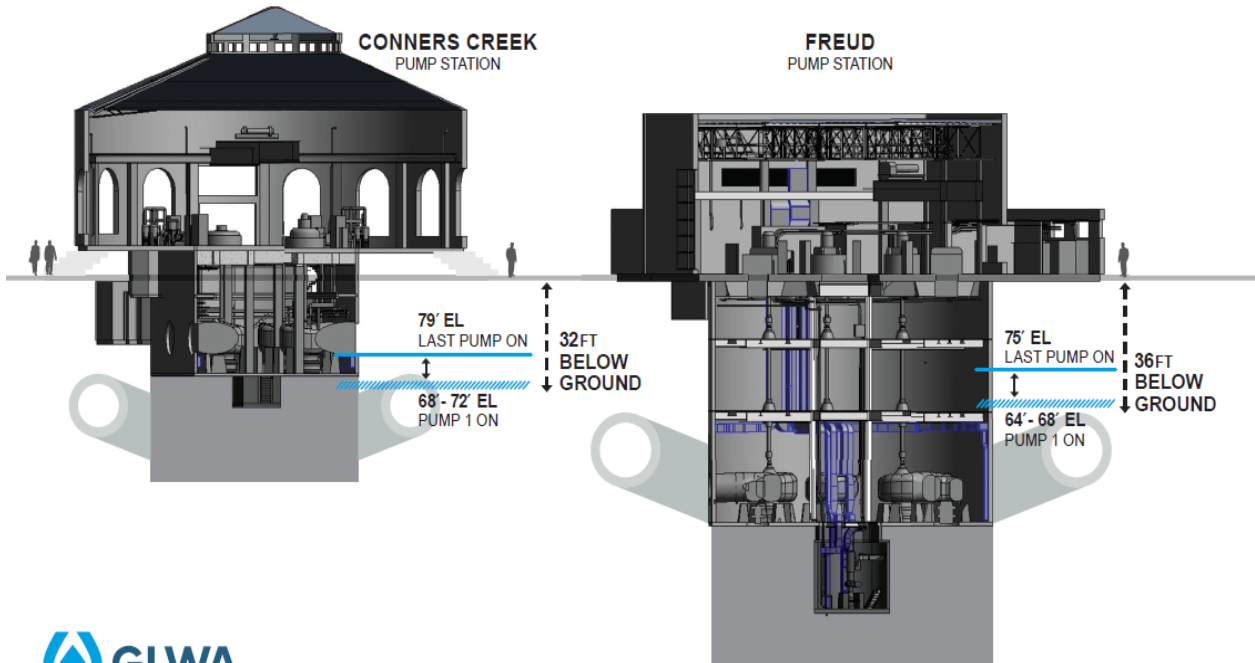
On August 30, GLWA hosted a tour of the Conners Creek and Freud Pump Stations for members of the media. Our goals for the tour were to reinforce our commitment to transparency, and to educate the media (who can then educate the public) on how the regional collection system works, what role the pumps stations play in operations, and provide big picture context on system resiliency. We also used the opportunity to talk about the investments being made and our work to bring the region together to talk about the level of service we should all be planning for climate change and the impacts of it that are upon us.

Led by Interim CEO Suzanne Coffey and COO-Wastewater Operations Navid Mehram, the day started at the Conners Creek PS, where opening remarks were given by Suzanne and Navid to explain how flows come into the system and the process for each PS coming online, as well as the history of the PS (pump station) and its improvements. Then media was taken through the pump motor floor, as well as the pump gallery. The next stop was the Freud PS, where history on the station was provided and an explanation was given on what makes the two PS different. The media was then allowed to shoot footage of PS from a fixed vantage point (due to the high level of critical infrastructure on the first level of this pump station).

A full Q&A session with the media was conducted at the tour at each pump station. Below are two handouts that we provided 1) a one pager on the two pump stations, and 2) a cross-cut of the two pump stations.

Media turnout was excellent, with the Detroit News, Detroit Free Press, WWJ, WDIV, WJBK, and WXYZ sending reporters and photographers.

CONNERS CREEK AND FREUD PUMP STATIONS



CONNERS CREEK AND FREUD PUMP STATIONS

Connors Pump Station

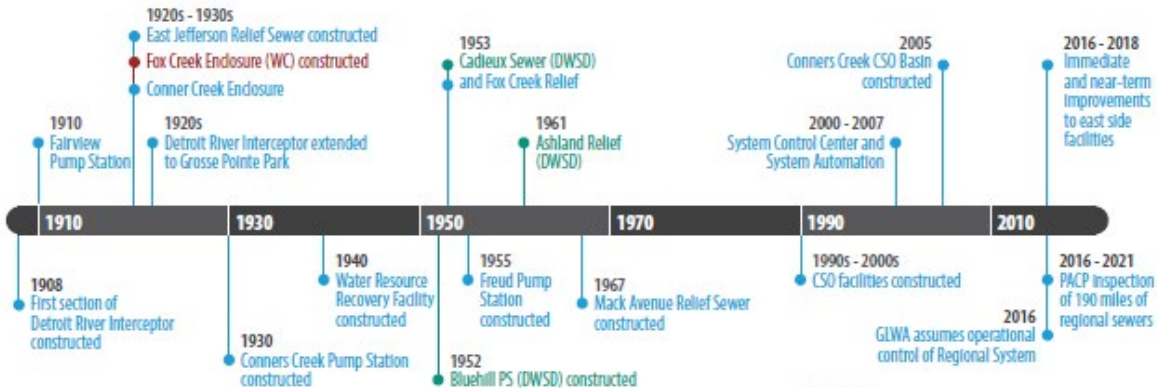
- Constructed in 1929
- Sanitary pump station has 4 pumps; total capacity 215 MGD
- Storm pump station has 8 pumps (500 cfs each); total capacity 4,000 cfs (2,584 MGD)
- Fills an Olympic-size swimming pool (660,000 gallons) in 22 seconds
- 4 (2MW) backup generators that can support 2 pumps. Equivalence of powering 2,860 homes.

Freud Pump Station

- Constructed in 1955
- Sanitary pump station has 2 pumps; total capacity 36 MGD
- Storm pump station has 8 pumps (450 cfs each); total capacity 3,500 cfs (2,325 MGD)
- Fills an Olympic-size swimming pool (660,000 gallons) in 25 seconds
- 4 (2MW) backup generators that can support 2 pumps. Equivalence of powering 2,860 homes.

Connors Creek CSO Facility

- Treatment rate of 13,260 cfs (8,570 MGD)
- Retention volume of 62 MG
- Treats/captures >4 BG on average annually



PUBLIC AFFAIRS (continued)

Procurement Pipeline Transition

Public Affairs is working with Procurement to transition the Procurement Pipeline (a monthly newsletter which is distributed to all GLWA’s Vendor Community) to GovDelivery. Using GovDelivery will save Procurement team members time and energy on distribution, provide analytics to measure engagement and allow Procurement to incorporate GLWA branding into the email.

Helmet Sticker Redesign

Public Affairs has redesigned the helmet stickers given to both apprentices and journeymen. The new designs include a visual representation of the work these team members do. Each sticker has a unique design that loosely illustrates the work each trade does. The collection includes seven stickers representing Electrical Instrumentation Control Technicians - Electrical, Maintenance Technicians, and Water Technicians.



Zdrowski Elected to MI-AWWA Board of Trustees

The American Water Works Association-Michigan Section (MI-AWWA) has elected Chief Public Affairs Officer Michelle Zdrowski to its Board of Trustees for a three-year term. Zdrowski had previously served the organization as the Chair of its Communications Council.

Public Affairs Team Presents on Crisis Communications at State-Wide Conference

Chief Public Affairs Officer Michelle Zdrowski and team members Stephanie Dillon and Curtis Burris-White presented at the 2021 annual conference for the American Water Works Association Michigan Section (MI-AWWA).

The presentation was entitled “How to Implement an Effective Crisis Communications Plan at GLWA.” Through a blend of best practice methodologies and a responsive approach to team member feedback, GLWA’s Public Affairs Team has developed a variety of communication strategies that, when used synchronously, can be successful at helping utilities deliver news and information effectively and efficiently to team members. When team members become part of the communication process, they feel empowered which can lead to an increase in employee engagement, improve morale and help build a professional community within your organization.

PUBLIC AFFAIRS (continued)

Stephanie Dillon also spoke during the Women on Water Panel Discussion. The discussion topic was “How do you maintain productivity with your workforce during the COVID-19 pandemic.” Northeast Water Treatment Facility Plant Manager LaShone Bedford served as the host for the discussion.

SECURITY AND INTEGRITY

The Hazmat Unit coordinated and completed a total of 185 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 summer’s flooding.

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

ORGANIZATIONAL DEVELOPMENT

Performance, Progression and Apprenticeships

Apprenticeships

During the month of September, the EICT-E apprentices successfully adjusted to their new assignments. The Maintenance Technicians started new classes at Henry Ford College. The apprentices continue to receive positive feedback from Team Leaders.

Performance

Baseline Goal Review due date was extended. The Baseline Goal Review completion rate for non-union team members is 73 percent and for union team members is 88 percent.

Talent Management

Staffing

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

Number of New Hires	5
Number of Separations	4
Total Staffing - Regular FTEs (YTD)	992

ORGANIZATIONAL DEVELOPMENT (continued)

Benefits/Wellness

During the month of September, we have introduced new health and wellness initiatives to support team members and support the care they provide to their loved ones:

Child care – priority enrollment and tuition discounts. Options include caregiver search tools, vetted partner centers, in-home caregivers, and school-age camps, as well as emergency backup child care.

Elder Care – assistance to understand, evaluate and find care. Options include managing a care plan, web-based platform to access resources, as well as dedicated support from a care coach.

Academic support – web-based connections to academic support, tutors, and comprehensive college advising, as well as individual one-on-one sessions for college admissions and finance support

Team Member Purchasing Program – team members gain access to products and services, including appliances, furniture, automotive care, computers and electronics, and pay over time through payroll deduction without credit checks, upfront costs, hidden fees, interest or late fees.

Auto and home insurance - team members gain access to discounted and customized home and auto insurance with a 12-month rate guarantee through payroll deduction.

Financial Literacy virtual seminars continue. For September, the sessions provide an opportunity for team members to learn more about how to create a debt-free lifestyle and prepare for homeownership.

Training

During the month of **August**, 330 GLWA team members completed **7** non-safety courses and **52** safety courses. **8** GLWA team members completed **26** online 360Water courses.

FINANCIAL SERVICES AREA

August 2021 Audit Committee Recap

The most recent Audit Committee meeting was held on Friday, August 27, 2021. The GLWA Audit Committee binders are publicly available at www.glwater.org. The meeting included the following topics.

- ✓ Discussion regarding changes to the Water Residential Assistance Program conservation program area impacting eligibility criteria, resource allocation and the program delivery plan.
- ✓ Review of the FY 2021 annual financial audit engagement letter.
- ✓ A verbal report from the CFO regarding GLWA participation on the Southeast Michigan Infrastructure Committee and funding subcommittee activities as well as an update on GLWA's internal efforts to request FEMA funding reimbursement for costs associated with the June 26 & 27 flood events.
- ✓ Presentation of the May 2021 Monthly Financial Report (Executive Summary attached).
- ✓ Updates on monthly Business Inclusion and Diversity program activities.
- ✓ A recap of the recent Shared Services billing, payment, and true-up activity.
- ✓ Information regarding the recent acquisition of PFM Asset Management by US Bancorp Asset Management.
- ✓ Review of the Quarterly Investment Report for the period ending June 30, 2021.
- ✓ Highlights from the August Procurement Pipeline (attached).

Vendor Outreach Update

On August 19, 2021, Megan Torti and Michael Lasley participated in a virtual Meet the Buyers event hosted by the Macomb Regional Procurement Technical Assistance Center (PTAC) in collaboration with the Michigan Economic Development Corporation (MEDC) and the Pure Michigan Business Connect (PMBC). Over 40 vendors pre-registered for the event which included

an hour-long webinar on the role of small business and infrastructure featuring three speakers from the office of U.S. Senator Gary Peters.

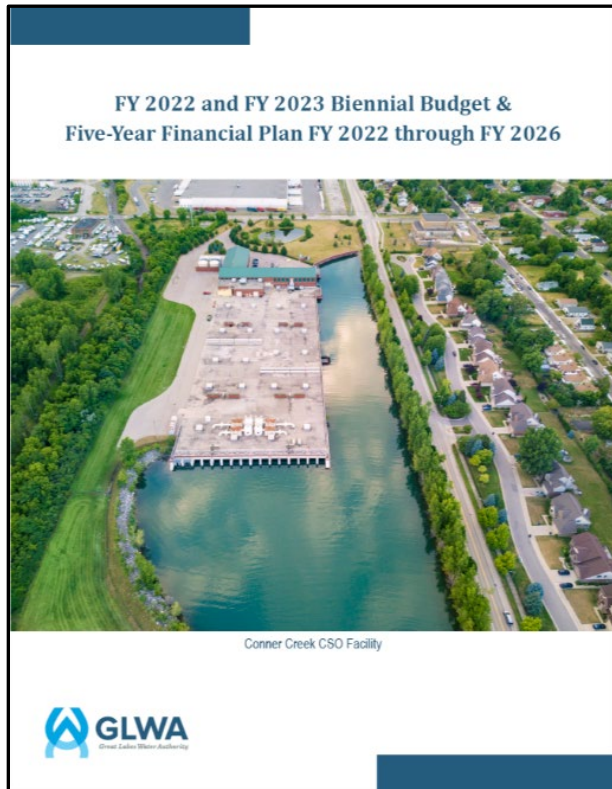


FINANCIAL SERVICES AREA (continued)

Individual pre-selected meetings followed the webinar where vendors had the opportunity to meet and learn about doing business with the government or public buyers of their choosing. GLWA presented alongside Oakland and Wayne State University, the State of Michigan, the Defense Logistics Agency (DLA), the Federal Aviation Administration, Oshkosh Defense, the Department of Health and Human Services, the Department of Veteran Affairs, General Dynamics Land Systems, the Tank Automotive and Armaments Command’s (TACOM) Office of Small Business Programs, Testek Solutions, and the Suburban Mobility Authority for Regional Transportation (SMART).

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 Macomb Regional PTAC, MEDC, and PMBC for hosting!



FY 2022 & 2023 Budget Book

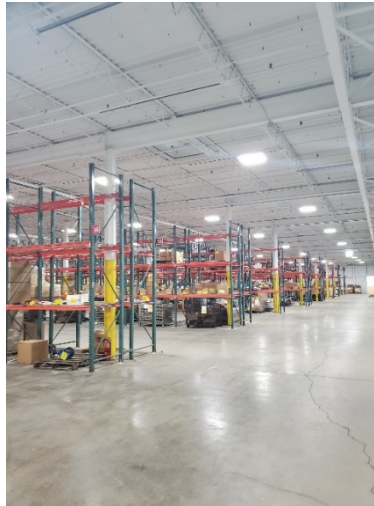
The [FY 2022 and FY 2023 Biennial Budget & Five-Year Financial Plan FY 2022 through FY 2026](#) is now available! Limited printed copies are available and can be distributed upon request. A big thank you to the Financial Planning & Analysis Team, technical reviewer Cindy Cezat, and CFO Executive Assistant Phyllis Walsh for their efforts to continue to improve this excellent resource that transparently charts our financial course.



FINANCIAL SERVICES AREA (continued)

Logistics & Materials - Rialto Warehouse Move

The new GLWA Rialto Warehouse (RTA), opened for inventory check-out on Monday, September 13. The warehouse is now fully operational and available to all GLWA operations. The 85,000 square foot facility will store and distribute critical and routine inventory for GLWA operations (photo on left taken during move-in process). This new facility will optimize inventory distribution, creates a safe working environment, and provides secure access for the organization. Congratulations to Logistics & Materials Manager Terence Anderson, the entire Logistics & Materials team, and a cross-functional project team from Information Technology, Security, and Facilities on a job well done!



Procurement Pipeline

The September 2021 Procurement Pipeline edition is attached. This month features tips on setting up and maintaining Bonfire vendor profiles, an update on visitor COVID-19 badged access requirements, directions on how to setup virtual introduction meetings with GLWA, and the monthly listing of upcoming solicitations.

The General Counsel's September 22, 2021 Report is an attachment to the Interim Chief Executive Officer's Report.

Respectfully submitted,



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

SFM/rcb

Attachments

- Financial Report Executive Summary
- Procurement Pipeline
- General Counsel's September 22, 2021 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:

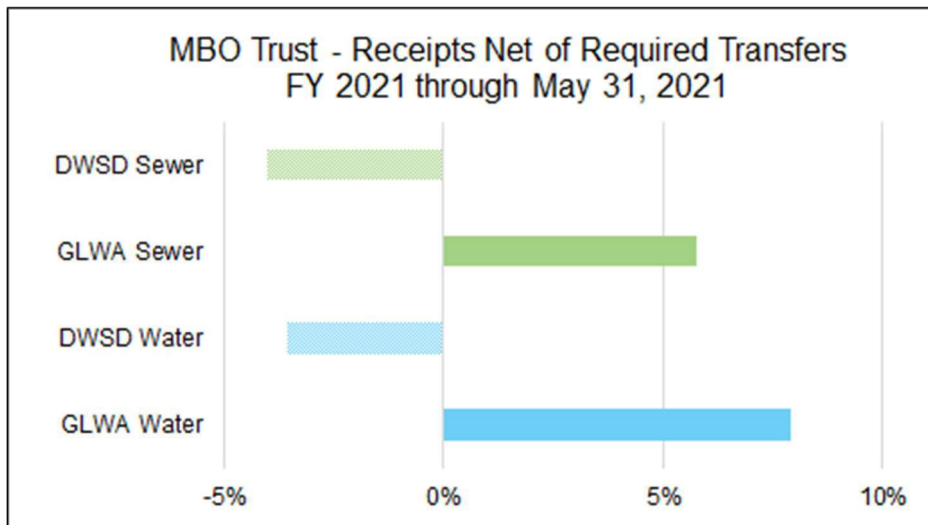
No Risk (green) - Potential (yellow) - Likely (red)

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 May 31, 2021				
Metric	FY 2021 Budget	FY 2021 Actual	Variance from Financial Plan	Report Page Reference
Wholesale Water Billed Revenue (\$M)	\$287.7	\$295.3	3%	47
Wholesale Water Billed Usage (mcf)	12,179,000	12,826,000	5%	
Wholesale Sewer Billed Revenue (\$M)	\$247.1	\$247.1	0%	49
Wholesale Water Operations & Maintenance (\$M)	\$122.9	\$107.3	-13%	6
Wholesale Sewer Operations & Maintenance (\$M)	\$167.1	\$149.4	-11%	
Investment Income (\$M)	\$6.3	\$6.7	6%	37
Water Prorated Capital Spend w/SRA* (\$M)	\$101.0	\$121.0	20%	28
Sewer Prorated Capital Spend w/SRA* (\$M)	\$76.0	\$78.0	3%	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 \$3.2 million and \$5.4 million respectively through May 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 \$9.8 million.

Budget to Actual Analysis (page 3)

- The fourth quarter budget amendments which were approved by the GLWA Board on June 23, 2021, are reflected in the FY 2021 Amended Budget columns on the tables in the May 2021 Budget to Actual report.
- The total Revenue Requirements are on target through May 2021.
- The total Operations & Maintenance expenses are at 81.1% of budget through May 2021 which is reasonably within the pro-rata benchmark of 91.7%.

Basic Financial Statements (page 10)

- The Basic Financial Statements are prepared on a full accrual basis and reflect preliminary, unaudited results.
- Operating income for May 2021 is \$92.9 million for the Water fund (29.4% of total revenues) and \$142.5 million for the Sewer fund (32.8% of total revenues).
- Water Net Position decreased by \$2.5 million, and Sewage Disposal Net Position increased by \$20.1 million for the year to date through May 2021.

Capital Improvement Plan Financial Summary (page 27)

- Both the Water and Sewer systems exceed the 75% Capital Spend Ratio assumption.

Master Bond Ordinance Transfers (page 30)

- For May, transfers of \$12.8 million and \$17.6 million were completed for the GLWA Water and Sewer funds, respectively.
- Also for May, 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 \$515 million in the Water fund and \$500 million in the Sewer fund.
- The total combined cumulative investment income for FY 2021 through May is \$6.7 million.

DWSD Retail Revenues, Receivables & Collections (page 41)

- Water usage through May 31, 2021 is at 93.70% and revenues at 94.69% of budget.
- Sewer usage through May 31, 2021 is at 96.01% and revenues at 100.01% of budget.
- Combined accounts receivable balances for the water and sewer funds report an increase of \$30.4 million over the prior year.
- Past dues over 180 days make up 66.6% of the total accounts receivable balance. The current bad debt allowance covers 98% 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 5.0% of the total accounts receivable balance.
- The Highland Park past due balance is \$47.9 million. It includes \$36.5 million for wastewater treatment services, \$1.8 million for industrial waste control services, and \$9.6 million for water supply services. In FY 2021, Highland Park has made five payments totaling \$2.8 million through May 2021 which currently falls short of anticipated payments. The GLWA Legal team is pursuing options for additional collections.

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

Welcome to the September 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: Setting up and Maintaining Your Bonfire Vendor Profile

Ensuring that your Bonfire Vendor Profile is properly filled out and regularly updated enables you to receive important notifications from both Bonfire and from the GLWA Procurement Team. See below for GLWA's best practices for setting up and maintaining your Bonfire profile.

1. Use the full and unabbreviated name of your business when registering.
2. Select commodity codes that reflect the goods and/or services that your business provides. This will enable you to receive Bonfire's automatic solicitation alerts that are customized to you. (Please note that GLWA uses [NIGP commodity codes](#). A full list of these codes can be found on the [GLWA Vendor Webpage](#). For helpful guidance on selecting commodity codes, please see the [September 2020 Procurement Pipeline](#).)
3. Update contact information as needed to reflect any employee turnover and consider using a distribution-style email address (e.g., bids@xyz.com) to help ensure that important notifications communications are received in a timely manner.
4. Review and update your email inbox settings as needed to ensure that Bonfire notifications or GLWA communications are not misdirected to junk or spam folders.

Lastly, please note that if you wish to stop receiving email communications from GLWA, you must delete your Bonfire profile. As a public organization, GLWA is unable to alter or delete any of the vendor records that have been created in GLWA's [Bonfire Procurement Portal](#). If you have any difficulty in updating or deleting your Bonfire profile, please reach out to [Bonfire technical support](#).

Visitor COVID-19 Badged Access Requirements Remain in Effect Until Further Notice

On August 24, 2021, GLWA issued [Coronavirus Update #137](#) to vendors stating that all current Visitor COVID-19 Access Requirements will remain in effect until further notice. Additionally, two new updates were included with this memo.

1. Vendors who work outdoors and can maintain an appropriate social distance from others will no longer be required to wear a mask while outdoors. ***Note masking requirements remain in effect for individuals entering GLWA facilities.***
2. Badged Access Visitors who have not provided on-site services at a GLWA facility for 30 days or more must submit documentation of a new, negative COVID-19 test that is no more than 30 days old. ***Note this applies only to Badged Access Visitors who have not submitted documentation of a full COVID-19 Vaccine.***

For a full overview of GLWA's Visitor COVID-19 Access Requirements, please review [Coronavirus Update #137](#). Any additional questions may be directed 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.

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 September 2021

Category	Description	Budget Estimate
Water System (next three months)		
Construction	Water Works Park Building Ventilation Improvements (CIP #115005)	\$10,180,000
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)	\$2,000,000
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
Construction	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	Baby Creek Screen Rehabilitation of Screens 2 through 16 (CIP #260623)	\$2,200,000
Construction	Conveyance System Infrastructure Improvements - Regulators and Backwater gate chambers (CIP #260701)	\$40,000,000
Design Build	Sewer Rehabilitation and Repair (CIP #260209)	\$12,200,000
Construction	Rehabilitation of Northwest Interceptor from 8 Mile Road to Warren Pierson (CIP #260205)	\$7,000,000
Water System (next four to nine months)		
Construction	Roof Replacement – Lake Huron WTP and Southwest WTP (CIP #171500)	\$3,000,000
Materials & Equipment	Springwells WTP Pumping Unit Procurement Package (CIP#114002 Contracts E thru G)	\$56,000,000
Materials & Equipment	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
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)	\$40,000,000
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	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 22, 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. Currently, GLWA has received over 17,000 claims that it is processing. The Office is responding to e-mails and phone calls from residents related to the rain events and GLWA’s claims process.

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 “What Does Due Care Compliance in Michigan Look Like?” presented by EGLE.

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. The City of Highland Park 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 693 Navahoe 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:	38
Contracts drafted or revised:	76
Subpoenas/Information requests received:	15
Subpoenas/Information responded to:	