



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

June 22, 2022

The Honorable
Board of Directors
Great Lakes Water Authority

RE: Interim CEO's Report – June, 2022

Dear Chairperson Quadrozzi and Directors:

I felt it was important to begin with a brief update on Highland Park. On the heels of this Board voting on June 2, 2022 to eliminate the bad debt recovery amounts related to Highland Park in GLWA's Fiscal Year 2023, our Financial Services Area (FSA) worked diligently to update and distribute charge allocation sheets to each member partner community. A special thank you to Chief Financial Officer Nickie Bateson and her entire team for their hard work and quick turnaround on this important task.

Continuing in the Financial Services Area, our Procurement Team has been busy with vendor outreach, working to expand the pool of companies that are interested in and qualified to do business with GLWA. Recently, Michael Lasley and Megan Savage from FSA presented during a U.S. Small Business Administration (SBA) webinar. Their participation is a continuation of our formal partnership with the SBA that was established in 2018 with the signing of a Strategic Alliance Memorandum which allows the SBA and GLWA to work together to match small business owners with future procurement opportunities within the Authority.

Wet weather season in southeast Michigan is upon us. In light of this, the GLWA team is focused on ensuring that system operations are ready to respond to inclement weather. A part of this response are the severe weather alerts we put into place last year. On June 6, we distributed our first alert of the season to the region to notify the public, especially those in low-lying areas and those who have previously experienced flooding, that the National Oceanic and Atmospheric Administration (NOAA) had issued a Flood Watch for portions of southeast Michigan. Thanks to a partnership between Wastewater and Water Operations, we have developed a Standard Operating Procedure for when these alerts will go out and will follow that SOP throughout the wet weather season.

Another wet weather education tool that we have developed is the new animated and live action video, "*Where Does the Water Go*," which describes our system, one of the most complex wastewater systems in the world, using vibrant animation and simple explanations to show what goes on beneath the pavement. I am so excited to be able to share this video as widely as possible – including with our member partners, other stakeholders and even educational institutions (since it was created for ages 12 and up).

This was a tremendous effort made successful by team members from Wastewater Operations, Public Affairs and First Fight, a Detroit-based video production and animation studio. You can watch the video [here](#).

GLWA has placed a significant focus on the health and well-being of our Team Members and offers a variety of programs through the Organizational Development Benefits/Wellness Team to engage team members in healthful habits. I wanted to call out a rather unique event that happened recently that put men's health at the forefront. On Friday, June 17, GLWA hosted its first Men's Health Celebration, which included GLWA team members sharing their personal health challenges and success stories and how GLWA benefits and wellness resources have been helpful. Guest speakers included a Well-Being Coach from Blue Cross Blue Shield of Michigan and a community health expert.

Earlier this month, the Asset Management Strategic Organization (AMSO) held its fifth annual All AMSO Team meeting to bring people involved in Asset Management from throughout GLWA together to recognize their hard work and the accomplishments that have been achieved over the last year. A central part of this day is the acknowledgement, by their peers, of team members who go above and beyond in their commitment to Asset Management. Two special awards were given out: Most Valuable Member to Katherine Miracle and Most Meetings Attended to Edwin Merriweather. There were also 10 Asset Management Heroes named: Brooke Ballard, Dan Aman, Shondell Daniel, Joe Burchi, Aaron Butler, Bryon Wood, Pat Butler, Candice Hobson, Joe Carl and Kassem Ajami. Congratulations, everyone, on being called out by your fellow team members for your commitment to Asset Management!

I will end with congratulations to our Apprenticeship Program. The Michigan Educators Apprenticeship & Training Association (MEATA) awarded GLWA as its Sponsor of the Year in recognition of GLWA's exceptional performance, superior dedication, and positive attitude with our apprenticeship program. Organizational Development Management Professional Adino May received the award on behalf of GLWA at MEATA's annual conference. It is so nice to see the hard work we have put into our apprenticeship program being acknowledged and rewarded!

PLANNING SERVICES

Asset Management Group (AMG)

GLWA's Asset Management Strategic Organization (AMSO) held its 5th annual All AMSO Team meeting on June 9, 2022. AMSO is GLWA's internal governance structure supporting cross-functional collaboration and strategic direction for asset management activities. The meeting was attended by 68 team members from all functional units across the organization including Executive Leadership Team members who serve on AMSO's Asset Management Leadership Team. The meeting was themed "**The Power of ONE Team.....Emerging stronger & more resilient!**" which truly exhibited the commitment to asset management best practices as the team came together to celebrate successes of the past year and prepare for future asset management challenges.

PLANNING SERVICES (continued)

As the excitement of past year's accomplishments came to light, the team recognized that we have another very busy year ahead. The team is currently heavily engaged with the requirements gathering and business process development for NEXGEN, our new Enterprise Asset Management System and preparing to kick-off the Project Management Information System (PMIS) for Capital Project Management. However, with the "The Power of One Team", emerging stronger and more resilient, team members left the meeting energized and ready to meet the new challenges.

With a challenging year behind us, and an even more challenging year ahead, we must pause to acknowledge the many team members across GLWA who work very hard every single day performing critical asset management functions and make notable contributions to asset management best practices. We provided team members the opportunity to nominate "Asset Management Heroes" and the "Most Valuable Member" who displayed key asset management characteristics over the past year. This was a great opportunity for team members' peers to acknowledge one another for the great work performed every day. Please join us in congratulating these valuable team members for their dedication to asset management!



...AND THE TOP TEN HEROES ARE...

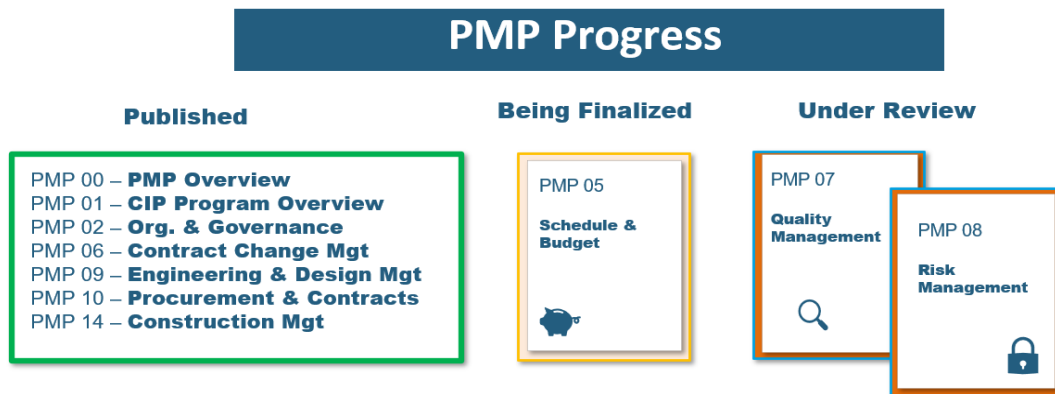


PLANNING SERVICES (continued)

Capital Improvement Planning Group (CIP)

In May, the CIP Team continued refining the master schedule to address the impacts of projects cost and schedules. The Team also initiated the development of project update forms to allow for the monthly updates by project managers. This effort is to support streamlining the FY 2024-2028 CIP, implementation of project management plan fundamentals, and set guidelines for project controls.

The CIP Team also continued change management efforts related to new CIP delivery roles and Program Management Plan (PMP) implementation. Chapter 10: Procurement of the PMP was finalized while two new chapters were initiated (Chapter 7: Quality Management and Chapter 8: Risk Management).



Also last month, the CIP and IT Teams continued negotiations with the Project Management Information System (PMIS) selected vendor “Kahua”. The teams engaged in product demonstrations and scope definition meetings lead by the IT Team on a weekly basis.

Lastly, the Team actively engaged in resume reviews and held interviews to fill current vacancies within the program including the Controls Manager, Schedule/Budget Management Professionals, and Professional Administrative Analyst.

Systems Planning Group

Wastewater Best Practices Work Group

On May 4, the Wastewater Best Practices Work Group met to share information about member and GLWA systems' responses to recent rain events, discuss the use of chlorine tablets as a backup disinfectant, and learn about GLWA's internship and apprenticeship programs. The purpose of this latter topic was for members to learn from GLWA's experience as they consider what they might do to address talent pipeline concerns for their organizations.

PLANNING SERVICES (continued)

Regional Collaboration Group

On May 13, the Regional Collaboration Group met to learn about the status of GLWA's Long Term Control Plan (LTCP) and provide feedback on how the LimnoTech consultant team is approaching evaluation of individual projects, as well as alternative optimization.

Watershed Hub Work Group



On May 18, the Watershed Hub Work Group met to share updates on the proposed investigational grab sampling program and related outreach to collect early feedback on the program design. The group also reflected on key accomplishments from the previous year and began brainstorming possible goals for its third year together. Finally, the group began planning a webinar for stakeholders, scheduled for June 29, 2022, which will focus on celebrating and learning from local and national water quality success stories.

Wastewater Analytics Task Force

On May 19, the Wastewater Analytics Task Force met to hear how the fiscal year 2021 flow balance would impact wastewater charges if the data was to be used to update member "SHAREs" of system costs this year. Note that "SHAREs" will be updated next for fiscal year 2025 charges. Members also learned about GLWA's work to test anaerobic digestion and a newer technology, hydrothermal liquefaction, as a way of addressing sludge produced at the Water Resource Recovery Facility. Finally, the group was provided an update on the LTCP.

Charges Work Group

The Charges Work Group met on May 19 to confirm the proposed timeline and process for the water charge methodology review and build a baseline understanding of the current methodology. The group met again on May 26 to discuss guiding principles for the water charge methodology review and to collect volunteers for a subgroup that will develop potential refinements to the methodology. The subgroup will meet every other week and bring refinements to the methodology to the full group for consideration.

Water Management Best Practices

At the May 25 meeting of the Water Management Best Practices work group, members discussed regulatory sampling requirements, public education needs and opportunities and identified an emergency scenario for use in a tabletop exercise at the Emergency Preparedness Workshop, planned for Fall 2022.

PLANNING SERVICES (continued)

System Analytics & Meter Operations (SAMO)

In 2018, the SAMO Group added an automated customer flow and pressure alert feature in the Wholesale Water Automatic Meter Reading (WAMR) portal. This feature provides member partners the option to signup (opt-in) and configure flow and pressure alerts to be emailed to them automatically. In 2022, GLWA reviewed the list of member partners who have signed up for this feature and a data review revealed that only a portion of the member partners were utilizing it.

At the Analytical Work Group (AWG) meeting in April, SAMO presented this data and proposed a WAMR portal feature with an automated weekly summary email to all member partners. This proposal was well received. The new “Max Day / Peak Hour Contract Compliance Weekly Summary” feature went live on June 6, 2022. An email alert is now generated if a member partners’ hourly and/or daily flow is above 90% of their contract limits.

This feature will make member partners actively aware of their flow status. An exceedance can result in a change in contract limits, which may result in higher charges for the exceeding member partner. With this notification, member partners may make operational changes to avoid exceedances.

At the June AWG meeting, SAMO presented on the new feature and member partners were appreciative of the new functionality.

The SAMO Group continues progress on the wholesale water meter pit rehabilitation and meter replacement program. The first project of this program started in November 2018. The scope of work includes construction work at 59-meter pits that have metering and/or meter pit condition concerns. Last month, coordination meetings were held with the City of Flint, City of Melvindale, and the City of Southgate. The planned work has been completed at 50 of the meter pit locations and is underway at another five locations.

GLWA Weekly Contract Compliance Summary
Date: Monday, May 30TH through Sunday, June 5TH 23:55

Daily Contract Compliance			
Date	Customer Daily Rate (MGD)	Contract Max Day (MGD)	Note
5/30/22	2.204	2.44	>90% of Contract Limit
5/31/22	2.236	2.44	>90% of Contract Limit
6/03/22	2.392	2.44	>95% of Contract Limit
6/05/22	2.778	2.44	Over Contract Limit

Hourly Contract Compliance			
Date	Customer Hourly Rate (MGD)	Contract Peak Hour (MGD)	Note
6/05/22 10:00 - 11:00 EST	3.237	3.34	>95% of Contract Limit
6/05/22 11:00 - 12:00 EST	3.229	3.34	>95% of Contract Limit
6/05/22 12:00 - 13:00 EST	3.25	3.34	>95% of Contract Limit
6/05/22 13:00 - 14:00 EST	3.195	3.34	>95% of Contract Limit
6/05/22 14:00 - 15:00 EST	3.127	3.34	>90% of Contract Limit
6/05/22 15:00 - 16:00 EST	3.09	3.34	>90% of Contract Limit
6/05/22 16:00 - 17:00 EST	3.126	3.34	>90% of Contract Limit
6/05/22 17:00 - 18:00 EST	3.127	3.34	>90% of Contract Limit
6/05/22 18:00 - 19:00 EST	3.218	3.34	>95% of Contract Limit
6/05/22 19:00 - 20:00 EST	3.302	3.34	>95% of Contract Limit
6/05/22 20:00 - 21:00 EST	3.255	3.34	>95% of Contract Limit
6/05/22 21:00 - 22:00 EST	3.098	3.34	>90% of Contract Limit
6/05/22 9:00 - 10:00 EST	3.143	3.34	>90% of Contract Limit

WASTEWATER OPERATING SERVICES

Wastewater Operations

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

Maintenance

An effort to beautify plant grounds has been taking place in the weeks leading up to Spring Clean-Up Week. This effort includes tilling, replanting grass, placing flowers in front of the New Administration Building and facility entrance, mulching, and cutting down dead and dying trees. This project is intended to motivate the staff to take pride in the clean-up efforts during Spring Clean-Up Week by demonstrating how beautiful the plant can look with some thought and care. The maintenance staff is excited and anxious to begin cleaning!



Beautification efforts at the WRRF include replanting grass in needed areas and adding plantings.

To minimize the number of spares required to meet firm capacity compliance requirements, the Primary Team is starting a project to standardize the gearboxes for all the circular primary clarifiers. Due to the clarifiers being initially constructed under different contracts, the gearboxes used were not standardized. The standardized gearbox has been selected and installed on circular clarifier 13 and will be installed on the remaining five circular clarifiers as replacement becomes necessary. This project will allow Logistics and Materials to keep fewer spare gearboxes on hand.



New motors and gearboxes installed on primary clarifier 13.

WASTEWATER OPERATING SERVICES



The washer/compactor unit received from Duperon.

In conjunction with the Energy, Research and Innovation Team, the Primary Team has received a screenings washer/compactor for a pilot trial at Pump Station 1. This trial will help operations and maintenance assess the functionality of this technology for use in our plant and determine whether the equipment will be worthwhile to include in future CIP projects at Pump Stations 1 and 2. The only cost to GLWA for conducting the pilot were in the material/labor costs associated with routing the electrical connections from the control panel to the unit itself. This pilot should help drive informed decision making in the design process for future screenings improvements. It will also increase Team Member awareness to new technologies.

The Residuals Team has been working diligently to prepare incinerators 13 and 14 for start-up. The incinerators have been out of service due to construction of new screw feeders and belt conveyors. The efforts of the Residuals Team include coordinating refractory inspections and repairs, testing all associated equipment to ensure the incinerators are ready for start-up, and coordinating burner safety checks for the incinerators with an outside contractor. These efforts were required to be done on a tight timeline to allow for some operation prior to stack testing in July. Kudos to the Residuals Team for their strong efforts!

Process Control Center (PCC)

In efforts to improve the support of the operations, maintenance and engineering, and the Process Automation and Control System (PACS) Team has developed a Smartsheet application to facilitate the submission and review of Instrumentation and Controls (I&C) submittals from the WRRF Design and Construction Engineering Team. The picture shows the I&C Submittal Review Interface.

Members of the PACS Team mostly manage contracts that are primarily I&C or cybersecurity related. All major capital projects are managed through Wastewater Engineering where PACS provide resident experts for reviewing the design and construction submittals for I&C.

GLWA
Great Lakes Water Authority

I&C Submittals Database

Use this form to submit all project documents that require review by the I&C team.
***THIS FORM IS NOT MEANT FOR SUBMISSION OF TROUBLESHOOTING. Reach out to SCADA Tech Doug Higgins at 313-999-1273 for Troubleshooting assistance whenever necessary.

NOTE: This database does not replace the project folder. All documents should be saved to their respective project folder.

Project Name

Requestion No. *
This is also the Project Number and the W&M Requestion Number. This is NOT the CIP number.
If Requestion Number does not exist yet AND an RFP or reference documents need preliminary review, type in zero below.
NOTE: Items without a Requestion Number will not be tracked in Project Deliverable Summary and may require additional follow up from Project Manager.

Document Type *

Requested Review by Date
Documents must be submitted minimum two weeks prior to review by date to guarantee timely review.
If the document needs to be reviewed in less than one week, call Basem Almatir directly at 313-949-5750 to coordinate review.

Submittal Number *
Only ONE submittal number per form submission.
Put in NA if no Submittal Number.

Submitter's Email Address *

WASTEWATER OPERATING SERVICES (continued)

The new Smartsheet application has a user front end for submissions and provides the PACS Team with a centralized location to obtain and track progress on submittal reviews.



The Team installed and has been testing Total Residual Chlorine (TRC) Analyzers at the CSO facilities. Sodium hypochlorite is used to disinfect effluent at the CSO Facilities. A TRC analyzer is an instrument that will provide a real-time value of the chlorine levels prior to discharge. Two different technologies/manufacturers are being piloted. Data is gathered and analyzed after a rain event. The picture shows a TRC Analyzer at the Hubbell-Southfield CSO.

Laboratory

The laboratory team continues its efforts to automate and optimize data collection for analytical analyses. This month the team is working on auto gas chromatography–mass spectrometry (GC-MS) data uploads for volatile organic compounds (VOC) and EPA 625 scans for phenols and base-neutrals. The automation will save approximately two hours of manually entering data into our Laboratory Information Management System (LIMS).

EGLE performed an audit for the EPA 524.2 VOC method. The final report is pending.

Industrial Waste Control (IWC)

A Unilateral Administrative Order was issued on December 4, 2020, to businesses and landowners residing within the City of Melvindale and designated as the source(s) of PFAS compound contamination. Marathon Petroleum has identified progress in cleaning contaminated stormwater culverts and in the ongoing groundwater cleanup activities.

A status call is scheduled for June 28, 2022. For Evans Distribution we have exchanged final versions of an Administrative Consent Order and stormwater reduction plan pending final execution. Norfolk Southern Railroad submitted an application for stormwater discharge, and we are finalizing comments.

We were notified that EGLE staff would initiate their pretreatment program audit beginning May 31, 2022, and a final schedule for file review and field verification is pending.

Engineering & Construction

Design Engineering

The Design Engineering Team is working on the following projects:

CIP 2122008, Contract CS-272 – Aeration Deck 1 and 2 Modifications. This design/build project will increase capacity of the reactors, provide better hydraulic control, mixing, energy and efficiency, and enhance our biological phosphorus removal, etc.

WASTEWATER OPERATING SERVICES (continued)

The review of the submitted Basis of Design Report (BODR) is complete. Three Design-Build teams were pre-qualified for the RFQ advertised in January 2022. RFP preparation is nearly complete, and we anticipate advertisement sometime in July 2022 for design-build project delivery.

CIP 216008, Contract 2000970 –Screened Final Effluent (SFE) Pump Station Rehabilitation. This project will rehabilitate/replace the current SFE pumping system which is old and oversized with a right-sized system that may also filter/disinfect a portion of the SFE to replace the current secondary water system (SW). SW uses potable water and this project seeks to reduce/eliminate the use of potable water. NORESKO is spearheading the concept of the project and is supposed to undertake the construction cost and will take the profit in the form of a reduction in costs of utilities, chemicals, etc. for some years before turning it over to GLWA. An Alternatives Analysis Report was submitted in April and reviews are currently underway.

JOC 2-01, Contract 2202079 - Pump Station 1 Gate Room Stairs Rehabilitation. Pump Station 1 (PS-1) was built in the 1930s. The stairwell leading down to the Gate Room has considerable damage and poses a safety threat. Lack of anchoring and settlement of the foundation wall is suspected. The problem has been identified and concept repair details have been developed. Preparation for a new JOC is just getting underway.

JOC 2-02, Contract 2202081 – Puritan/Fenkell CSO Effluent Channel Access Hatch and Outlet Gates. The CSO was built in 1999 which discharges overflow by gravity to Rouge River. The bottom of the outlet is at the river bottom and thus the channel bottom is full of mud and the river water backs up. This project will provide access down to the effluent channel to perform maintenance, including washing the accumulated mud and a gate system that can prevent river water from backing up during the cleaning operation. A preliminary concept and details have been developed to address the above, plus a sump for use with a portable sump pump. Preparation for a new JOC is just getting underway.

JOC 2-03, Contract 2202082 – Seven Miles CSO Effluent Channel Access Hatch and Outlet Gates. This CSO was also built in 1999 and has the same needs as JOC 2-02 above. This one has an additional issue with discharge sloping up towards the river bottom. Preparation for a new JOC is just getting underway.

TOES 26T, Contract 2100319 – B-House Upgrades. This replaces the current JOC 68, Contract 2100319 – B-House Reducer and Flowmeter Replacement. This project will address several problems in each of the secondary clarifier B-Houses (25 total). Problems included: leakage thru the concrete wall and a cracked pipe (48”) at the inlet side; corroding steel pipe increase (48” x 72”) and leakage from concrete at the outlet side; and lack of flowmeter electronics; etc. Prior repairs were undertaken on more than 50% of the B-Houses in recent years, but they did not fix the problems and have now resurfaced again. GLWA’s evaluations determined that the B-House walls lack sufficient reinforcement at the openings and will require proper treatment other than just replacement work or patching of leaks. Several delivery methods were considered including multiple construction projects.

WASTEWATER OPERATING SERVICES (continued)

The TOES consultant will prepare design documents that will allow work to be carried over a long period of time so that the clarification process is not affected. TOES work had progressed sufficiently for possible advertisement in early July 2022.

Construction Engineering

The Construction Engineering Team is working on the following projects:

Contract 2004735 – Design Build Contract for Incineration Complex Fire Repairs. The scope of work for this project generally includes the repair of fire damage that resulted from the September 20, 2020 fire that occurred at Incineration Complex II within WRRF. The work includes cleaning to remove smoke and soot residue, repainting the area, electrical repairs, and replacement of damaged wall panels and insulation. This project was awarded to Commercial Contracting Corporation (CCC) with a start work date of June 16, 2021. The required substantial completion date of the project is December 16, 2022, and the required final completion date is June 15, 2023. The contract amount is not to exceed \$2,587,000. The work is divided into four phases, and the contractor has completed the work associated with three phases and is currently working on the fourth and final phases. The picture shows soot and smoke damage repair to the ceiling of the upper floor of Incineration Complex II.



CIP 216004, Contract 1802410 – The rehabilitation of various Sampling Sites and PS#2 Ferric Chloride System at WRRF. Construction is progressing at site for Package A for all the sampling sites and for Package B for PS#2 Ferric Chloride system. The ML-1 (Training Building) roof platform is redesigned to meet the requirement of GLWA Security. The PEAS-1 sampling system is being redesigned to better sample. The main work remaining for Package A is for Oakwood, ML-1 (Training Building), and PEAS-1 sampling stations. The main work remaining for Package B is the feed pump skid installation and related plumbing, electrical, and controls work. The contractor is currently working on concrete pads for the feed pump skid. Package A work is about 70% complete, and Package B is about 75% complete. The picture shows a 3-inch SFE back flushing line and Bilco hatch installed at Oakwood Station.



Contract 2002393 (JOC Task 40) - Metering Building Repairs. The scope of work includes removing and replacing the existing hatch cover, catwalk, and conduit support, relocating existing HVAC ductwork, sandblasting, and painting the Metering Building basement ceiling, walls, meter, and meter piping.

WASTEWATER OPERATING SERVICES (continued)

The work is almost complete, however, the contractor needs to correct the construction deficiencies before declaring substantial completion. The contractor is reviewing options to correct the deficiencies. The picture shows the new catwalk installed and the ceiling, walls, and piping painted.



Contract 2100911 – The Baby Creek Roof Replacement, and Roofing Improvements for St. Aubin, Lieb, and Conner Creek Combined Sewer Overflow (CSO) Facilities. The scope of work includes replacing a portion of the shingled roof and associated items at the Baby Creek CSO facility and the installation of snow guards across the roof of St. Aubin, Lieb, and Conner Creek CSO facilities. This project was awarded to Schreiber Corporation with a start work date of June 21, 2021. The original required substantial completion date was February 20, 2022, and the final completion date was April 21, 2022. The dates were revised because of the supply chain and weather issues via Change Order No.1. The revised substantial completion date of the project is August 23, 2022, and the revised final completion date is September 30, 2022. The contract amount is \$999,000. The roof replacement work at the Baby Creek facility is nearing completion. The work at St. Aubin, Lieb, and Conner Creek CSO facilities are expected to be completed by September 30, 2022. The picture shows the Baby Creek roof being replaced.



The dates were revised because of the supply chain and weather issues via Change Order No.1. The revised substantial completion date of the project is August 23, 2022, and the revised final completion date is September 30, 2022. The contract amount is \$999,000. The roof replacement work at the Baby Creek facility is nearing completion. The work at St. Aubin, Lieb, and Conner Creek CSO facilities are expected to be completed by September 30, 2022. The picture shows the Baby Creek roof being replaced.

CSO Control Program

The CSO team is working on the following projects:

CIP 260614, Contract 1902224 – CSO Facilities Structural Improvements Program. The contractor is currently working at six of the CSO facilities, looking for opportunities to take advantage of the warm temperatures. The ongoing site repairs are as follows (including photos of progress):

- Baby Creek: sludge removal at influent channel; exterior crack repairs.
- Hubbell-Southfield: Basin 1 – roof joint sealant installation; Basin 2 – roof joint repairs, interior repair work.
- Belle Isle: skylight field measurements and submittals.
- Seven Mile: CFRP material procurement.
- Conner Creek: corbel repair; form and scaffolding removal.
- Oakwood – exterior basin crack injection.

WASTEWATER OPERATING SERVICES (continued)



Joint repairs at Hubbell-Southfield



Conner Creek corbel repair



Baby Creek crack injection

CIP 260618, Contract 2003330 – Oakwood HVAC Improvements. Work is progressing as permitted due to pandemic-related supply chain delays. At the end of June 2022, we will have a better idea of whether the pandemic-related delays will continue to impact the project or if the equipment can be secured and installation can proceed.

CIP 260612, Contract 2004666 – Conner Creek Dike Improvements. This project will be completed by mid-June 2022 with final restoration occurring the first full week of July. The GLWA Security portions of the project have been completed, and the last part of the work (seeding) remains.

CIP 260622, Contract 2100575 – CSO Emergency Generator Improvements Project. Submittals are currently being reviewed, after which, the contractor will place orders for long lead items and then wait for them to be delivered.

CIP 260623, Contract 2102618 – Baby Creek CSO Facility Screen Rehabilitation. This project was not kicked off in April due to challenges in the award process related to insurance. This project was awarded at the end of May 2022, and the kickoff is being scheduled for June 2022.

CIP 277001, 1902908 – Baby Creek Sediment Removal Project. Negotiations are currently ongoing, and easement acquisition is also be worked on by the GLWA Team. This project may move to August 2022 Board approval.

CS-299 – CSO Facilities Assessment Project – The final reports have been submitted. Over the next several months we will work on posting these documents to the GLWA public website. This project is transitioning into support for some of the quick-win tasks conducted during the project as we wind down. There will be a change order going to the Board for an extension of time on this contract to allow proper support of the quick-win tasks previously started.

Contract No. 2100136 – Hubbell-Southfield hanger replacement. Hanger replacement has started.

WATER OPERATIONS

Water Works Park Water Treatment Plant

WWP Chlorine Response Drill

Water Works Park (WWP) conducted a chlorine response drill. Team member titles involved in the drill included Water Technician, Water Technician Apprentice, Maintenance Technician, Team Leader, and Incident Commander. This drill also involved our Environmental Health and Safety Coordinator to oversee the drill. Additionally, Water Operations Leadership Team members observing the drill included the Director, Plant Manager, Management Professional, and Professional Administrative Analyst.

These chlorine response drills are especially important for new team members. The mock drill focuses on donning and doffing of Level-A suits, identifying chlorine leaks, and B-Kit familiarization. It also allows the Team to experience real life scenarios such as sweating in the suit, fogging safety glasses, fogging face shield and the awkward mobility of walking in the suits. Mock drills keep us on our toes and ready for any emergency.

Thereafter, the drill team came together and shared their experience and ideas for improvement. Some key improvement ideas were to create a checklist, chronological picture diagram for doffing and donning a suit, and possibly a small trailer to become a command center and house the supplies. We were impressed and proud of the teamwork that was displayed!

Springwells Water Treatment Plant

1930 Mixing Chamber Gates Rehabbed

The two influent gates to the 1930 Mixing Chamber received new stems, actuators, and top wedges to replace damaged or defective existing equipment. Under Contract No. 1802774 “SPW WTP 1930 Sedimentation Basin, Sluice Gate, Guides, & Hoist Improvements,” the 1930 Mixing Chamber was isolated several times to replace sluice gates further downstream. During these isolations several issues were identified with the gates, including bent and broken stems and broken top wedges on the gate.



Overview of project site with one stem being installed (L) and one already in place (R)

WATER OPERATIONS (continued)

A Construction Change Directive (CCD) was issued to the vendor to replace the broken equipment and 60-year-old obsolete actuators with new electric Rotork actuators. The vendor and their subcontractor were able to remove the existing hardware and install new in short time. These improvements make these gates easier to operate and will keep them in service for years to come.



*Left: Old stem during removal showing bend.
Right: New stem and actuator*

Water Quality

Water Quality Southwest Plant Reservoir Chlorination

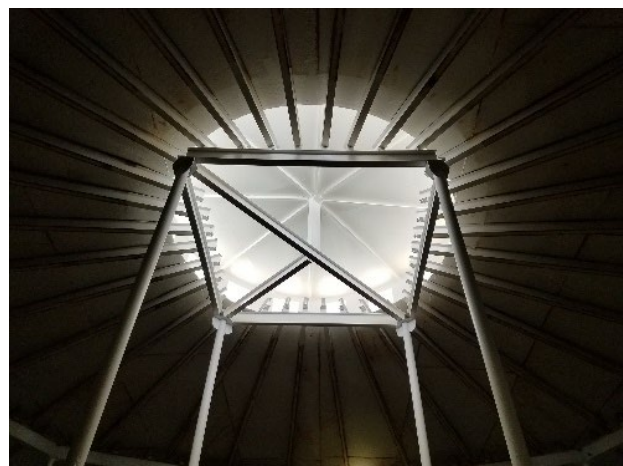
Water Quality performed an inspection of repairs and cleanliness of Southwest Plant Reservoir #2 for Water Quality disinfection process. Under CIP 170801, the contractor installed a new copula on top of the reservoir and supporting structural steel inside the tank, new vent screens, new cathodic protection system, and performed minor painting on the inside of the reservoir.



Due to limited staffing and Water Quality's focus on allocating resources to regulatory sampling and preparation for Lead and Copper before the Memorial Day holiday, the team managed to start the disinfection process with the assistance of Southwest Plant Operations and Maintenance Team Leaders. The process was completed just in time for Memorial Day and summer weather season.



Copula



Steel Structural 1

WATER OPERATIONS (continued)

Lake Huron Water Treatment Plant

Cryogenic Freezing Technology

On May 23, the Lake Huron Water Treatment Plant (LH) was scheduled to replace a valve on the process water line. This broken valve could not be replaced through conventional means, as there was no way to isolate the valve. A contractor used cryogenic freezing technology, in which nitrogen gas jacketed around the pipe, freezing the contents of the pipe to create an ice plug.

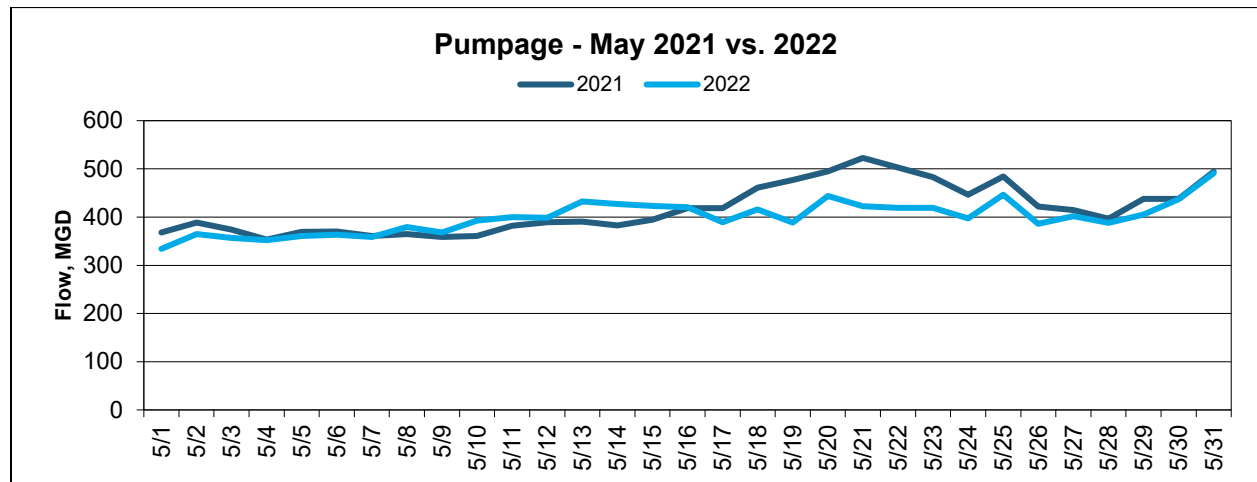
This procedure eliminates the need to drain long sections of pipe and shut-off, which reduces time. During this process, LH team members successfully ran plant operations without losing chemical feeds, and hydropneumatics pressure for valve and filter operations. The project was completed in five hours and the plant was returned to normal operation.

LH operations, chemists, and maintenance teams worked together to diligently monitor water quality and finish the project in a timely manner. The planning and hard work that goes into a project like this is greatly appreciated. Congrats on a job well done!



Systems Control Center (SCC)

May 2022 pumpage was 4% lower than May 2021



WATER OPERATIONS (continued)

Engineering

Contract No. 1803258 “Northeast WTP Flow Control Facility”

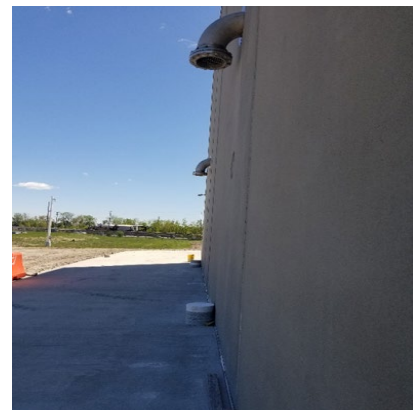
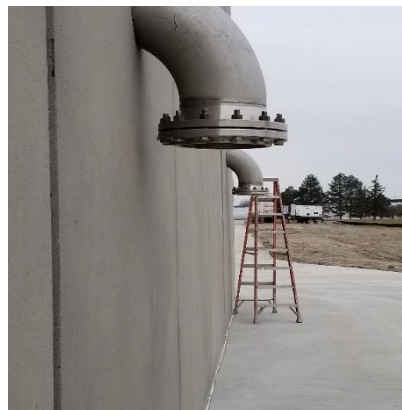
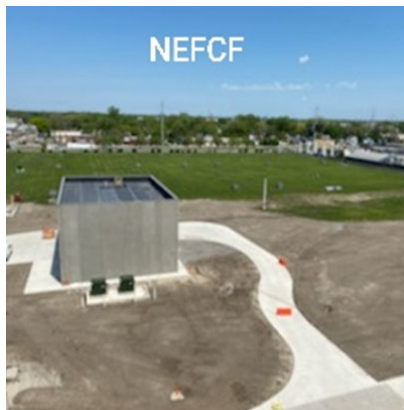
Project Manager: Mike Garrett

During the last three months, the final portion of the 84-inch pipeline installation was completed, cleaned, and disinfected. After passing Bac-T tests, an attempt was made to open the bypass at the Garland Main to charge the pipe under system pressure and establish a minimal flow to maintain water quality. It was discovered that the Garland Main had no pressure due to a shutdown for the 7 Mile Transmission Main project. GLWA is working to disinfect the affected transmission mains. Commissioning of the system will be able to be completed once service is restored.

The final tie-in to the Northeast Plant reservoirs at Junction Chamber 1 was recently completed and the reservoirs passed their Bac-T tests this week.

Start up and commissioning of an ancillary system is underway. Electrical and HVAC systems have passed inspections and are in operation. Some painting remains to be done, primarily on the steel frame structure and ceiling deck. Site restoration is underway, and areas that were seeded last fall are already turning green.

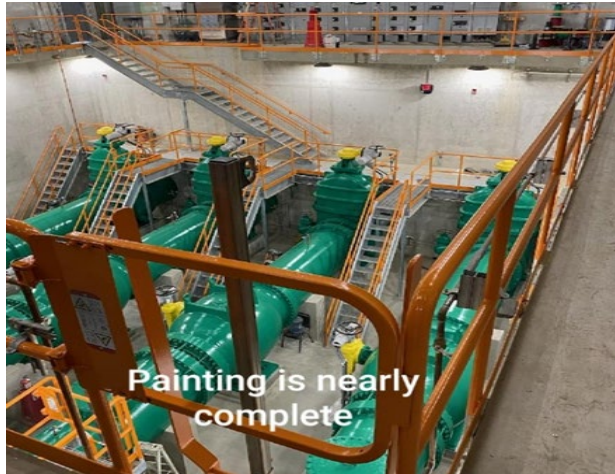
We are on track to reach substantial completion by the scheduled date July 7, 2022, which will be followed by training, and creating a punch list for the contractor to support final completion efforts.



Pictured left to right:

- 1. Aerial view of Northeast Flow Control Facility (NEFCF)*
- 2. Lower weir vent before height change*
- 3. Lower weir vent after height change*

WATER OPERATIONS (continued)



Contract No. 2002193 “Southwest WTP Chlorine Scrubber and Raw Water Screens Replacement”

Project Manager: Jacob Mangum

The design-build team met the substantial completion date for the design portion of the project on April 1, 2022. Upon completion, the “Issued for Construction” design documents were submitted to the Michigan Department of Environment, Great Lakes, and Energy for the Act 399 Permit and to the City of Allen Park for the building permit. Both permits were issued in the month of May 2022. The project is currently in the submittal review process with several of the larger lead-time equipment packages already having been approved and released. The three new traveling raw water screens are scheduled for delivery at the beginning of July 2022.

These will be replacing the three existing screens that are original to the plant and beyond their service life. The new screens will more effectively filter debris from the raw water in the low lift pumping station prior to water continuing in the treatment process. The new dry chlorine scrubber is scheduled for delivery in mid-July 2022. This new chlorine scrubber relies on pellets of sodium thiosulfate to scrub air of chlorine in the case of a leak in the chlorine room. The current wet chlorine scrubber is beyond its service life and in need of replacement.

One of the early work activities that has been completed is the removal of 1600 cubic yards of debris that had accumulated in the low lift pumping station wet well. This debris had been preventing the existing screens from correctly functioning and needed to be removed prior to installation of the new traveling raw water screens. This work was completed by underwater divers with the use of pumps and geotextile bags to dewater the removed debris.

WATER OPERATIONS (continued)



Pictured left to right:

- *Figure 1 (pictured left): Traveling raw water screen as seen during a site visit to the Karegnondi Water Authority facility. The three new screens at Southwest WTP will be similar.*
- *Figure 2 (pictured right): The 1600 cubic yards of debris removed from the Southwest WTP low lift pumping station wet well. The geo-textile bags retain the solids while allowing the filtered water to drain to the sewer.*

INFORMATION TECHNOLOGY

In the past month, the IT Security team has proactively blocked or thwarted 15,191 spam messages, 8,224 spoofed messages and 0 viruses. Additionally, 590 phishing attempts have been caught and 280 malware attempts have been blocked.

The IT Enterprise Asset Management Systems Team in conjunction with the Wastewater Operations Laboratory Team, completed the “HORIZON Laboratory Information Management Systems (LIMS) Upgrade and Enhancements” project. Over the past year and a half, this project involved two major software upgrades arriving at the latest available version, 13.2. In addition, 20 enhancements to the functionality and reporting within LIMS were made in partnership with the laboratory team. A communication board report is being finalized to track dry- and wet-weather sample collection in a visible way on a TV within the lab area.

This successful project allows Wastewater Operating Services to continue tracking and more efficiently meet sampling requirements for water quality compliance.

INFORMATION TECHNOLOGY (continued)

The IT Enterprise Asset Management Systems Team along with our vendor partner, NEXGEN, have completed and documented over 70 user requirement sessions across GLWA operating areas and groups to plan the configuration of Enterprise Asset Management (EAM) software. Business process workshops will begin in June to establish streamlined workflows for team members and contractors to use the NEXGEN software efficiently and consistently across GLWA.



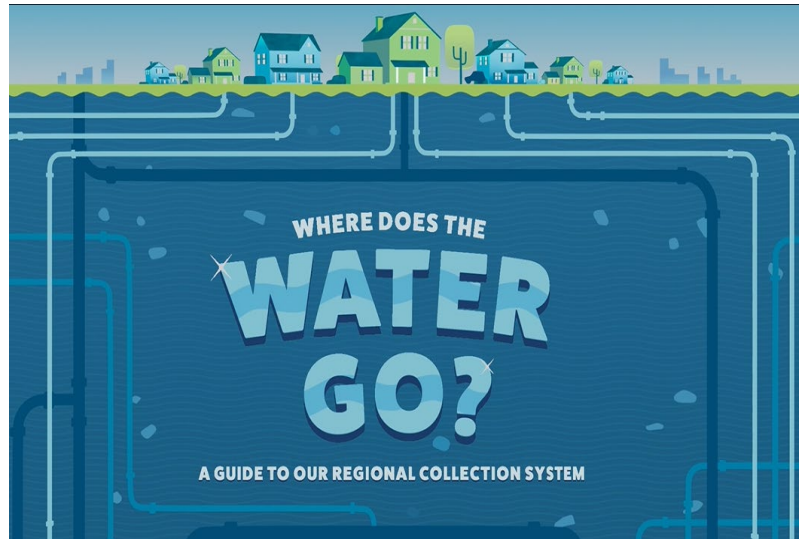
A snapshot of EAM Implementation Progress

Currently, the IT PMO is managing 22 active projects and is processing 7 project requests.

PUBLIC AFFAIRS

Where Does the Water Go?

The Public Affairs team partnered with Wastewater Operations to create an animated video to educate the public on how our regional collection system works. Titled, “Where Does the Water Go,” the video uses simple, easy to understand language and images to describe one of the most complex systems in the world. The video will be shared widely with not only member partners, but also stakeholders throughout the region as a public education tool.

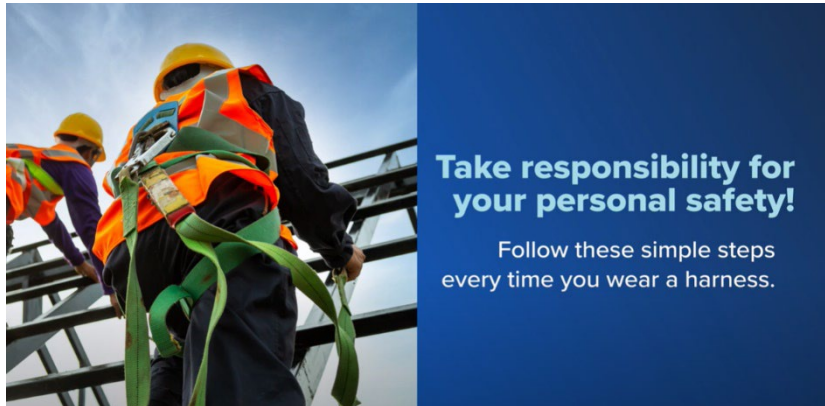


You can watch the video by clicking [HERE](#).

PUBLIC AFFAIRS (continued)

Harness Safety Video

Public Affairs has continued its ongoing collaboration with the Safety Team to create additional best practice safety videos. This new video shows team members how to properly wear a harness. Making sure a harness is safe and fits is crucial to personal safety.



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

Water Works Park Tour Boards

After nearly two years of planning and preparation, new Tour Boards have been installed at Water Works Park that explain the water treatment process one step at a time. The previous tour boards were more than 20 years old and in desperate need of refreshing. Although public tours of Water Works Park have been on hiatus due to the COVID-19 pandemic, when they are reinstated tour attendees will be guided through the tour by 14 new treatment step descriptors that include updated language and colorful photos.



PUBLIC AFFAIRS (continued)

Severe Weather Alert



On June 6, Public Affairs distributed its first severe weather alert of the 2022 wet weather season to the region. The alert notified the public, especially those in low lying areas and those who have previously experienced flooding, that the National Oceanic and Atmospheric Administration (NOAA) had issued a Flood Watch for portions of southeast Michigan. WXYZ-TV Channel 7 used the information to create a story for their website, which you can read [HERE](#).

Safety Month

June is National Safety Month. In celebration, new “Committed to Safety” banners have been placed at each of our facilities. While there is a commitment to safety at GLWA every month of the year, this is a special opportunity to thank team members for their ongoing commitment to keeping each other safe. Public Affairs also created specific safety messages that align with this year’s National Safety Month theme for the REACH monitors and ICEO Update and provided tokens of recognition for our “Caught Working Safe” program. Throughout the month of June, Health and Safety Coordinators and Leadership Team Members notice and recognize team members who make safety a priority on the job with a token of appreciation through GLWA swag or Little Caesar’s gift certificates.



SECURITY AND INTEGRITY

The Hazmat Unit coordinated and completed a total of 137 hours of training during the month.

The Security and Integrity Group continues to participate in the regular Emergency Operations Center's ongoing COVID-19 Pandemic briefings.

The Group has conducted a table-top exercise with Water Operations for the 96-inch construction project. In addition, a table-top exercise was conducted for WRRF, and is working on an after-action report.

Lastly, the group is continuing training with WRRF Management staff on the operation of the Ready-Op emergency notification system.

ORGANIZATIONAL DEVELOPMENT

Performance

The Final Review Performance Evaluations were launched in mid-May for FY22, for both union and non-union team members. As of June 13, 70% of the final reviews were complete.

Apprenticeships

EICT-E: Apprentices continued their Related Training Instruction (RTI) through Detroit Electrical Industry Training Center.

Maintenance Technicians: Apprentices continued their RTI through Henry Ford College and have entered their final rotation as they complete the last year of their apprenticeship.

Water Technicians: Apprentices in the first cohort completed their first RTI class at Macomb Community College. All cohorts are currently attending One Water Institute's Math Boot Camp to prepare for their Shop Math course at Macomb Community College.

Internship

Six interns have onboarded with GLWA. The interns also attended internship orientation conducted by the Performance Team. The orientation reviewed internship expectations and resources.

ORGANIZATIONAL DEVELOPMENT (continued)

Talent Management

Staffing

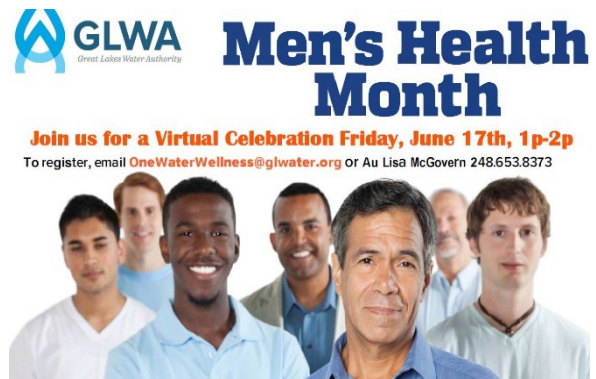
The table below provides a breakdown of GLWA Team Members since the last CEO report:

Number of New Hires	22
Number of Separations	14
Total Staffing - Regular FTEs (YTD)	955

Benefits/Wellness

June is Men's Health Month

GLWA hosted its first Men's Health Celebration led by GLWA team members. Team members shared their personal success stories in "Real Men Talk – Success Stories." Our resident reading guru shared his current book selections. An open forum invited the participants to share challenges, GLWA benefits, and wellness resources that have been helpful. Guest speakers included Jim Steinhebel, Well-being Coach with Blue Cross Blue Shield of Michigan, and Michael Randall, a community health expert formerly with the American Heart Association, now the Executive Director for the Grandmont Rosedale Development Corporation.



Financial Wellness

Financial Literacy workshops were held for all apprentices to assist them in creating individual financial wellness plans. Diversified Members Credit Union facilitated topics including how to improve your credit score, strategies for paying off debt, and budgeting tips.



Get your finances into shape! DMCU will be visiting to help you create a financial wellness plan that works for you.

ORGANIZATIONAL DEVELOPMENT (continued)



MissionSquare Retirement Plan Specialists hosted education sessions on-site and virtually at the Springwells and Southwest Water Plants. Retirement Plan Specialists also held one-on-one consultations with team members to review their individual goals and portfolio performance.

Wellness and Prevention

Spurred on by the 61-Day Team Walking challenge, Omada for Prevention helps participants lose weight and maintain that weight loss moving forward. This month, we celebrate GLWA team members' progress to date in working towards a healthier lifestyle.



Training

During the month of May, **120** GLWA team members completed **22** safety courses and seven non-safety courses for a total of **153** instructor-led training hours.

FINANCIAL SERVICES AREA

May 2022 Audit Committee Recap

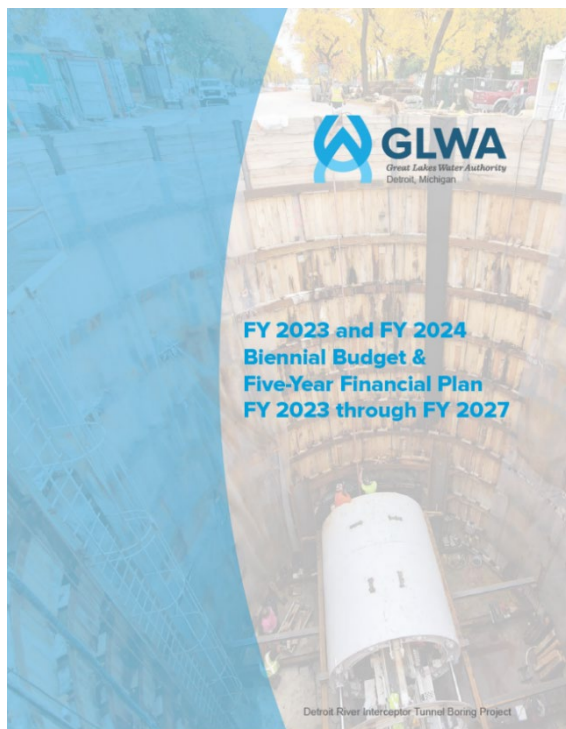
- ✓ The most recent Audit Committee meeting was held on Friday, May 27, 2022. The GLWA Audit Committee binders are publicly available at www.glwater.org. The meeting included the following topics:
- ✓ Presentation of a WRAP Funding Reallocation for the FY 2019 and FY 2020 fiscal years and proposed changes to the WRAP Program with a recommendation to submit these items to the GLWA Board of Directors for approval.
- ✓ A request to recommend to the GLWA Board of Directors approval of a resolution to adopt FY 2023 Drinking Water Revolving Fund (DWSRF) project plans presented for funding consideration.
- ✓ Requests to recommend to the GLWA Board of Directors approval of two resolutions in support of series ordinances associated with the closing of an FY 2022 DWSRF loan and an FY 2022 Clean Water Revolving Fund (CWSRF) loan.

FINANCIAL SERVICES AREA (continued)

- ✓ Review of the February 28, 2022, Monthly Financial Report (Executive Summary attached). A monthly update on the Business Inclusion and Diversity (B.I.D.) program.
- ✓ Discussion regarding the Quarterly WRAP report and Quarterly Investment report through March 31, 2021.
- ✓ Review of the annual Qualified Financial Institution analysis as required by the GLWA Investment Policy and Public Act 20.
- ✓ Presentation of the Annual Pension report which included discussion of financial results of the City of Detroit General Retirement System and the Detroit Water and Sewerage Department unit (which includes GLWA) through June 30, 2020 as well as a look ahead at net pension liability funding status and estimated future contributions based on the June 30, 2021 actuarial results.
- ✓ Circulation of the latest Procurement Pipeline.

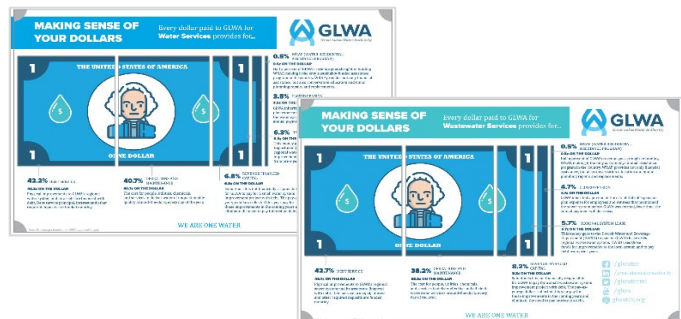
Yearend Reporting Deadlines

The Financial Services Teams are working to prepare the books for year-end review and update internal control documents for the audit. Portions of the FY 2022 audit may be conducted in person with the balance being conducted remotely. The auditors will conduct fieldwork in mid to late September 2022 and early October 2022. The FY 2022 audit must be completed within six months of GLWA's year-end of June 30.



FY 2023 and FY 2024 Budget Book

The [FY 2023 and FY 2024 Biennial Budget & Five-Year Financial Plan FY 2023 through FY 2027](#) 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)



Michigan Women in Finance

FSA team members Alicia Schwartz and Michelle Burt recently attended the Michigan Women in Finance annual conference held this year in Holland,



Michigan. Alicia is currently serving as MWIF Board Secretary and assisted in the planning of the event. The Annual Conference was held at the Haworth Inn and Conference Center located in the heart of Holland's historic downtown district and Hope College's campus. This year's theme was "Stronger Together Growing Together."

The conference offered many networking opportunities with finance professionals from across the state, many of whom support GLWA in a variety of capacities. Speakers at the overnight event included the president of Hope College, the director of the Holland Area Visitors Bureau, and several local business owners. Participation was strong, positive, and engaging at this first in-person conference since 2019.

Affordability & Assistance Update

On May 23, 2022, the Affordability & Assistance Team was invited by Wayne Metropolitan Community Action Agency (Wayne Metro) to an in-person event to meet the Wayne Metro team that administers the Water Residential Assistance Program (WRAP). Wayne Metro shared background regarding their agency and the other programs they administer. The highlight of the afternoon was when each team member introduced themselves, shared their role in administering WRAP and what they loved most about the program. Many of the team members that have been involved since the inception of WRAP are now in a leadership role within the agency. Team members expressed their appreciation for how WRAP has evolved over the years and their excitement for the upcoming program changes. Thank you, Wayne Metro!



FINANCIAL SERVICES AREA (continued)

Vendor Outreach Update



On May 12, 2022, Megan Savage and Michael Lasley presented at a webinar hosted by the U.S. Small Business Administration (SBA) for an audience of SBA registered small business vendors. Megan and Mike’s presentation on “Doing Business with GLWA” provided helpful information on how to navigate GLWA’s Bonfire Procurement Portal, submit a successful bid or proposal response to a GLWA solicitation, and fulfill the requirements for GLWA’s Business Inclusion and

Diversity (B.I.D.) Program. GLWA’s presentation was followed by a Q&A session with attending small business vendors.

GLWA is proud to continue its formal partnership with the SBA, which was first established in October 2018. The Strategic Alliance Memorandum (SAM) signed by both GLWA and the SBA allows the SBA and GLWA to work together to match small business owners with future procurement opportunities within the Authority. In turn, these small businesses can create jobs, contributing to healthy local communities and economies. GLWA has an assigned SBA liaison with whom we collaborate on small business vendor outreach events. GLWA thanks the SBA for hosting this event and looks forward to future opportunities for collaboration!

Procurement Pipeline

The June Procurement Pipeline edition is attached. This month features helpful tips on types of GLWA solicitations, vendor masking updates, who to contact to schedule a virtual vendor introduction with GLWA, a reminder of the information available in the monthly Interim CEO Report, and a listing of upcoming solicitations.

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

Respectfully submitted,

Suzanne R. Coffey

Suzanne R. Coffey, P.E.

Interim Chief Executive Officer

SFM/dlr

Attachments

- April 2022 Executive Summary
- June 2022 Procurement Pipeline
- General Counsel June 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:

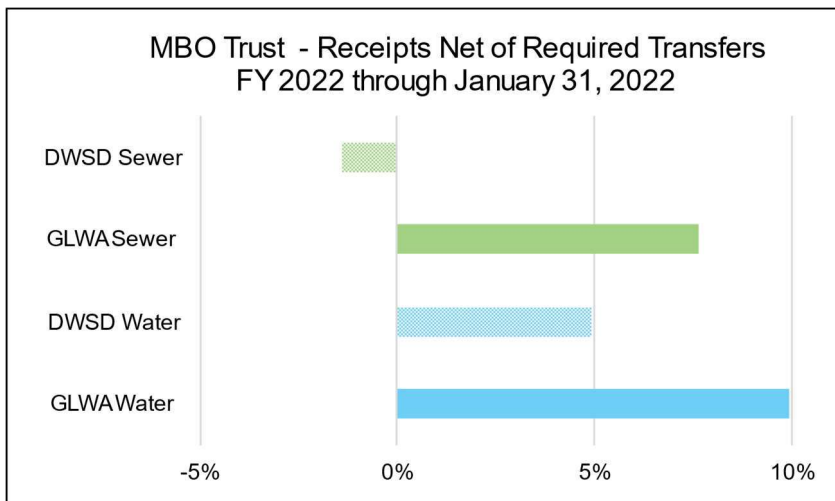
No Risk (green) - Potential (yellow) - Likely (red)

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. To address the wholesale water revenue shortfall, a first quarter budget amendment was approved for \$2.4 million. Capital spend is less than the total CIP; an amendment is under consideration.

As of January 31, 2022					
Metric	FY 2022 Budget	FY 2022 Amended Budget	FY 2022 Actual	Variance from Financial Plan	Report Page Reference
Wholesale Water Billed Revenue (\$M)	\$196.6	\$194.2	\$192.4	-1%	48
Wholesale Water Billed Usage (mcf)	8,378,000	8,158,000	7,974,000	-2%	
Wholesale Sewer Billed Revenue (\$M)	\$158.3	\$158.3	\$158.3	0%	50
Wholesale Water Operations & Maintenance (\$M)	\$84.0	\$84.0	\$77.2	-8%	5
Wholesale Sewer Operations & Maintenance (\$M)	\$105.8	\$105.8	\$104.1	-2%	
Investment Income (\$M)	\$1.8	\$1.8	\$2.2	26%	37
Water Prorated Capital Spend w/SRA* (\$M)	\$78.8	\$78.8	\$95.0	21%	28
Sewer Prorated Capital Spend w/SRA* (\$M)	\$47.3	\$47.3	\$38.8	-18%	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 53)



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 reports a surplus of \$2.8 million and

DWSD Sewer reports a \$2.3 million shortfall of net receipts over disbursements through January 2022. On August 26, 2021, the DWSD Board of Water Commissioners proactively adopted budget amendments to address potential shortfalls for FY 2022. These budget amendments are reflected in this January 2022 report. DWSD continues to monitor these balances and anticipates improved monthly receipts supplemented by tax lien collections will resolve the current Sewer shortfall before yearend.

The current DWSD loan receivable balance for fiscal year 2018 is \$3.5 million.

Budget to Actual Analysis (page 3)

- FY 2022 information includes the second quarter budget amendments which were approved by the Audit Committee on March 25, 2022 and pending approval by the GLWA Board on April 27, 2022.
- The total Revenue Requirements are on target through January 2022.
- The total Operations & Maintenance expenses are at 55.7% of budget through January 2022.

Basic Financial Statements (page 9)

- The Basic Financial Statements are prepared on a full accrual basis and reflect preliminary, unaudited results.
- Operating income for January 2022 is \$52.1 million for the Water fund (25.4% of total revenues) and \$79.8 million for the Sewer fund (28.8 % of total revenues).
- Water Net Position decreased by \$-2.7 million, and Sewage Disposal Net Position increased by \$2.7 million for the year to date through January 2022.

Capital Improvement Plan Financial Summary (page 27)

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

Master Bond Ordinance Transfers (page 30)

- For January, transfers of \$13.6 million and \$17.6 million were completed for the GLWA Water and Sewer funds, respectively.
- Also for January, transfers of \$3.2 million and \$7.4 million were completed for the DWSD Water and Sewer funds, respectively.

Cash Balances & Investment Income (page 36)

- Total cash & investments are \$418 million in the Water fund and \$446 million in the Sewer fund.
- Total, combined, cumulative, FY 2022 investment income through January is \$2.2 million.

DWSD Retail Revenues, Receivables & Collections (page 41)

- Water usage through January 31, 2022 is at 109.44% and revenues at 100.57% of budget.
- Sewer usage through January 31, 2022 is at 104.91% and revenues at 100.25% of budget.
- Combined accounts receivable balances for the water and sewer funds report an increase of \$47.7 million over the prior year.
- Past dues over 180 days make up 66.0% of the total accounts receivable balance. The current bad debt allowance covers 100.8% of past dues over 60 days.

GLWA Wholesale Billing, Receivables & Collections (page 47)

- GLWA accounts receivable past due balance net of Highland Park is 9.53% of the total accounts receivable balance, with the majority of that balance related to one water account dispute currently under discussion.
- The Highland Park past due balance is \$52.4 million. It includes \$40.2 million for wastewater treatment services, \$1.8 million for industrial waste control services, and \$10.5 million for water supply services. Highland Park has not made a payment in FY 2022 through January 2022.

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

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

Types of GLWA Solicitations – Request for Bid (RFB), Request for Proposal (RFP), and Invitation to Quote (ITQ)

GLWA routinely issues different types of solicitations in the [Bonfire Procurement Portal](#). A solicitation is a document used by a GLWA Buyer to obtain competitive bids or proposals for the purpose of entering a contract with qualified vendors. All purchases greater than \$50,000 require a formal solicitation process, which includes notifying vendors that GLWA wishes to receive bids or proposals on specified goods and/or services. Read below to learn about three of the most common types of GLWA solicitations.

Request for Bid (RFB)

This type of solicitation is used when needed goods and/or services can be completely described in the bid specifications and awarded based on pricing alone using a low bid evaluation method. RFBs are publicly solicited in GLWA's Bonfire Portal.

Request for Proposal (RFP)

This type of solicitation is used when needed goods and/or services are of a complex and technical nature that cannot be fully described in the bid specifications. As a result of this, the award of the contract must be based on factors other than price alone. For RFPs, these additional evaluation factors are identified in the solicitation documents. RFPs are publicly solicited in GLWA's Bonfire Portal.

Invitation to Quote (ITQ)

This type of solicitation is used to invite vendors to an informal process to quote on specified goods and/or services. At least three known vendors are contacted by the GLWA Buyer to obtain competitive price quotations. ITQs do not exceed the \$50,000 threshold for small purchases and therefore are by invite-only for vendors who have active profiles in GLWA's Bonfire Portal.

Coronavirus Update #165: GLWA Masking Update – Masks Currently Required at ALL GLWA Facilities and Project Worksites

On May 16, 2022 GLWA issued [Coronavirus Update #165](#) to the Vendor Community, indicating that Wayne and St. Clair County had risen to “RED” on the Centers for Disease Control and Prevention (CDC) [Community Levels](#) list. As stated in [Coronavirus Update #159](#), this means that ***face masks are currently required for all Visitors who provide onsite services at any GLWA facility or project worksite, regardless of its location, until further notice.*** Questions regarding this matter, or COVID-19 Visitor Access Requirements, should be directed to [Michael Lasley](#) and [Megan Savage](#).

Virtual Vendor Introduction Meetings

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

Keeping up with GLWA

Our Interim Chief Executive Officer (ICEO) Monthly Report provides a wealth of information and news about important initiatives within GLWA's service territory that impact GLWA, its member partners, and the public. To read the May 2022 Monthly Report, please [click here](#).

What's Coming Down the Pipe?

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

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

Visit GLWA online!

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

Upcoming Solicitations June 2022

Category	CIP #	Description/Project Title	Budget Estimate
Water System (next four to nine months)			
Construction	170802	Reservoir Rehabilitation Construction Services Phase II at Waterworks Park, Northeast, and Booster Stations.	\$35,972,000
Construction	112003	Northeast WTP Medium Voltage Electrical System Improvements	\$20,000,000
Construction	114002C	Springwells WTP Low and High Lift Pumping Station Improvements	\$133,000,000
Wastewater Systems (next four to nine months)			
Construction	260802	WRRF Roofing Improvements	\$4,300,000
Construction	232002	Freud Pump Station Improvements	\$75,000,000
Design	270001	Pilot Netting Facility	\$1,500,000
Design-Build	261001	WRRF Rehabilitation of Secondary Clarifiers	\$6,000,000
Water System (next three months)			
Construction	114017	Springwells WTP 1958 Flocculator Replacements	\$22,000,000
Materials & Equipment	114002E-G	Springwells WTP Pumping Unit Procurement Package (Contract E thru G)	\$57,000,000
Materials & Equipment	114002H-J	Springwells WTP Process Valve Procurement Package (Contract H thru J)	\$13,000,000
Wastewater (next three months)			
Design-Build	212008	Aeration Decks 1 & 2 RFP (invite to RFQ selected teams only)	\$74,000,000
Construction	211006	WRRF Pump Station #1 Improvements	\$73,400,000
Construction	260903	WRRF Front Entrance Rehabilitation	\$3,300,000
Construction	O&M	Incinerator #11 Rehabilitation	\$1,200,000
Construction	260206	Rehabilitation of Joy Rd Sewer & Brush/Bates Sewer	\$16,000,000
Design	273001	Hubbell Southfield CSO Facility Improvements	8,554,480
Construction	O&M	Plumbing Shop Rehabilitation	\$1,500,000
Projects moved to Procurement Team (Preparing for solicitation on Bonfire)			
Professional Services	O&M	SCADA System Professional Services	\$5,500,000
Engineering Services	260210	Rehabilitation of GLWA Sewers; Ashland Relief, Linwood, Lonyo, Second Avenue, and Shiawassee	\$6,900,000
Construction	114002B	Springwells WTP Medium Voltage Electrical System Replacement	\$52,000,000
Construction	211006	Rehabilitation of Pump Station #1 Improvements	\$60,000,000
Construction	211006	Pump Station #1 Screenings Building HVAC Improvements	\$1,200,000

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

Acronyms

WRRF: Water Resource Recovery Facility	CSO: Combined Sewer Overflow	WTP: Water Treatment Plant
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Office of the General Counsel

735 Randolph Street, Suite 1900
Detroit, Michigan 48226

Office of the General Counsel – June, 2022

- **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.
- **Legislative Updates:** The Office is also monitoring infrastructure spending bills at the federal and state level.
- **Gordie Howe International Bridge:** GLWA submitted its relocation reimbursement request to MDOT and received MDOT’s response. GLWA 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. To date, 13 lawsuits were filed against GLWA related to the rain events, two lawsuits were filed in the past month.
- **Trenton Water Main:** The Office is negotiating the transfer of the 24-inch water main to GLWA.
- **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. Office staff completed the Designated Management Agreement with SEMCOG. The water contract negotiation team has started the 2022 contract alignment/reopener process for all 84 member partners plus Detroit. Negotiations started successfully on March 17, 2022 and continue through October.
- **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. GLWA filed a Complaint for Declaratory and Injunctive Relief to require Highland Park to adopt the concurring resolution. The Office also continues to provide assistance on PFAS and PFOS matters.
- **Real Estate:** The Office is negotiating easements related to support the 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.

- **Member Outreach:** The Office continues to be an active participant in Member Outreach sessions.
- **Main Relocations:** The Office continues to support Water Operations in its discussions with community stakeholders regarding water main relocations.
- **Civil Litigation and Arbitrations:** The Office continues to vigorously defend actions against GLWA, including a class action lawsuit regarding IWC charges. GLWA received a favorable ruling against Highland Park in the 2020 litigation. Highland Park is making monthly payments pursuant to the recent decision in the 2020 litigation. GLWA’s motion for an expedited hearing on the 2014 case was granted, but a hearing date has not been set.
- **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:	33
Contracts drafted or revised:	129
Subpoenas/Information requests received:	6
Subpoenas/Information responded to:	8