



Office of the Chief Executive

735 Randolph Street, Suite 1900
Detroit, Michigan 48226

August 23, 2023

The Honorable
Board of Directors
Great Lakes Water Authority

RE: CEO Report – August 23, 2023

Chairperson Hendrix and Directors,

I will begin my report by sharing with you details of the 36-inch water transmission break that occurred just after 6:00 a.m. on August 1, 2023, on 24 Mile Road near North Avenue in Macomb County.

While crews were immediately dispatched to find and isolate the break, due to the large drop in water pressure, and out of an abundance of caution, GLWA issued a mandatory Boil Water Advisory for five communities: Chesterfield Township, Lenox Township, Macomb Township, New Haven, and the city of Rochester (Rochester east, GLWA District). We also immediately opened our Emergency Operations Center and held regular update calls internally, and with member partners, emergency management personnel, and elected officials from within the impacted communities.

I am proud to say that because of the outstanding work of our team members and their quick response, we were able to isolate the break within two hours and return pressure to the more than 152,000 people in the five impacted counties within four hours.

After both rounds of water quality testing came back clear and we confirmed that the water was safe to consume and cook with and met all Safe Drinking Water Act regulations, we were able to lift the Boil Water Advisory on Thursday, August 3. Repairs to the main were completed on August 11, and some minor restoration work will be ongoing until the end of the month.

I want to thank the residents of the five impacted communities, as well as our member partners, for their patience throughout this challenging situation and as we worked to fulfill our obligation to protect the public's health.

Pivoting to the 120-inch water transmission main in St. Clair County that experienced a break last year, I'd like to give you an update on the work we continue to do. As a part of our Linear System Integrity Program, GLWA and its consultant HDR, have completed the initial above ground survey of all 26.1 miles of the main between the Lake Huron Water Treatment Plant and the Imlay City Booster Pump Station. We will continue to access the 120-inch main and its various structures as we develop the full plan for the main's condition assessment.

August was also a busy month in our elected official outreach efforts with a variety of one-on-one meetings taking place with a broad cross-section of state legislators from throughout our service area. We were also pleased to be able to host a number of elected officials at our facilities for tours, including U.S. Representative Shri Thanedar and State Representative Tyrone Carter, who toured our Water Resource Recovery Facility (WRRF) , and seven members of the Oakland County Board of Commissioners who toured both the WRRF and the Water Works Park Water Treatment Plant.

We were also pleased to be able to provide a tour of our WRRF to 21 young ladies from Argentina, Brazil, Bolivia, Costa Rica, Honduras and Suriname who are interested in careers in math, science and technology and were visiting the United States as a part of the [Global Ties Detroit](#) program.

Now for my favorite part of this report everyone month – my opportunity to recognize GLWA team members for special achievements and accomplishments.

First, I would like to congratulate the team members in the Water Works Park Operations Lab who scored a perfect 100 percent in their recent proficiency testing for EGLE and as a result received a Certificate of Excellence. Congrats to everyone for their hard work!

Next, it's my honor to share with you that Associate General Counsel Kirsten Silwanowicz was named to the Michigan Lawyers Weekly 2023 class of Influential Women of Law. Kirsten was one of only three lawyers in the public sector selected for this honor (out of 33 total)!

Finally, I would like to share that Planning Services Management Professional Esther Baptiste recently graduated from the Transformative Water Leadership Academy through AWWA, where Chief Operating Officer Cheryl Porter, AWWA President Elect was the keynote speaker and Springwells Water Treatment Plant Manager Kieyona Bailey was selected for the Water Environment Federation's Water Leadership Institute for emerging leaders. It's amazing to see our bright and talented team members earning these wonderful opportunities!

PLANNING SERVICES

Asset Management Group (AMG)

NEXGEN Preparation

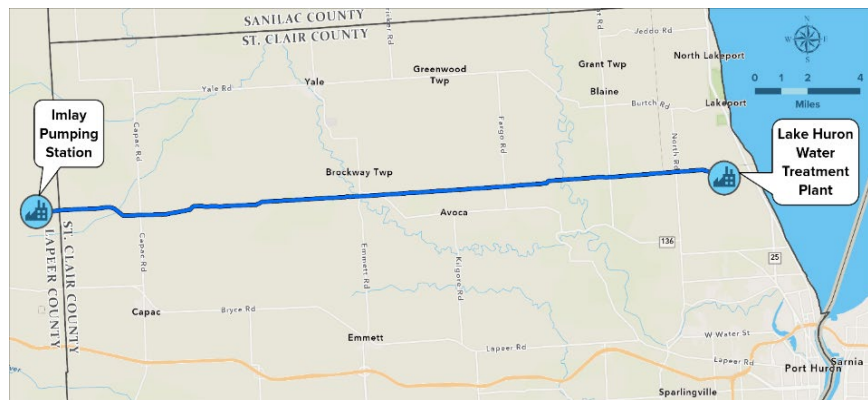
The AMG is continuing to support the implementation of NEXGEN, GLWA's new Enterprise Asset Management System that will replace the existing Oracle Work and Asset Management system. AMG has completed work on base asset data standards, work order configuration items and will continue to work on developing data standards related to asset nameplate specifications.

Upcoming changes to Key Performance Indicators

The AMG is working on aligning current maintenance and asset management performance indicators with industry standards. These indicators help measure and monitor changes in equipment performance and maintenance effectiveness.

Linear System Integrity Program (LSIP) 120" Above Ground Inspection

GLWA, with the help of our consultant HDR, completed the initial aboveground survey of all 26.1 miles of the 120-inch transmission main between the Lake Huron Water Treatment Plant and the Imlay City Booster Pump Station. The team performing the



initial aboveground survey collected survey and photographic data of the transmission main structures and points of interest. GLWA notified the property owners adjacent to the transmission main of the survey and the six communities in which the transmission main is located.

GLWA, along with our various contractors and consultants, will continue to access the 120-inch transmission main and its various structures including manholes, blowoffs, and air relief valves as we develop the plan for condition assessment of the 120-inch transmission main. Property owners may continue to see GLWA team members and our consultants along the 120-inch transmission main and its structures during the next several months.

PLANNING SERVICES (continued)

Capital Improvement Planning Group (CIP)

In July, the CIP Delivery Teams were actively engaged in a wide range of activities. Collaboratively, the CIP team, in conjunction with the water and wastewater engineering teams, conducted a thorough review of ongoing and upcoming CIP projects. This involved a detailed assessment of strategies and the application of diverse scenario-building techniques. The primary objective was to align the current project budgets and forecasts with the financial plan targets set for the FY 2025-2029 CIP development.

Throughout the month, there were focused efforts, including multiple alignment sessions specifically centered around water and wastewater scenario building. These sessions facilitated strategic decision-making processes that prioritized the immediate needs of the system while considering the broader implications on reliability, health and safety, and overall operational efficiency. This comprehensive approach ensures that each decision takes into account a wide range of factors crucial to the successful functioning of each evaluated system. Although significant progress was made in July, it is important to highlight that the alignment process is ongoing. The alignment process compares the capital needs with GLWA's long-term financial goals. The CIP delivery teams remain dedicated to this critical task, emphasizing a collaborative approach. With guidance and support from the Financial Services Area Team Members, the CIP delivery team will work towards a practical alignment between project priorities and financial imperatives to achieve the FY 2025-2029 CIP goals.

Additionally, we are pleased to provide an update on the collaboration between the CIP team and AECOM regarding change management. With AECOM's assistance, CIP continues to explore ways to streamline the execution of the Program Management Plan (PMP). In the previous month, a notable milestone was reached with the release of video-based training materials. These initial materials provide a comprehensive overview of chapters 9 and 14 of the PMP. Chapter 9 focuses on Engineering Design, while Chapter 14 delves into effective Construction Engineering Management. The choice of a video-based training format is strategic, ensuring sustained benefits. It caters to the evolving structure of the delivery teams, addressing newly transitioned Life Cycle Project Managers (LPMs), new hires, and future hires. Moreover, the incorporation of test questions at the end of each training video reflects our commitment to knowledge retention and comprehension. Importantly, these training modules also offer the opportunity to earn continuing education credits.

Continuing our pursuit of comprehensive organizational enhancement, we are excited to report the successful launch of the Change Leaders initiative in July. This initiative marks a pivotal series of topic-driven discussions dedicated to seamlessly managing transitions through various phases of project execution. These discussions are designed to facilitate the assimilation of changes in processes, tools, forms, and templates, all aligned with the PMP.

PLANNING SERVICES (continued)

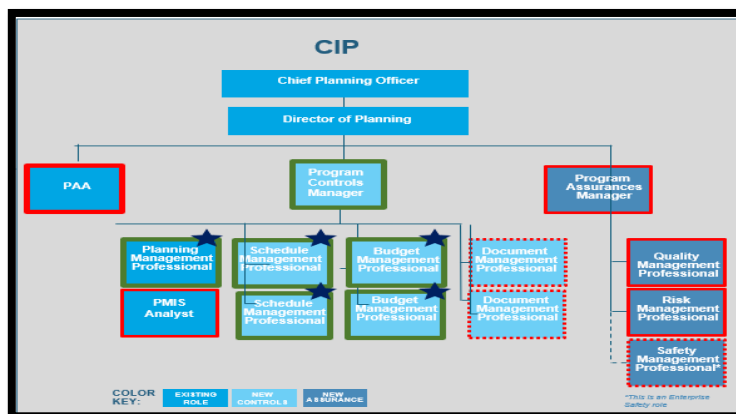
The inaugural session of the Change Leaders initiative, held in July, drew participation from a diverse group of stakeholders. Attendees included members of the CIP Core Delivery team, valued team partners, and leadership team members within GLWA. A unifying message resonated throughout the event, with impactful presentations from GLWA's CEO, Chiefs, and Directors. These leaders emphasized the pivotal role of PMP adoption and rollout, underscoring the initiative's significance.

This initial session serves as the first in a series of engagements, each focusing on a critical PMP topic. The main objectives of these sessions include several key aspects:

- Providing clear guidance on the immediate implementation of new processes, tools, forms, and templates.
- Mitigating the risk of reverting to previous work methodologies.
- Enhancing cross-functional team collaboration and communication.
- Encouraging ownership and support for new roles and responsibilities.
- Identifying actions required to implement new processes in new and existing project portfolios, where applicable.



Finally, we are excited to share some positive news from the CIP team. Our Controls team has welcomed a new member, Demarco Carter. Demarco has taken on the role of Budget Management Professional and officially joined the CIP team in July. His extensive experience in project scheduling and cash allocations aligns seamlessly with our team's commitment to CIP delivery support.



PLANNING SERVICES (continued)

Systems Planning Group

On July 11, the **Charges Work Group** convened to discuss the status of the water charge methodology review, as well as GLWA's rationale for key wastewater project cost assignments. The meeting began with opening remarks by GLWA CEO Sue Coffey, followed by a presentation on the water charge methodology review by Jeff McKeen of Southeast Oakland County Water Authority. Next, Bart Foster, from the Foster Group, delivered a presentation on CIP project cost allocation materiality followed by Ed Hogan from Wade Trim who ended the meeting with a presentation on Wastewater project cost assignments. As time ran short and Ed was not able to complete the presentation, we will continue the discussion on wastewater cost assignments at the next meeting of the Charges Work Group scheduled for September 5.

The **Communications and Education Work Group** met on July 13 to learn about the latest features of GLWA's Water Residential Assistance Program, and SEMCOG's current initiatives and engaged in a roundtable discussion of public education approaches to reduce illegal recreational vehicle waste dumping. The group also shared best practices for distribution system flushing programs to assist the Water Management Best Practices Work Group in preparing for an Operators Workshop in the fall.

On July 26, the **Watershed Hub Work Group** met to share updates on the implementation of the Investigational Grab Sampling Program. Information was shared by group members representing Oakland County, Macomb County, and the Alliance for Rouge Communities about weekly E. coli sampling being carried out in the Rouge and Clinton River watersheds. The group also discussed the structure of a proposed annual report to summarize the data being collected, weighed in on the U.S. Geological Survey's proposed phasing of the Regional Water Quality Monitoring Program and discussed opportunities to highlight local illicit discharge elimination success stories. The next Work Group meeting is scheduled for August 23.

System Analytics & Meter Operations (SAMO)

The System Analytics and Meter Operations group continues its progress working on the sewer meter upgrade/replacement program. The next project in the program is to upgrade meters at sewer meter sites DN-S-4 (City of Dearborn), AP-S-1 (City of Allen Park), GK-S-2 (City of Grosse Pointe Park); and two system meters DT-S-1 and DT-S-11. The construction work will begin soon. The program updates were presented at the Wastewater Analytical Task Force meeting held on August 11.

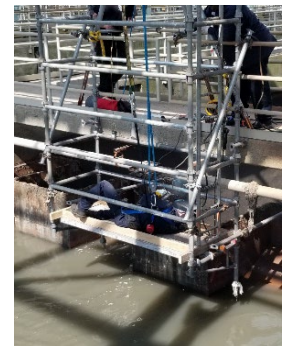
WASTEWATER OPERATING SERVICES

Wastewater Operations

The Water Resource Recovery Facility (WRRF) operations complied with the Water Quality Standards for the month of August, except for a compliance issue related to instrument calibration. Instrument calibration problems determined that there were no reportable results for one analytical batch of available Cyanide samples. This batch included samples from Outfall 050A (Rouge Outfall) for July 13 and July 15 – July 19, 2023. The samples were not available for re-analysis after the instrument returned to working order.

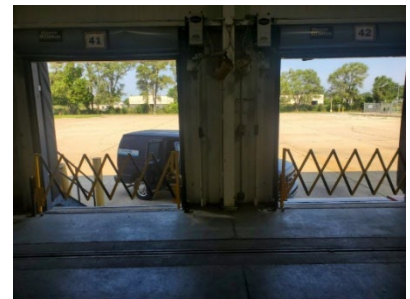
Maintenance

An air leak was identified above the Pump Station 2 (PS2) effluent channel. This channel remains in service nearly constantly and is very difficult and costly to completely drain when not in service. The Central Maintenance team was able to perform the repair to the pipe from above the filled effluent channel, which saves the cost of hiring contractors and of draining the PS2 effluent channel. The successful and safe completion of the job was a result of collaboration of the Primary Team, Central Maintenance, and the WRRF HAZMAT Team. It was a great example of day-to-day teamwork at the WRRF.



Maintenance Technician Jay Cleveland performing a repair to the air pipe over the PS2 effluent channel

An additional project completed by the Central Maintenance includes the installation of safety gates at the Rialto Warehouse. The installation of these gates will allow the Logistics & Materials (L&M) team to leave the loading bay doors open in the warehouse while mitigating the associated fall hazard. This project improves the overall safety of the Rialto Warehouse and improves the work environment for the L&M staff at the Rialto Warehouse.



Safety gates installed at the loading doors of the Rialto Warehouse

WASTEWATER OPERATING SERVICES (continued)

The Primary Team replaced the grinder at the Oakwood Sample House with a new make and model. This model was first tested in the Dewatering area on two belt filter presses. Over the two years of installation, the out of service time has decreased due to clogging more than the original grinders that remain installed on the other belt filter presses. The replacement of the grinders in the primary area is part of an ongoing effort to improve the reliability of grinder equipment across the WRRF.



The old grinder faced similar clogging issues experienced with the belt filter presses and has been replaced with a more modern model



MLP #7 immediately after being released back to operations upon the initial start-up testing

The replacement of the pull-out assembly for the main lift pump (MLP) #7 was completed and returned to Operations. The restoration of this pump provides maximum redundancy and flexibility for operations. Additionally, having this pump restored allows the Primary Team the flexibility to continue their reliability improvement initiatives for the grit channels of other pumps at Pump Station 1 (PS1). Their initiatives greatly improved the reliability of the grit collection equipment and aided in ensuring that the WRRF can withstand the worsening storms that are a result of the changing climate.

WASTEWATER OPERATING SERVICES (continued)

Laboratory

The team welcomes ***Elliott Bonais***, who is joining as a chemist this month. Together with Construction Engineering, the new Detroit River Interceptor (DRI) feed from the new ferric chloride system at Pump Station 1 (PS1) was started. Before the start-up, PS1 was fed from the old system at PS1 to drain the old tanks. Now, ferric chloride is exclusively being fed from the new system located at PS1 to PS1 and PS2. This is a consolidation of assets to improve facility optimization and long-term sustainability.



*Ferric Chloride system at Pump Station 2 servicing both pump stations (left)
Pump skid feeding to Pump Station 1 in the Pump Room (right)*



*Congressman Shri Thanedar
with Laboratory Team
members Aruna Mandava and
Lynda Kostrzewski*

The Laboratory team welcomed Congressman Shri Thanedar, a chemist by training, to the WRRF. Dr. Thanedar took a tour of the laboratory and met with chemists. (Photo shown left)

The WRRF Maintenance and Process Automation & Control System Team (PACS) teams installed a Total Suspended Solids (TSS) Sensor at the Laboratory Primary Effluent sampling location. This real-time information will assist the Laboratory team with making chemical dosing decisions during wet weather events. (Photo shown right)



*Total Suspended Solids (TSS)
sensor at Primary Effluent
(PE) sampling location*

WASTEWATER OPERATING SERVICES (continued)

Industrial Waste Control (IWC)

PFAS Compound Study – Community Grant – Last December, GLWA was approved to receive an EPA Community Grant to study Per-and polyfluoroalkyl substances (PFAS) Compounds in the Oakwood Sewer District. IWC has been working with GLWA Grants to submit a comprehensive document package for a National Environmental Policy Act (NEPA) Review, which is required whenever federal funds are expended for an environmental purpose. The submission was made on July 26, and we are awaiting a response from U.S. Environmental Protection Agency (EPA) Region V.

Engineering and Construction

Wastewater Projects in Design or Miscellaneous:

Capital Improvement Planning (CIP) Design:

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

The project was recently issued for bids. GLWA received six bids and the bids are under review.

CIP 211007, Contract No. 1904337 – Pump Station 2 Bar Rack & Grit System Improvements

The 100 percent design submittal was submitted in June. The project team is working with the Michigan Department of Environment, Great Lakes, and Energy (EGLE) for acceptance of the Part 41 Permit application and evaluating various questions and conditions in our model as requested by EGLE to understand system impacts as a result of performing this project.

CIP 211008, Contract No. 2101915 – WRRF Sludge Dewatering Pumps System Improvements

The basis of design and study technical memoranda are in development to ensure all stakeholders are on board prior to beginning design.

CIP 212008, Contract No. 2102926 – Aeration Deck 1 and 2 Modifications (WRRF)

The evaluation of the proposals is completed. Negotiation with the Contractor was delayed as GLWA assesses CIP impacts and works to understand implications of possible changes to the project resulting in scope reduction. Negotiations are anticipated to begin in August/September.

CIP216008, Contract No. 2000970 – SFE Pump Station Rehabilitation

The 60 percent drawings have been submitted and reviewed. Preparing Measurement and Verification Plan (M&VP), and the Lump Sum Price (LSP) for Phase 2 (Construction) for Board approval to proceed to the next phase. The M&VP and LSP are anticipated in September for this Progressive Design-Build project.

WASTEWATER OPERATING SERVICES (continued)

CIP 260210, Contract No. 2201041 – Design for Rehab of Ashland Relief, Linwood, Lonyo, Second Avenue and Shiawassee Sewers (ALL2S)

This project focuses on inspection and rehabilitation of the above-named sewers. The project has finished inspection of all sewers and is beginning the initial draft of plans for the basis of design report. There is a large section of the Lonyo sewer (2000 ft) that will not be inspected during design due to flow control challenges in the siphon under a large section of railroad tracks. The Ashland sewer from Jefferson to Freud Pump Station is under water. Coordinating its inspection during upcoming work at the pump station that will drain it temporarily for that work is in progress.

CIP 260619, Contract No. 2004538 – St. Aubin, Leib and Seven Mile CSO I&C Replacement

The 90 percent drawings have been submitted for all three Combined Sewer Overflow (CSO) facilities. 90 percent have been reviewed for St. Aubin and Leib, and a review is underway for Seven Mile. Construction activities are anticipated to commence in September for this Design-Build project.

CIP 260904, Contract No. 2200545 - Professional Services for 3rd Floor Renovation at WRRF NAB

This project will renovate the 3rd floor of the New Administration Building (NAB) to maximize and optimize the space utilization of the building as part of the Wastewater Master Plan. The consultant is working on the 95 percent construction development documents and specifications and scheduled to be submitted in the third week of August for review. A workshop for the 95 percent submittals is scheduled a week after the receipt of the documents.

CIP 270004, Contract No. 2101475 – CSO Facility Improvements

This project will implement several improvements to the Oakwood and Leib facilities identified in the CS-299 CSO Facility Needs Assessment. These improvements are intended to improve facility reliability, flexibility, operation, and safety to support planned increases in utilization of these facilities. This project is progressing towards the 30 percent design submittal which is expected to be submitted in September. The design team will host three workshops in September and October to support the finalization of the 30 percent deliverable. Workshops will cover reliability centered design, mixed reality tours utilizing HoloLens technology, as well as overview of the 30 percent design.

CIP Nos. 270006, Contract 2200061, Design Services of CSO Facilities Improvements

This project includes architectural and safety improvements to all CSO facilities as identified in the CS-299 – CSO Facilities Assessment Project, and chemical and process improvements to the St. Aubin CSO Facility. Many key design decisions were made in June and July and the consultant is working towards finalizing the Basis of Design (BOD) and beginning design drawings.

CIP 270010, Contract No. 2300183 – HVAC Improvements at Puritan-Fenkell and Seven Mile CSO Facilities

This project is currently in procurement for design services. We anticipate award and notice to proceed (NTP) in September.

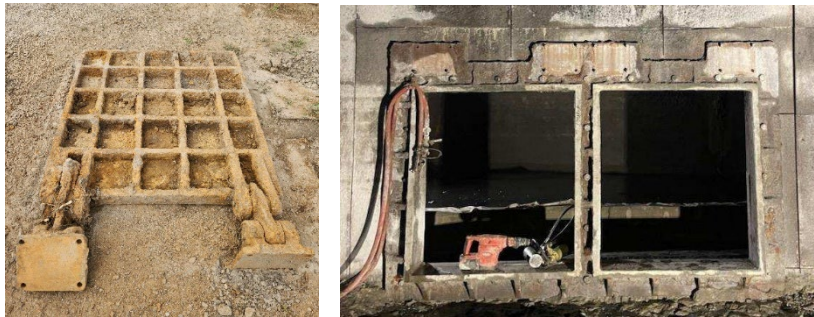
WASTEWATER OPERATING SERVICES (continued)

CIP 273001, Contract No. 2103225 – Hubbell-Southfield CSO Facility Improvements

This project was approved by the GLWA Board in July 2023. GLWA is working to finalize the scope of work and contract documents, and anticipates issuing a notice to proceed (NTP) in September.

CIP 277001, Contract 1902908 – Baby Creek Outfall Improvements Project

The contractor has removed the cast iron flap gates located between the two barrels of the regulator chamber. During the BOD process, field investigations determined that these flap gates were causing additional debris buildup and should be removed. The contractor has also begun the process of modifying the opening where the flap gates previously resided to provide a smoother transition, better flow, and reduced debris buildup. Debris removal from the outfall and subsequent disposal has continued as well.



Non-CIP Design; Task Order Engineering Services (TOES):

TOES 35T, Contract No. 2202034 – Sludge Pumps 21 through 24 Motor/Drive Improvements

The latest engineer estimate was provided to GLWA for this project and GLWA is currently evaluating options to assess if construction for this project in smaller pieces to align better with the operational budget can be done.

TOES 38T, Contract No. 2203014 – Complex II Conveyor System Fire Protection Improvements – Pilot System

This project will install fire protection devices inside the Complex II Incineration Building per recommendations by the insurance company. This will significantly reduce the risk of equipment damage and loss of property. The 100 percent design deliverables and request for bid (RFB) documents are scheduled to be delivered on August 16, 2023.

TOES 39T, Contract 2201974 – Secondary Clarifiers & B House Improvements & Flowmeter Replacement

This project will upgrade the 25 B-Houses currently in operation in the Secondary Department. The B-Houses were built in the 1970s and there are issues with piping (corrosion), concrete (requires reinforcement), and flow meters (instrumentation issues). Arcadis will provide the 60 percent submittal in September. Coordination will be required with CIP-261001, which is the rehabilitation of all Secondary Clarifiers and B-Houses.

WASTEWATER OPERATING SERVICES (continued)

TOES T2-02, Contract No. 23000191 – Professional Services for Incineration C-II Building Outside Freight Elevator

This project will install a new freight elevator outside the Incineration C-II building's south wall. Currently, contractors must use a passenger elevator to transport equipment and materials up floors in the incineration building. This leads to a frequent breakdown of the elevator, forcing GLWA staff to use the stairs to traverse through the 5-story building. The new freight elevator will improve transporting tools, materials and equipment throughout incineration and help keep the passenger elevator in service for the operations and maintenance staff. The 50 percent design deliverables are expected in September and will be reviewed and responded to.

Wastewater Projects in Construction:

CIP Construction:

CIP 211002, PC 795 – Pump Station 2 Pumping Improvements

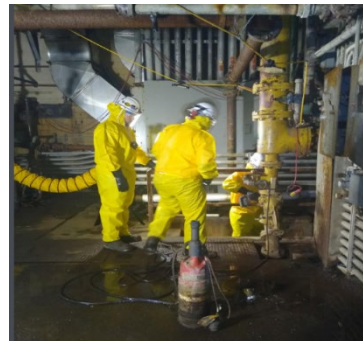
The new impeller for Pump No. 14 has been installed. A 10-day performance test is conducted and waiting for the official test results submittal from the Contractor for GLWA's review.

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

The Schedule of Values (SOV) has been approved. The revised REV 0 schedule comments were submitted to Weiss and is waiting for the finalized REV 0 Schedule for approval. Amendment 002 was executed for an additional federal funding requirements with no cost and schedule changes. Field verification and measurements are on-going by Weiss. Weiss has started demolition of the chlorine line in the tunnel. Wade Trim has a full-time Resident Project Representative (RPR) and inspector onsite and continues to provide construction management and assistance services.



Aerial Photo



Chem Line Demo Prep

WASTEWATER OPERATING SERVICES (continued)

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

The initial phase of operational demonstration testing has been satisfactorily completed for the ferric chloride system. The specified two-week outage of the ferric chloride feed to the Detroit River Interceptor is now in progress to allow the Contractor to install new ferric chloride piping to replace the old pickle liquor piping, and to remove the feed piping within the surge basin. This work will be followed by the second phase of operational demonstration testing for the entire system. The Contractor is working to correct anomalies noted during the first phase of testing in preparation for the upcoming second phase of testing. The second phase of chemical cleaning of the thickened waste activated sludge (TWAS) line was not successful in sufficiently removing vivianite deposits and the contractor is now preparing for a third phase of chemical cleaning.



*New Ferric Chloride Piping At PS-1
Pre-work Inspection*



*Surge Basin After Second
Chemical Cleaning*



Vivianite Remaining in TWAS Line

CIP 211011, Contract No. 2201762 - Pump Station 1 Rack and Grit HVAC System Upgrade (WRRF)

Pump Station 1 Rack and Grit HVAC System Upgrade Contract's notice to proceed (NTP) letter dated March 1, 2023, was issued to Clark Construction. The construction kickoff meeting was conducted on March 2. The major scope of work includes removal and replacement of roof mounted Air Handling Units, the associated ductwork, natural gas piping, controls, associated appurtenances and removal and replacement of exhaust fans, ductwork, controls, and associated appurtenances. At this time, the submittals are being submitted and reviewed and the long lead major equipment is being ordered.

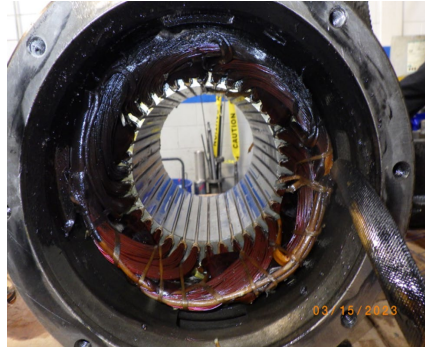
CIP 213007, Contract CON-197 – WRRF Modification to Incineration Sludge Feed Systems at Complex II (WRRF)

The CON-197 contractor is addressing the deficiencies identified during an attempted 30-day operational demonstration testing. Fire repairs were completed to restore screw hopper 8B to service. The Contractor is also repairing several motorized conveyor head pulleys that have failed and has submitted a testing plan to determine the root cause of the failures. The conveyor supplier provided submittals for necessary modifications of conveyor chutes, plows, and plow tables. After fabrication and installation of the modifications, the operational demonstration testing will resume. The Contractor is also planning to undertake the strainer backwash pipe modification work and spray nozzle modification work.

WASTEWATER OPERATING SERVICES (continued)



*Sludge Bypassing Conveyor
P-11/12 Plow*



*Conveyor P-7/8
Overheated*



*Conveyor P-7/8
Overheated*

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

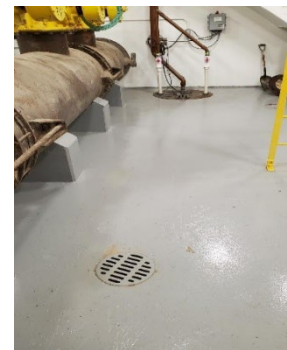
The Contractor is completing the remaining punch list items in preparation for final completion by the required date on August 6. As-built red-line drawings, equipment O&M manuals and warranties have been submitted and the spare parts turnover is scheduled. The contractor is assembling record documents for submittal. A final close-out change order is being processed to close out this contract.



*PS-2 Ferric Chloride
Pump Skid*



*PS-2 Ferric Chloride
Flow Meter*



*New ML-1 Sump Pit
and Floor Drain*

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

Five improvements have submitted 90 percent plans and comments are being collected. Five of the 18 improvements are submitting 90 percent plans right now. Eight of the improvements are planning to submit 75 percent plans for GLWA review. At least two bidding packages are expected to go out to bid, with the first going out in mid-August. A full accounting with actual bid prices and recommendation for approval is expected by October and for presentation at the December or January Board meeting.

WASTEWATER OPERATING SERVICES (continued)

Wastewater Engineering has a \$5 million dollar change order on the August Board agenda for the Construction Manager at Risk (CMAR) contract to secure enough funding to begin the construction in October, by ordering some of the longer lead time items and beginning the asbestos abatement in the tunnels under the Administration Building. Wastewater Engineering has a \$764,000 engineering services amendment to extend engineering services to May 2024 and support the Contract through design and the beginning of construction.

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

The Construction Change Directive is expected to provide assessment for additional areas at WRRF. Assessment of all Sludge Storage Tanks (SST) and Sludge Thickener Tanks (STT) at Complex A except STT 2 and Primary Clarifier #17 and #18 are completed. Contractor is assessing tanks at Complex B as they are available. The Contractor will be working to perform repairs at STT #14 starting August 7. With Operations' Agreement, all remaining STTs at Complex B will be repaired at the same time as shut down for assessment. The draft priority report has been reviewed and provided comments to Contractor for revision.



*PC#18 Effluent Channel
Assessment*



STT # 9 Assessment

CIP260204, Contract No. 2103688 – Rehabilitation of Connors Creek Sewer Systems (RWCS)

This project is in summer pause for grouting, rebar coating, and spot repairs. That work is expected to resume in October. Debris removal continues in the double barrel south of Harper and Conner streets. Debris removal work between Conner CSO and Conner PS is ongoing. 1,920 tons of debris were removed from the sewers in June. 47,000 tons are anticipated for removal in the project. Slip lining between Six and Seven Miles is scheduled to begin this fall. An engineering amendment is on the August Board agenda to secure additional funds for additional work and additional inspection as the project moves into a phase where it has four simultaneous operations.

CIP260206 - 2202757 - Joy Brush Bates Rehabilitation (RWCS)

The submittals for work plans and products are being approved for work to begin in August.

WASTEWATER OPERATING SERVICES (continued)

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

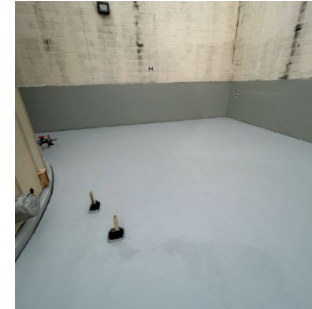
This project is scheduled to enter in front of the Russell Industrial Center on Clay Street, east of Interstate-75 in early August. The road closures in that area will affect heavy trucking, industrial, and entertainment as well as the Detroit Department of Transportation (DDOT) in that area. An Engineering amendment is on the August Board agenda to secure additional funds for additional work and additional inspection as the project moves past completion dates.

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

87% of the structural improvements are estimated to be complete, including additional repairs through Change Order No.1 by the end of July 2023. All repairs have been completed at St. Aubin, Oakwood, Belle Isle, Leib, and Baby Creek facilities. The punch list is in process at each completed facility. The Contractor will provide a proposal to replace the conduit enclosure by August 2, for GLWA’s review to determine if this work can be accommodated under this contract. Basin repair work is on-going at Conner Creek facility. Chem coating work at the Pan-Fenkell facility is ongoing and once completed, the Contractor will start chem coating work at the Seven Mile facility.



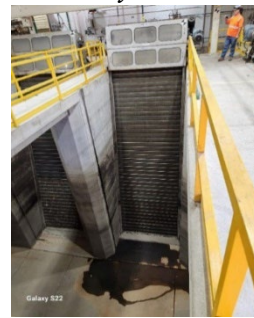
Capstones repairs at CON



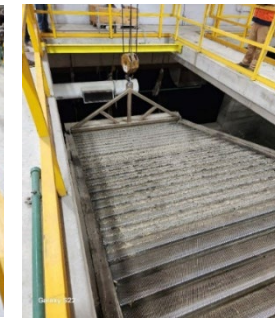
Chem Coating on floor at CON

CIP 260623, Contract No. 2102618 - Baby Creek CSO Facility Screen Rehabilitation

The contract was awarded to Commercial Contracting Corporation (CCC) on May 12, 2022, with a start work date of June 1, 2022, substantial completion date of September 14, 2023, and final completion date of January 12, 2024. The scope of work includes the rehabilitation of 15 CSO screens at the Baby Creek CSO Facility. Materials have been received and the removal and replacement of the first screen has started.



Typical existing screen at Baby Creek CSO



The screen is being removed for servicing

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

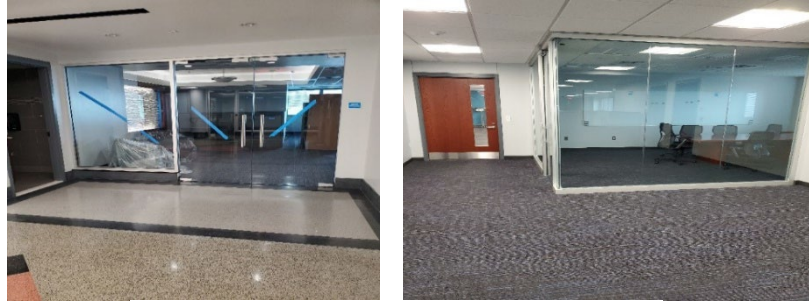
Shop drawing submittals and reviews are on-going, along with monthly progress meetings. Preliminary construction has started. The Building Permit was recently approved, and on-site work is expected to increase in August.

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

Construction activities are approximately 93 percent complete. The contractor is in the process of resolving construction deficiencies. The contractor installed the lobby double doors which will allow for fire alarm testing.

WASTEWATER OPERATING SERVICES (continued)

Other items which remain to be completed are GLWA logo signs, completion of access door hardware, testing and integration of the HVAC system, and completion of the installation of the data cabling and completion of lighting.



4th floor renovation nearing completion

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

The project kickoff meeting was held, and initial submittals are being developed and reviewed.

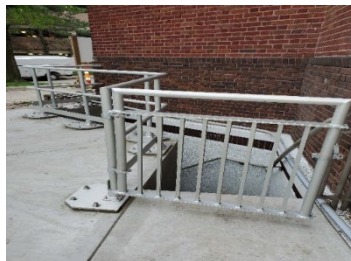
Non-CIP Construction:

JOC Task 70 – Contract No. 2002464 – Complex A Gallery SFP-2 Pump Replacement

Installation of the new Sludge Filter Feed Pump SFP-2 Pump/Motor is completed. The power wiring and controls installation is complete. The new SFP-2 will be ready for testing in August 2023.

JOC Task J2-01 Contract 2202079 – Pump Station 1 Upper Wet Well Stairwell Repairs

The scope of this project includes repairing PS1 gate room stairwell that has been damaged or poses a safety threat. The contractor has completed their work. This task will be closed soon.



Task J2-01 Upper Wet Well Stairwell



Task 2J-01 Upper Wet Well Stairwell

Contract No. 2201101 – Complex II Incinerator 11 Rehabilitation

The critical path shop drawings are under review along with other shop drawings and RFIs. Some residual sludge was in the Incinerator, and it has been removed.

WASTEWATER OPERATING SERVICES (continued)

CSO Control Program

CSO Operations

Operations have been active with captures from almost every facility this month with discharges from four out of nine locations; Conner Creek, St. Aubin, Oakwood and Hubbell-Southfield. Critical equipment worked as expected and there was just over 355 MG of CSO overflow into the Detroit and Rouge Rivers.

CSO Maintenance

In coordination with the skilled labor contract team, maintenance technicians and plant technicians have been working diligently on assisting contractors with repairing one of the failed chemical tank linings at Baby Creek Screening and Disinfection Facility; building scaffolding, filling, and flushing, etc. The tank is currently undergoing various tests to check the reliability of the new lining before we commission the tank to full-service status.



*Inside of Baby Creek chemical tank #2;
new spray on liner with scaffold
for further spark testing.*

WATER OPERATIONS

Water Works Park (WWP) Water Treatment Plant

Proficiency Testing for EGLE by WWP

The Proficiency Testing (PT) samples are ordered annually from an independent organization, Environmental Resource Associates (ERA) to assess the performance of the Chemists. ERA reports the submitted results to the Michigan Department of Environment, Great Lakes, and Energy (EGLE). Additionally, WWP submits these results to the EGLE Lab Auditor at the time of inspection, which is conducted every three years.

WWP Operations Lab submitted the PT sample results of 14 analyses in the month of June 2023 and received the assessments from ERA. WWP Operations Lab passed all the analyses receiving a score of 100 percent and the ERA's "Certificate of Excellence."

We are proud of the professionalism and dedication of WWP's Operations Lab chemists and look forward to the continued success of our WWP team.

WATER OPERATIONS (continued)

Jar Test for Optimum Coagulation Dosage

Jar Test is performed to determine the optimum dosage of the Coagulant such as Alum for the raw water turbidity. In this test, six jars of 2-liter volume are used. Raw water is collected in all six jars and coagulant is added to each jar at a different concentration. The jar tester has mixers and can be programmed to mimic the plant treatment process. The jar testing goes through different stages of speed starting from flash mix, slow mix, and about 20 minutes of settling. Once the settling process is done, the analyst conducts a visual inspection of each jar to see which jar has good settling of turbidity, collects the sample from each jar, measures the turbidity, and determines the optimum dosage for the coagulant.

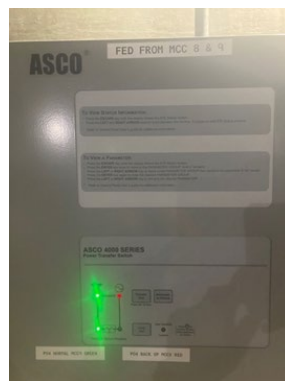


Chemists Vicki Reece and Kevin Haywood conducting the Jar Test

Lake Huron Water Treatment Plant

Recently, Lake Huron lost power to a Motor Control Center (MCC) highlighting a flaw in one of the chemical feed systems. This provided an opportunity for the staff to design, plan, and install a process improvement making the chemical feed system more resilient to future disruptions.

Lake Huron normally uses two pumps to feed phosphate, a corrosion control chemical, with three pumps available as redundant backup. However, the design had all five pumps being electrically supplied from a single power source. The Lake Huron maintenance team spec'd out a transfer switch and installed it which will allow the system to be electrically supplied from a separate power source if a similar electrical disruption occurs in the future.



WATER OPERATIONS (continued)

Springwells Water Treatment Plant

New Flap Gates Installed

Two new 48-inch flap gates have been installed to protect the sedimentation basin overflow and filter plant wash water drain lines from surcharges in the sewer system. In September 2021, an inspection of the sewer that carries all the Springwell’s waste wash water and sedimentation basin overflow was performed by Solomon Diving of Monroe, Michigan. The overall condition of the sewer and adjacent structures was good, but two critical pieces of equipment were identified as needing replacement.

The flap gate on the sedimentation basin overflow drain line had come completely off its hinges and the gate was sitting on the floor of the gate chamber. The filter waste wash water flap gate had a hinge that was almost completely worn out.

Upon discovering these conditions, the Springwell’s plant engineer Justin Kietur worked closely with Edwin Merriweather of the Water Operations Maintenance team to have two new gates furnished by Hydro Gate and installed by Solomon Diving. Due to supply chain issues, the new gates were not delivered to the Springwell’s site until April 2023. Solomon was able to quickly work to install the new gates with minimal impact on plant operations.



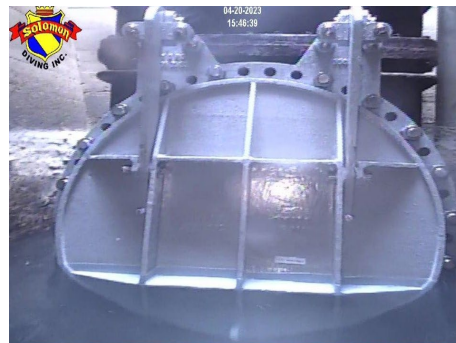
Condition of gate hinge as found during initial inspection



Flap gate being installed



Missing flap gate as found during initial inspection



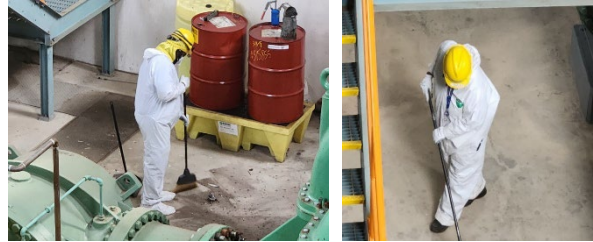
Same location with new gate installed

WATER OPERATIONS (continued)

Water Quality

Water Quality Clean Sweep Team at Water Works Park

Water Quality team members participated in WWP Operations Clean Sweep Day. The goal was to ensure WWP and Water Quality team members have a cleaner and safer work environment. A clean work environment requires good housekeeping. Water Quality participated by sweeping the floors of the high lift boiler area and high lift pumping areas. The team recognized unsafe conditions such as a blocked exit door and fire extinguisher with boxes of parts. Although the team does not usually work in the plant's water treatment areas, they realized that safety and housekeeping is everyone's responsibility. Boxes were put on a pallet and the WWP Maintenance Team moved it to a proper location. Although the areas were extremely humid and hot, the Water Quality team members maintained a positive attitude and took pride in the work that they accomplished. The Water Quality team members that participated were investigators Adedayo Ogunnupe, Esther Williams, Feleica Garrett, and Jake Wesley, in addition to Team Leader Yvette Hayes-Johnson.



WWP high lift pump area

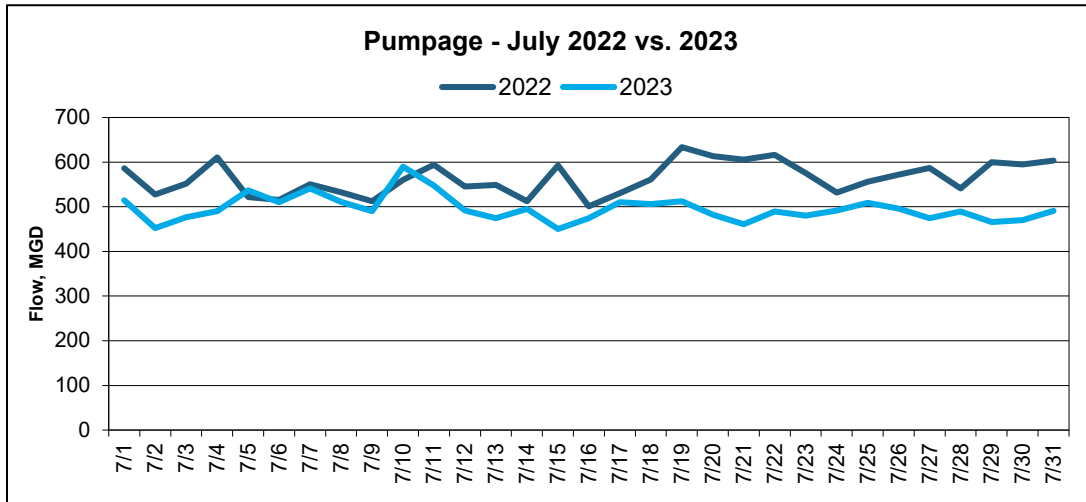


WWP boiler area

WATER OPERATIONS (continued)

Systems Control Center (SCC)

July 2023 pumpage was 12 percent lower than July 2022 pumpage



Engineering

Contract No. 2103380 – Water Works Park HVAC Improvements

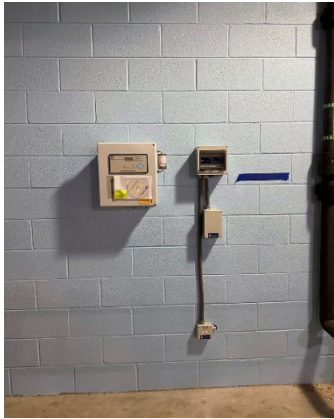
The existing ventilation system in process areas and chemical storage rooms at WWP are inadequate. Known system deficiencies include, but are not necessarily limited to, poor mechanical venting, poor air distribution, limited instrumentation and control, limited warning alarms, and limited integration with the Ovation SCADA system.

The project goals are to increase air exchanges and improved distribution of fresh air in areas of the plant that are susceptible to an accumulation of off-gassing from treatment chemicals. To achieve these goals, the existing HVAC systems will be demolished, and replacement and additional HVAC systems will be installed. The new HVAC systems consist of gas fired make up air units (MAUs), exhaust fans, ductwork, natural gas piping, ventilation control panels, electrical power, ambient air monitors and associated appurtenances. Structural work includes the reinforcement of existing roof systems for the new HVAC equipment and roof penetrations, and roof repairs to Ozone Contactor 1, where new units will be located.

- The underside of the roof for Ozone Contactor 1 has been repaired. Repairs included several hundred feet of concrete crack injection to stop water infiltration, and a repair was made to a large concrete spall.
- The exterior (top side) of the roof of Ozone Contactor 1 has undergone a large amount of work to repair unsound concrete. Crews removed the concrete that was in poor condition, power washed the area, applied sealant around the building, and began patching areas where the concrete was removed.

WATER OPERATIONS (continued)

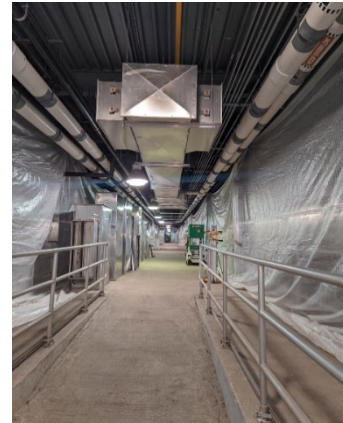
- Continuation of “pull ahead” work to prep for the installation of HVAC units has continued. This work included natural gas piping, ductwork, and electrical installations in various areas of the plant. Some of the natural gas line installation has required coordination with plant staff for safe shutdowns.
- The contractor has begun assembling roof curbs to mount the new HVAC units on.
- A total of 16 ozone and chlorine ambient air gas monitors have been installed to date.



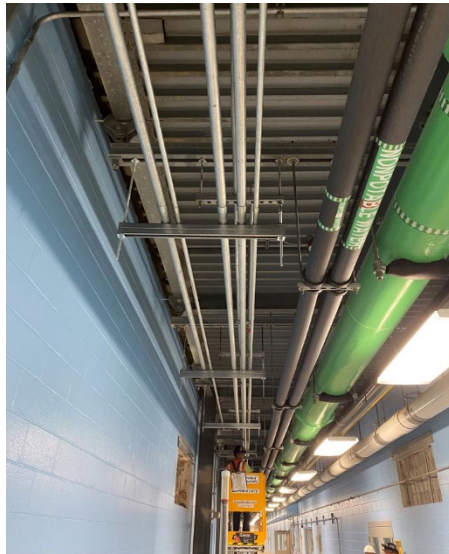
Newly installed chlorine and air monitors



Newly installed ductwork in sedimentation area



Newly installed ductwork in rapid mix area



Newly installed electrical conduit



Ongoing fabrication of electrical conduit

WATER OPERATIONS (continued)



Assembling and installing roof top curbs for new HVAC units

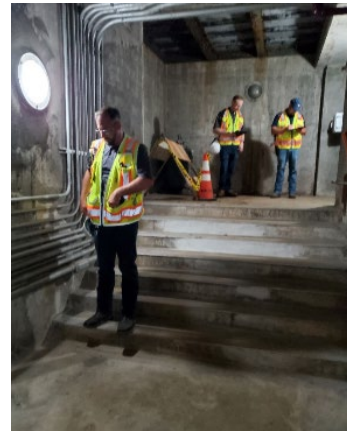
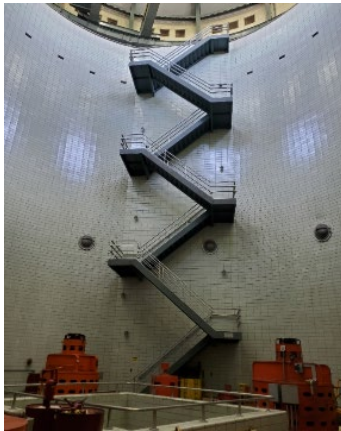


Overview of concrete removal and patching above Ozone Contractor #1

Facility Operations

Plant-Wide Lighting Replacement

In preparation of an energy reduction lighting replacement Request For Bids (RFB), a facilities electrician and technician walked through Northeast and Springwells Water Treatment Plants with Americas Green Lighting to assess our needs, develop specifications, and establish a budget to switch over to energy efficient lamps and fixtures.

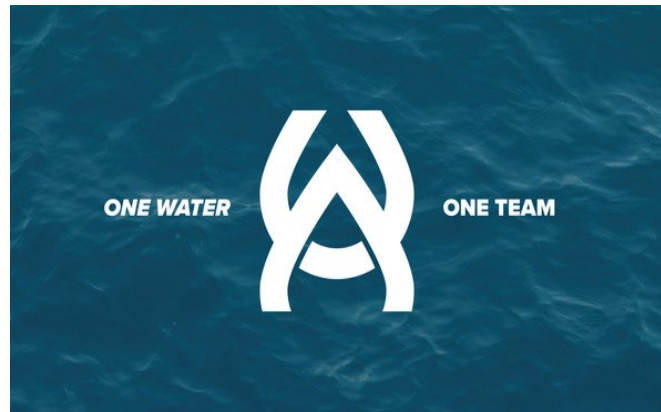


INFORMATION TECHNOLOGY

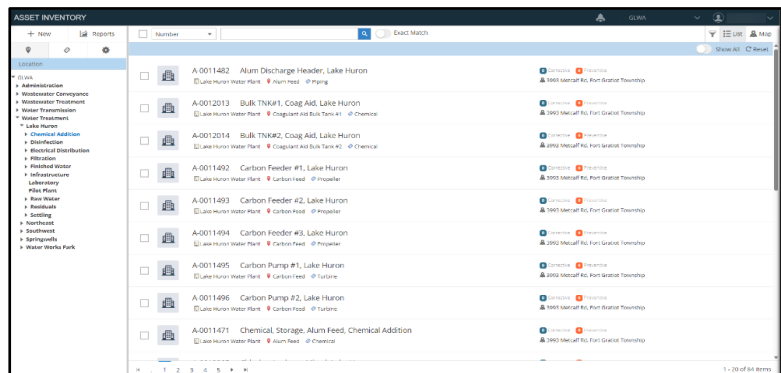
In the past month, the IT Security Team has proactively blocked or thwarted 44,644 spam messages, 15,230 spoofed messages and nine viruses. Additionally, 3,193 phishing attempts have been caught and 2,969 malware attempts have been blocked.

The IT Customer Service Delivery Team completed the new Windows 11 Operating System (OS) image to begin upgrading and replacing all GLWA Windows 10 OS devices. Once Microsoft sunsets Windows 10 on October 14, 2025, support, bug fixes, and necessary security patches will no longer be available. This requires the team to replace or upgrade approximately 1100 devices, offering improved performance, better features, and a more modern and efficient operating system.

All newly upgraded and replaced devices with the Windows 11 OS will be configured with the new GLWA One Water One Team background *shown right*. The new background will also be the new screensaver and was developed by the Public Affairs group.



The IT Enterprise Asset Management Systems Team along with our consultant partner, NEXGEN, continue to work on the second phase of the Enterprise Asset Management (EAM) implementation: System Configuration. The EAM Cross-Functional Team at GLWA continues to diligently focus on the development of the preventive (PM) and predictive (PdM) maintenance programs along with corresponding checklists and work order main tasks. Assets have been fully migrated to NEXGEN (*see screenshot shown right*). User Group permissions and assignments have been completed. System Configuration is expected to wrap up by the end of August and the implementation team will move on to the testing phase of the project.



In addition to configuration, the NEXGEN team has been busy working on system integration development, including the integrations with Workday. To date, integration builds for employee, eFleets, MISS DIG 811 and Power BI are complete.

Currently, the IT PMO is managing 19 active projects and is processing four project requests.

PUBLIC AFFAIRS

36-Inch Water Transmission Main Break Communications

Public Affairs assisted GLWA in continuing its commitment to transparency by keeping the public informed through a regular cadence of communications in conjunction with the Boil Water Advisory issued after a 36-inch transmission main broke on August 1. It was our goal to keep the people of the five impacted communities (Chesterfield Township, Lenox Township, Macomb Township, New Haven, and a portion of the city of Rochester) as up to date as possible. All communications (news releases, social media posts and website updates) were issued as new information became available. Details included what happened and what member partner communities needed to do to ensure their safety. A broad series of media interviews were also conducted by CEO Suzanne Coffey throughout the Boil Water Advisory. Communications ended when the Boil Water Advisory lifted after multiple rounds of testing confirmed that the water was safe to consume and cook with and met all Safe Drinking Water Act regulations.

Team Leader Communications

Recently, Public Affairs launched a new communications strategy with the focus of sharing important information, news and announcements with Team Leaders. The strategy includes bi-weekly emails and quarterly virtual meetings. The bi-weekly emails contain up to five short, easy to digest talking points for team leaders to share with their teams during daily meetings. Topics include training opportunities and requirements, wellness events, progression or review updates and other important GLWA team member-focused information. The virtual meetings will cover a topic in-depth and feature key subject matter experts as speakers. The first virtual event is targeted for late September.

GLWA 2022 Year in Review

GLWA's 2022 annual report (*shown below*) has been mailed to all team members and is now available online at www.glwater.org. The report features team member testimonials, achievements, and project updates during 2022, as well as a look ahead at GLWA's strategic vision.



PUBLIC AFFAIRS (continued)

One Water Public Education Campaign

GLWA once again partnered with SEMCOG for the annual One Water Public Education Campaign, which ran the first full week of June. A major part of this year's campaign was a focus on raising the profile of the excellent career opportunities that exist in the water sector. Public Affairs supported the creation of several recruitment-focused TV spots with video footage of GLWA's amazing team members and their career journeys. A link to that video can be found [here](#).

NEXGEN and Workday Videos

Public Affairs created two new videos, one for NEXGEN and the other for Workday. Each video features team members that have been heavily involved in the development and implementation of each system at GLWA. They discuss the major changes our organization should expect and the benefits of each of these systems. These videos will be used in kickoff meetings featured on our "Reach monitors" throughout our facilities.



To watch the **NEXGEN** video click [HERE](#).



To watch the **Workday** video click [HERE](#).

Elected Officials Tours

U.S. Representative Shri Thanedar Tours WRRF

GLWA hosted Congressman Shri Thanedar at our WRRF on August 3. The Congressman, who is a chemist by trade, showed a special interest in our lab. Our team was proud to show him all the hard work that goes into ensuring clean water and a healthy environment for his district and the surrounding region.



PUBLIC AFFAIRS (continued)

Oakland County Board of Commissioners Tour WRRF and WWP

A group of seven members of the Oakland County Board of Commissioners joined GLWA leadership and team members on August 3 for a tour of both our WRRF and our Water Works Park Water Treatment Plant. The Commissioners were given a full brief on the workings of the utility from both the water and wastewater sides to understand the entire process of the one water cycle in our region. We are grateful for the Commissioners' time and interest in how we continue to serve our member partner communities in southeast Michigan!



State Representative Tyrone Carter Tours WRRF

State Representative Tyrone Carter visited our WRRF on August 8 for a full tour of our wastewater operations. The tour consisted of a presentation on the facility that lies within Representative Carter's district, as well as a walk-through of our state-of-the-art lab and our chlorination and dechlorination buildings.



SECURITY AND INTEGRITY

The Hazmat Unit coordinated and completed a total of 196 hours of training during the month.

Security and Integrity assisted DWSD Security with the break-in of the East Payment Center building.

Security and Integrity assisted GLWA Facilities with a large tree down damaging the Rialto Warehouse fence line, and a gas leak at the warehouse.

Lastly, the Security Group attended the Downtown Partnership and Emergency Planning Committee meetings, and the Emergency Preparedness Response Pamphlet was distributed to all GLWA team members.

ORGANIZATIONAL DEVELOPMENT

Performance Team

Performance

Nine hundred and twenty-five (925) annual performance final reviews were completed in May and early June. Merit adjustments were effective on July 10, 2023, and were processed in team members' pay on July 28th.

Apprenticeships

GLWA currently has four active apprenticeship programs:

Apprenticeship	# of Apprentices
Electricians	16
Maintenance Technicians	2
Water Technicians	16
Instrumentation Technicians	6

Electricians (EICT-E)

The electrician apprentices have completed the annual electrical apprenticeship renewal application process for the State of Michigan and the City of Detroit Building and Safety Electrical Engineering. All renewal applications have been submitted.

Apprenticeship Grants

GLWA has developed relationships with community partners to provide wraparound support services for apprentices, and to obtain grants to support the cost of the apprenticeship program.

ORGANIZATIONAL DEVELOPMENT (continued)

During FY23, apprentices received support in the areas of transportation, tutoring, and financial literacy. Also in FY23, GLWA received \$82,150 in grant funds towards apprenticeship Related Training Instruction (RTI) through:

- Detroit Employment Solutions Corporation (DESC): \$40,000
- Focus: HOPE: Michigan Industry Cluster Approach (MICA) 3.0 grant: \$11,000
- Macomb Community College for RTI credit: \$31,150 credit (\$2,225 credit for 14 apprentices was applied to offset the cost of Macomb’s tuition)

Internship

There are 14 interns participating in GLWA’s second annual summer internship program. The summer internship program provides on-the-job learning and real-world experience to successfully prepare students for careers in the water sector while equipping them with essential skills to achieve lifelong success.

The summer interns attend the University of Michigan, Michigan State University, Wayne State University, University of Detroit Mercy and Haverford College in Pennsylvania.

Benefits and Wellness

Wellness Wednesday Meditations

Blue Cross Blue Shield of Michigan provided GLWA team members with calming techniques to help them reset and stay focused. Meditations included:

- Calming the Mind and Body
- Box Breathing
- Painting in Nature
- Relax, Release, and Let Go



Drop 5 Virtual Weight-Loss Community

Blue Cross Blue Shield of Michigan helped GLWA team members focus on physical health during the month of July. Well-being topics included:

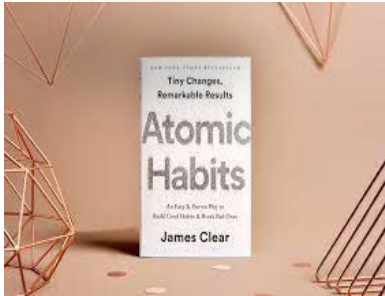
- Urinary Incontinence with Dr. Teronto Robinson
- Importance of Physical Activity with Dr. Patricia Ferguson
- Virtual “Hike” of the World’s Popular Trails
- The Importance of Friendships to Your Overall Well-Being

ORGANIZATIONAL DEVELOPMENT (continued)

National Credit Union Financial Education Network Conference



Au Lisa McGovern, Professional Administrative Analyst, Organizational Development was given the opportunity to submit a partner testimonial video for Diversified Members Credit Union (DMCU). Kathi Sitek, Vice President of Business Development used the video as part of her seminar to feature the GLWA community partnership cultivated by Au Lisa over the last 14 months. DMCU has been one of GLWA's financial education partners since 2022 providing financial wellness coaching seminars, as well as a homebuyer seminar. Most recently, DMCU has developed a dedicated website for GLWA team members to access DMCU information.



Ulliance Deep Dives Book Club

The second meeting of the GLWA Book Club was held on July 18, where team members with Ulliance once again visited the book entitled, Atomic Habits by author, James Clear. This discussion allowed a bit more leverage for team members to interact with others in the full group to discuss key points within the writing that influenced new habitual activities that will affect their everyday routine for their benefit.

MissionSquare Lunch and Learn Education Sessions



Invest in a shared sense of service™

**Serving Those
Who Serve Their Communities**

All GLWA team members were able to meet with MissionSquare retirement plan specialists virtually July 25. MissionSquare was also on-site for a lunch and learn education session at Northeast Water Treatment Plant July 27. For both dates, team members were able to review their retirement goals and portfolio performance during one-on-one consultations.

Training

During the month of July, **271** GLWA team members completed **32** safety courses and **20** non-safety courses, for a total of **349** instructor-led training hours. Also, seven GLWA team members completed **11**, 360Water online courses.

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	15
Number of Separations	15
Total Staffing - Regular FTEs (YTD)	1022

FINANCIAL SERVICES AREA

July 2023 Audit Committee Recap

The July 2023 Audit Committee meeting was cancelled although the monthly report binder was posted on our [website](#). The next regularly scheduled Audit Committee meeting is scheduled for August 25, 2023.

9th Annual Water Finance Conference 2023



Left to Right: GLWA Charges Outreach & Modeling Manager Matt Lane, GLWA Water and Field Services Engineering Manager Nichole Sajdak, and GLWA *Chief* Financial Officer and Treasurer Nicolette Bateson with the Cleveland Guardian in the background.

Nicolette Bateson, GLWA Chief Financial Officer and Treasurer, and Matt Lane, GLWA Charges Outreach & Modeling Manager, attended the two-day, 2023 Annual Water Finance Conference on August 8th and 9th. The National Association of Clean Water Agencies (NACWA) was a key sponsor of the event held in downtown Cleveland. The event also provided a tour of the city of Cleveland's historic Garrett A. Morgan Water Treatment Plant as well as the Northeast Ohio Regional Sewer District's Superior Street Pump Station.

The conference featured panelists and expert speakers addressing a variety of drinking water and clean water utility finance topics intended to support utility finance executives and decision makers engaged in funding waterinfrastructure needs in the United States. Nicolette was a panelist on the topic of Building Affordability into Rate Setting.

FINANCIAL SERVICES AREA (continued)

Another speaker was GLWA Water and Field Services Engineering Manager Nichole Sajdak, who provided an insightful presentation on the financial impact of responding to elevated Per- and polyfluoroalkyl substances (PFAS) concentration levels in water systems.

GLWA Finances – Past, Present, and Future

Currently the FSA team members are working through fiscal year-end close for FY 2023, while also focused on FY 2024 Q1 budget amendments, planning for FY 2025+ budget and charges, and end-to-end testing design for the ERP that goes live next year. Note that the organization continues to see inflationary and other pressure on both the operating and capital plans – briefing materials are presently being prepared with engagement of a cross-functional team for the Board of Director’s review in August and September.



Procurement Pipeline

Attached is the July Procurement Pipeline. This month’s edition includes the Procurement Tip of the Month "Attending Pre-Bid/Proposal Meetings for GLWA Solicitations and Submitting Questions in Bonfire." It also includes the announcement of a GLWA Vendor Outreach Event on September 25, 2023, notice of the Bonfire name change to "Euna Solutions", information on virtual vendor introduction meetings, a reminder of the monthly CEO Report as a helpful GLWA news source, and a list of upcoming solicitations.

The Office of General Counsel’s August Report is an attachment to the Chief Executive Officer’s Report

Respectfully submitted,

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

SRC/dlr
Attachments

- July 2023 Procurement Pipeline
- Office of the General Counsel Report

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

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

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

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

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

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

Bonfire (“Euna Solutions”) Name Change

Vendors may have received notice recently from Bonfire announcing a rebranding and name change to “Euna Solutions.” While communications from Bonfire will now be sent from the email domain @eunasolutions.com, GLWA wanted to assure the Vendor Community that no additional changes are expected and that the Bonfire Procurement Portal will continue to operate as usual.

GLWA’s Vendor Outreach Event

GLWA is excited to announce that we will be hosting a Vendor Outreach Event on September 25, 2023. This event will be held in-person at Laurel Manor in Livonia, Michigan. Stay tuned for additional information and registration details in future editions of the *Pipeline* newsletter.

Virtual Vendor Introduction Meetings

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

Keeping up with GLWA

Our Chief Executive Officer (CEO) Monthly Report provides a wealth of information and news about important initiatives within GLWA’s service territory that impact GLWA, its member partners, and the public. To read the June 2023 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 July 2023

Category	CIP #	Description/Project Title	Budget Estimate
Water System (next four to nine months)			
Construction	122004	96-Inch Water Transmission Main Relocation- Phase III	\$90,000,000.00
Construction- Pre-Purchase	122004	96-Inch Water Transmission Main Relocation- Phase III- Pre-Purchase Pipe	\$2,300,000.00
Construction- Pre-Purchase	122004	96-Inch Water Transmission Main Relocation- Phase III- Pre-Purchase Valves	\$3,000,000.00
Construction	122016	Downriver Transmission Main Loop- Phase I	\$20,700,000.00
Wastewater Systems (next four to nine months)			
Construction	260510	CSO Outfall Rehabilitation Phase VI	\$15,000,000
Construction	211005.2	WRRF Pump Station 2 VFD Replacements	\$12,000,000
Construction	211007	Pump Station No. 2 Bar Racks Replacement and Grit Collection System Improvements	\$96,000,000
Water System (next three months)			
N/A			
Wastewater (next three months)			
Construction	260211	Emergency and Urgent Sewer Repair II	\$6,000,000
Construction	232002	Freud & Connor Creek Pump Station Improvements	\$125,000,000
Design-Bid-Build	261001	WRRF Rehabilitation of Secondary Clarifiers	\$6,000,000
Information Technology (next three months)			
Professional Services	N/A	800MHz Radio Assessment and Solution Implementation	\$3,500,000
Projects moved to Procurement Team (Preparing for solicitation on Bonfire)			
Professional Services	O&M	CSO Facility Accusonic Meter Maintenance	\$3,000,000
Professional Services	O&M	Overhead Door Preventative Maintenance and Repairs	\$892,000
Professional Services	O&M	Snow Removal and De-icing Services	\$2,158,106
Professional Services	O&M	Water and Wastewater Services Charges Consultant	\$300,000

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

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Office of the General Counsel – August 23, 2023

- **Legislative Updates:** The Office is also monitoring infrastructure spending bills at the federal and state level.
- **Gordie Howe International Bridge:** GLWA filed a notice of claim with the Court of Claims related to its relocation claim.
- **June and July Rain Events:** The Office is providing legal support in response to the significant rain events in June and July. Recently, the trial court dismissed most of the lawsuits against GLWA based on governmental immunity. The Plaintiffs are appealing the decision.
- **Trenton Water Main:** The Office is negotiating the transfer of the 24-inch water main to GLWA.
- **Contract Negotiations:** Office staff completed the Designated Management Agreement with SEMCOG. The Office is negotiating 30-year wastewater disposal services contracts with sewer member partners that do not have a model 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 submitted GLWA's record retention policy to the State.
- **Industrial Pretreatment Program ("IPP"):** The Office also continues to provide assistance on PFAS and PFOS matters, including comments on the new drinking water regulations.
- **Real Estate:** The Office is working to secure easements and acquire properties related to various water and sewer projects. Each real estate transaction will be presented to the Board for approval when they are fully negotiated.
- **Member Outreach:** The Office continues to be an active participant in Member Outreach sessions.
- **Main Relocations:** The Office continues to support water operations in its discussions with community stakeholders regarding water main relocations.
- **Civil Litigation and Arbitrations:** The Office continues to vigorously defend actions against GLWA, including a class action lawsuit regarding IWC charges. The collection actions

against Highland Park are on stay until October 1, 2023, pursuant to the Interim Agreement between the parties.

- **Labor Relations:** The Office continues to provide legal advice to Organizational Development on labor relations and employment matters.
- **Procurement:** The Office continues to assist GLWA's Procurement Team negotiate contracts, change orders and amendments and interpret contractual provisions. The Office is also assisting with the Procurement Policy's Procedures and updating GLWA's template contracts. The Office is part of a cross-functional team working to complete significant revisions to the GLWA construction contract, including consideration of using an entirely new contract format. The Office continues to provide advice on federal grant compliance.
- **Awards:** Kirsten Silwanowicz was named as a recipient of the Michigan Lawyers Weekly's 2023 Influential Women of Law award.

Statistics:

Contracts approved as to form:	32
Contracts drafted or revised:	115
Subpoenas/Information requests received:	3
Subpoenas/Information responded to:	6