



Audit Committee Meeting
Monday, February 26, 2024 at 8:00 a.m.
www.glwater.org

[Join Zoom Meeting](#)

Meeting ID: **854 6456 9300** Passcode: **878300**

US Toll-free: **877 853 5247** or **888 788 0099**

AGENDA

1. CALL TO ORDER
2. ROLL CALL
3. APPROVAL OF AGENDA
4. APPROVAL OF MINUTES
 - A. February 9, 2024 (Page 1)
5. PUBLIC PARTICIPATION
6. OLD BUSINESS
7. NEW BUSINESS
 - A. *Action Item:* Proposed Appointment of 2024 Bond Transaction Syndicate and Advisors and Related Fees (Page 9)
8. REPORTS
 - A. CFO Report (Page 16)
 - B. Monthly Financial Report for November 2023 (Page 17)
 - C. Affordability & Assistance Update (Page 18)
 - D. Gifts, Grants & Other Resources Report (Page 19)
 - E. Annual Conflict of Interest & Disclosure Update (Page 27)
 - F. GLWA 2023 Vendor Outreach Event – Post Event Report (Page 29)
 - G. Water Residential Assistance Program - Income Based Plan Review as of December 31, 2023 (**Verbal Update**)
9. COMMUNICATIONS
 - A. The Procurement Pipeline for February 2024 (Page 55)
10. LOOK AHEAD
 - A. Next Audit Committee Meeting: March 22, 2024 at 8:00 a.m.
11. OTHER MATTERS
12. ADJOURNMENT



Great Lakes Water Authority

735 Randolph Street
Detroit, Michigan 48226
glwater.legistar.com

Meeting Minutes - Draft

Audit Committee

Friday, February 9, 2024

8:00 AM

Zoom Telephonic Meeting

Zoom Telephonic Meeting

Join Zoom Meeting:

[https://glwater.zoom.us/j/83468945030?](https://glwater.zoom.us/j/83468945030?pwd=TDRoZGp0NFEyUHZ3MDNMK1EyZXA1QT09)
[pwd=TDRoZGp0NFEyUHZ3MDNMK1EyZXA1QT09](https://glwater.zoom.us/j/83468945030?pwd=TDRoZGp0NFEyUHZ3MDNMK1EyZXA1QT09)

Join by Telephone

US Toll-Free:

877 853 5247; or 888 788 0099

Meeting ID: 834 6894 5030

Passcode: 810789

1. Call To Order

Chairperson Baker called the meeting to order at 8:02 a.m.

2. Quorum Call

Present: 3 - Chairperson Brian Baker, Director Gary Brown, and Director Jaye Quadrozzi

3. Approval of Agenda

Nicolette Bateson, Chief Financial Officer/Treasurer, requested to move item 8.G. (Economic Outlook Task Force) before item 6.A.

Chairperson Baker requested a Motion to Approve the Agenda as Amended.

Motion By: Jaye Quadrozzi

Support By: Gary Brown

Action: Approved as Amended

The motion carried by a unanimous vote.

4. Approval of Minutes

A. [2024-019](#) Minutes of December 15, 2023

Sponsors: Nicolette Bateson

Indexes: Finance

Attachments: [4A Minutes - December 15, 2023 Audit Committee Meeting](#)

Chairperson Baker requested a Motion to Approve the December 15, 2023 Audit Committee Meeting Minutes.

Motion By: Gary Brown

Support By: Jaye Quadrozzi

Action: Approved

The motion carried by a unanimous vote.

5. Public Comment

There were no public comments.

6. Old Business**8.G.** [2024-051](#) Economic Outlook Task Force

Sponsors: Nicolette Bateson

Indexes: Finance

Attachments: [8G Audit Committee Memo - Economic Outlook Task Force](#)
[8G EOTF Quarterly Update 2.9.24](#)

Motion By: Jaye Quadrozzi

Support By: Gary Brown

Action: Received and Filed

The motion carried by a unanimous vote.

- A. [2024-020](#) Discussion: FY 2025 & FY 2026 Biennial Budget and Five-Year Plan, Proposed FY 2025 Charges with Supporting Materials, and Updated Long-Term Plan

Sponsors: Nicolette Bateson

Indexes: Finance

Attachments: [6A1 FY 2025 & 2026 Biennial Budget Discussion Draft](#)
[6A1.1 0.2 Table of Contents FY2025](#)
[6A2 FY 2025 Budget & Charges Audit Committee 2.6.2024](#)
[6A3 Draft #2 Proposed FY 2025 – FY 2026 Biennial Budget 2.9.2024 ver 2.6.2024](#)
[6A4](#)
[FY-2025-COS-Service-Charge-Recommendations-REVISED-1.22.2024](#)

Motion By: Gary Brown
Support By: Jaye Quadrozzi
Action: Received and Filed
The motion carried by a unanimous vote.

- B. [2024-043](#) **Resolution Adopting the FY 2025 & FY 2026 Biennial Budget**

Sponsors: Nicolette Bateson

Indexes: Finance

Attachments: [6B1 AC Memo - 2024-043 Budget Adoption Resolution](#)
[6B3 2024-043 Budget Resolution with support](#)

Director Brown made a Motion, Supported by Director Quadrozzi, to recommend the Board of Directors Approves the Resolution Adopting the FY 2025 and FY 2026 Biennial Budget.

Motion By: Gary Brown
Support By: Jaye Quadrozzi
Action: Recommended for Approval to the Board of Directors
Agenda of February 28, 2024
The motion carried by a unanimous vote.

C. [2024-044](#) **Resolution Regarding Approval of FY 2025 Schedule of Service Charges**

Sponsors: Nicolette Bateson

Indexes: Finance

Attachments: [6C1 AC Memo - 2024-044 Charges Adoption Resolution](#)
[6C4 FY 2025 Water Charge Schedule](#)
[6C5 FY 2025 Sewer Charge Schedule](#)
[6C6 FY 2025 Sewer Industrial Charge Schedule](#)
[6C3 2024-044 Charges Resolution](#)

Director Brown made a Motion, Supported by Director Quadrozzi, to recommend the Board of Directors Approves the Resolution Regarding Approval of FY 2025 Schedule of Service Charges.

Motion By: Gary Brown

Support By: Jaye Quadrozzi

Action: Recommended for Approval to the Board of Directors

Agenda of February 28, 2024

The motion carried by a unanimous vote.

7. New Business

A. [2024-021](#) **Resolution Regarding Approval of Series Ordinance Authorizing Issuance and Sale of Sewer Disposal System Revenue Bonds in an Aggregate Amount Not to Exceed \$243,980,000 (Ordinance 2024-01)**

Sponsors: Nicolette Bateson

Indexes: Finance

Attachments: [7A1 AC Memo - Approval of Series Ordinance 2024-01 CIP 232002 Freud and CIP 212008 Aeration](#)
[7A2a Attachment 1 - Series Ordinance Board Letter](#)
[7A3 Series Ordinance \(2024 SRF 1-2, Q2.5\) CIP 232002 Freud and CIP 212008 Aeration](#)
[7A4 Resolution Approving Series Ordinance CIP 232002 Freud and CIP 212008 Aeration](#)

Motion By: Gary Brown

Support By: Jaye Quadrozzi

Action: Recommended for Approval to the Board of Directors

Agenda of February 28, 2024

The motion carried by a unanimous vote.

B. [2024-022](#) Scheduling of Public Hearing for the GLWA FY 2025 Clean Water State Revolving Fund (CWSRF) Program Project Plan Submittals

Sponsors: Nicolette Bateson

Indexes: Finance

Attachments: [7B1 AC Memo - Request to Schedule FY 2025 CWSRF Public Hearing](#)
[7B3 FY 2025 CWSRF Public Hearing Notice](#)

Motion By: Gary Brown

Support By: Jaye Quadrozzi

Action: Recommended for Approval to the Board of Directors
Agenda of February 28, 2024

The motion carried by a unanimous vote.

8. Reports

A. [2024-045](#) CFO Report

Sponsors: Nicolette Bateson

Indexes: Finance

Attachments: [8A1 CFO Report February 2024](#)

Motion By: Gary Brown

Support By: Jaye Quadrozzi

Action: Received and Filed

The motion carried by a unanimous vote.

B. [2024-046](#) Monthly Financial Report for October 2023

Sponsors: Nicolette Bateson

Indexes: Finance

Attachments: [8B October 2023 Financial Report](#)

Motion By: Gary Brown

Support By: Jaye Quadrozzi

Action: Received and Filed

The motion carried by a unanimous vote.

C. [2024-047](#) Charges Outreach & Modeling Update

Sponsors: Nicolette Bateson

Indexes: Finance

Attachments: [8C Charges Outreach and Modeling Update - 01.26.24](#)
[8C1 Charges Rollout #3 Full Presentation Slide Deck 1.11.2024](#)
[8C2 Charges Rollout #4 Full Presentation Slide Deck 1.18.2024](#)

Motion By: Gary Brown
Support By: Jaye Quadrozzi
Action: Received and Filed
The motion carried by a unanimous vote.

D. [2024-048](#) Affordability & Assistance Update

Sponsors: Nicolette Bateson

Indexes: Finance

Attachments: [8D Affordability & Assistance Update](#)

Motion By: Gary Brown
Support By: Jaye Quadrozzi
Action: Received and Filed
The motion carried by a unanimous vote.

E. [2024-049](#) Gifts, Grants & Other Resources Report

Sponsors: Nicolette Bateson

Indexes: Finance

Attachments: [8E Grants Gifts and Other Resources Report](#)

Motion By: Gary Brown
Support By: Jaye Quadrozzi
Action: Received and Filed
The motion carried by a unanimous vote.

F. [2024-050](#) Quarterly BID Report through December 31, 2023

Sponsors: Nicolette Bateson

Indexes: Finance

Attachments: [8F Quarterly BID Report through December 31, 2023](#)

Motion By: Gary Brown
Support By: Jaye Quadrozzi
Action: Received and Filed
The motion carried by a unanimous vote.

- H. [2024-052](#) Annual Report - Proposed FY 2025 thru FY 2029 Capital Improvement Plan Cost Allocation Commentary

Sponsors: Nicolette Bateson

Indexes: Finance

Attachments: [8H1 Annual Report – Proposed FY 2025 thru FY 2029 Capital Improvement Plan](#)
[8H2 2023.05.09 CostAllocationProcess Charges Work Group Presented to MPs 9.5.2023](#)

Motion By: Gary Brown

Support By: Jaye Quadrozzi

Action: Received and Filed

The motion carried by a unanimous vote.

9. Communications

- A. [2024-053](#) The Procurement Pipeline for December 2023

Sponsors: Nicolette Bateson

Indexes: Finance

Attachments: [9A The Procurement Pipeline for December 2023](#)

No Action Taken

- B. [2024-054](#) The Procurement Pipeline for January 2024

Sponsors: Nicolette Bateson

Indexes: Finance

Attachments: [9B The Procurement Pipeline for January 2024](#)

No Action Taken

10. Look Ahead

A. Next Audit Committee Meeting:

February 23, 2024 at 8:00 a.m.

11. Other Matters

There were no other matters.

12. Adjournment

Chairperson Baker requested a Motion to Adjourn.

Motion By: Jaye Quadrozzi

Support By: Gary Brown

Action: Approved

The motion carried by a unanimous vote.

There being no further business, the meeting was adjourned at 9:59 a.m.



Financial Services Audit Committee Communication

Date: February 26, 2024

To: Great Lakes Water Authority Audit Committee

From: Nicolette Bateson, CPA, Chief Financial Officer & Treasurer

Re: Proposed Appointment of 2024 Bond Transaction Syndicate and Advisors and Related Fees

Background & Analysis: The Great Lakes Water Authority (GLWA) has approximately \$390 million of senior lien and \$45 million of second lien bonds for the water system and \$395 million of senior lien and \$45 million of second lien bonds for the sewage disposal system that are callable on July 1, 2024 and can potentially be refinanced for debt service savings. GLWA has been advised by its financial advisor that current market conditions may warrant pursuing a refunding transaction this spring rather than the previously anticipated summer / fall 2024 timeline. Given intense GLWA staff demands, including a new financial system launch go live on July 1, 2024, the most efficient path forward to assemble an underwriting and advisors is to reappoint the team associated with the successful fall 2023 tender and refunding transaction. While the impact on the FY 2025 budget would be based on the structure and timing of the transaction, the outcome of this transaction could alleviate budget and charge pressures beyond FY 2025 as outlined in the ten-year forecast.

A draft board letter is attached.

Proposed Action: The Audit Committee recommends that the Board of Directors:

- 1) Appoints the Series 2024 Underwriting Syndicate Structure with the following roles, fee splits, and firms:
 - Bookrunning Senior Manager (55%) – Siebert Williams Shank & Co. LLC
 - Co-Senior Manager (30%) – Goldman Sachs & Co. LLC
 - Co-Managers (15%) – J.P. Morgan, Loop Capital Markets, Morgan Stanley, Ramirez & Co., Inc., and Wells Fargo Securities
- 2) Authorizes the fee for the underwriting syndicate at \$2.50/bond plus actual expenses
- 3) Authorizes the work of The Foster Group to proceed within the current contract that ends June 30, 2024 recognizing that a contract extension to complete the transaction may be required which would be brought to the Board of Directors in March 2024;
- 4) Authorize a bond financing cost allowance up to \$110,000 to reimburse the Detroit Water & Sewerage Department for a feasibility consultant related to DWSD financial

performance, accounts receivable activity, and related bond disclosure forecast matters and

- 5) Authorizes the Chief Executive Officer to take such other action as may be necessary to accomplish the intent of this vote.

..Title

Proposed Appointment of 2024 Bond Transaction Syndicate and Advisors and Related Fees

..Body

Agenda of: February 28, 2024
Item No.: **2024-070**
Amount: N/A

TO: The Honorable
Board of Directors
Great Lakes Water Authority

FROM: Suzanne R. Coffey P.E.
Chief Executive Officer
Great Lakes Water Authority

DATE: February 28, 2024

**RE: Proposed Appointment of 2024 Bond Transaction Syndicate
and Advisors and Related Fees**

MOTION

Upon recommendation of Nicolette Bateson, Chief Financial Officer/Treasurer, the Board of Directors (Board) of the Great Lakes Water Authority (GLWA):

- 1) Appoints the Series 2024 Underwriting Syndicate Structure with the following roles, fee splits, and firms:
 - Bookrunning Senior Manager (55%) – Siebert Williams Shank & Co. LLC
 - Co-Senior Manager (30%) – Goldman Sachs & Co. LLC
 - Co-Managers (15%) – J.P. Morgan, Loop Capital Markets, Morgan Stanley, Ramirez & Co., Inc., and Wells Fargo Securities;**
- 2) Authorizes the fee for the underwriting syndicate at \$2.50/bond plus actual expenses;**

- 3) **Authorizes the work of The Foster Group to proceed within the current contract that ends June 30, 2024 recognizing that a contract extension to complete the transaction may be required which would be brought to the Board of Directors in March 2024;**
- 4) **Authorize a bond financing cost allowance up to \$110,000 to reimburse the Detroit Water & Sewerage Department for a feasibility consultant related to DWSD financial performance, accounts receivable activity, and related bond disclosure forecast matters; and,**
- 5) **Authorizes the Chief Executive Officer to take such other action as may be necessary to accomplish the intent of this vote.**

BACKGROUND

The Great Lakes Water Authority (GLWA) has approximately \$390million of senior lien and \$45 million of second lien bonds for the water system and \$395 million of senior lien and \$45 million of second lien bonds for the sewage disposal system that are callable on July 1, 2024 and can potentially be refinanced for debt service savings.

GLWA has been advised by its financial advisor, PFM Financial Advisors LLC (PFM), that current market conditions may warrant pursuing a refunding transaction this spring rather than the previously anticipated summer / fall 2024 timeline.

Given intense GLWA staff demands, including the design, testing, and implementation of a new financial system with a go live on July 1, 2024, the most efficient path forward in assembling an underwriting and advisory team is to reappoint the team associated with the successful fall 2023 tender and refunding transaction. This will then allow this working group to immediately begin the quantitative analysis and tasks related to structure, strategy, and timing.

It should be noted that the impact on the FY 2025 budget is unknown at this time. However, the outcome of this potentially significant transaction would alleviate budget and charge pressures beyond FY 2025 as outlined in the ten-year forecast.

JUSTIFICATION

Assembling a bond financing team includes the parties below. Along with this list, we have provided information related to contract status.

1. Underwriting Syndicate – PFM has provided a memo (attached) which provides justification for the following recommendation below with associated roles, fee splits, and firms.
 - Bookrunning Senior Manager (55%) – Siebert Williams Shank & Co. LLC

- Co-Senior Manager (30%) – Goldman Sachs & Co. LLC
- Co-Managers (15%) – J.P. Morgan, Loop Capital Markets, Morgan Stanley, Ramirez & Co., Inc., and Wells Fargo Securities

PFM has also outlined underwriter compensation of \$2.50/bond plus actual expenses.

2. Financial Advisor – PFM was selected in 2023 pursuant to a competitive procurement process. Their contract is in place through June 30, 2028.
3. Bond Counsel – Dickinson Wright – current contract in place
4. Feasibility Consultant (GLWA) – The Foster Group is the feasibility consultant. The principal of that firm intends to retire this year. The contract expires June 30, 2024. The request for proposal for the successor firm is being released shortly. The Foster Group is available to extend the contract for this effort at the already agreed upon fees. This timing also supports internal knowledge transfer to in-source the ten-year plan to GLWA team members. A specific contract request will be brought to the Audit Committee and Board in March 2024 for this effort as the bond closing and related post transaction due diligence period could extend past June 30, 2024. The fee is \$100,000 per system.
5. Auditors - Baker Tilly US, LLP – current contract is in place through June 13, 2025
6. Feasibility Consultant (DWSD) – This is an additional need related to bond transactions to support the internal Detroit Water & Sewerage Department (DWSD) and GLWA staff effort and to proactively address interests by rating agencies and investors related DWSD financial performance and disclosures, accounts receivable activity, and other forecast matters. The consultant providing the feasibility report would be DWSD's choice with 100% payment by GLWA since this is a GLWA refunding transaction. It is recommended that the fees be funded out of bond proceeds with an allowance up to \$110,000. A similar process has been in place for bond counsel appointed by DWSD.

BUDGET IMPACT

The fees associated with the transaction would be paid out of the bond proceeds except for incidental internal costs.

COMMITTEE REVIEW

The GLWA Audit Committee reviewed this matter on [*insert date*]. The Audit Committee [*insert action*] that the Board of Directors the approve the Appointment of the 2024 Bond Transaction Syndicate and Advisors with fees as outlined in this memo.



February 5, 2024

Memorandum

To: *Great Lakes Water Authority (“GLWA”)*
Nicolette Bateson, Chief Financial Officer/Treasurer

From: *PFM Financial Advisors LLC (“PFM”)*
Eric Brown, Managing Director

RE: Underwriting Syndicate for Upcoming Refunding

As we have discussed, GLWA has an opportunity in the current market to generate present value savings through a tax-exempt current refunding for bonds that will become eligible for a tax-exempt refunding 90 days in advance of July 1, 2024 call date. Although the finance team has monitored these bonds for refunding for well over a year, current levels of savings have been significantly enhanced by recent declines in interest rates.

GLWA has recognized the benefits of proceeding quickly with a refunding transaction to capture refunding savings and the efficiencies that could be achieved with the use of the same underwriting syndicate that was engaged with respect to the recently issued Series 2023 bonds. PFM believes that a reappointment of this syndicate that resulted from a [previous procurement](#) in 2022 is a solution that could help achieve these goals. The exit of Citigroup from the municipal finance business will necessitate a modest tweak to this prior syndicate structure, and you have asked PFM to prepare a proposed syndicate structure that retains the status quo but adjusts for this departure. PFM provides this memorandum to memorialize the proposal and rationale.

In the Series 2023 transaction, the underwriting syndicate consisted of a bookrunning senior manager, a co-senior manager, and six co-managers. In addition, the Series 2023 transaction included a Lead Dealer-Manager and Co-Dealer Manager role as a result of the tender transaction. The Series 2023 structure, including each firm’s role and liability, is shown below.

Series 2023 Underwriting Syndicate Structure

Bookrunning Senior Manager (55%) – Siebert Williams Shank & Co. LLC

Co-Senior Manager (30%) – Goldman Sachs & Co. LLC

Co-Managers (15%) – Citigroup, J.P. Morgan, Loop Capital Markets, Morgan Stanley, Ramirez & Co., Inc., Wells Fargo Securities

Lead Dealer-Manager (55%) – Goldman Sachs & Co. LLC

Co-Dealer-Manager (45%) – Siebert Williams Shank & Co. LLC

With the removal of Citigroup, the remaining underwriting syndicate will consist of a bookrunning senior manager, a co-senior manager, and five co-managers. Although a slightly smaller group, PFM believes



that the remaining members of the syndicate will be able to continue to provide the broadest possible distribution of GLWA bonds to investors ranging from large institutional investors to local retail investors and is representative of a team with experience broadly distributing GLWA bonds as necessary to achieve the lowest possible interest cost. The remaining members of the team continue to represent an appropriate mixture of large national firms, firms with a local presence, and minority owned businesses. These remaining syndicate members have significant experience in utility financings and together have sufficient capacity to underwrite any GLWA financing. As such, we do not see a need to replace Citigroup within the syndicate at this time. The Citigroup share of the liabilities would be reallocated among the remaining co-managers.

With the removal of Citigroup, the structure of the proposed Series 2024 underwriting syndicate is as follows:

Proposed Series 2024 Underwriting Syndicate Structure

Bookrunning Senior Manager (55%) – Siebert Williams Shank & Co. LLC

Co-Senior Manager (30%) – Goldman Sachs & Co. LLC

Co-Managers (15%) – J.P. Morgan, Loop Capital Markets, Morgan Stanley, Ramirez & Co., Inc., Wells Fargo Securities

The contemplated refunding transaction does not include a tender component. Therefore, the dealer-manager role is not a role that PFM anticipates will be necessary for the Series 2024 transaction.

PFM would recommend underwriter compensation of \$2.50/bond plus actual expenses, consistent with the underwriter compensation on the recent Series 2023 bonds and each transaction since 2018. This level of compensation resulted from a competitive bid process and is lower than underwriter compensation in 2016, as shown below. PFM believes that this is a fair market fee that remains reflective of the current market and appropriately balances the intent to achieve low issuance costs while still providing sufficient incentive for the underwriters to take risk, with the goal of achievement of the lowest overall cost for GLWA. PFM does not recommend payment of a management fee.

Recent GLWA Bond Sales - Underwriter Compensation		
Series	Uninsured Takedown (\$/\$1000)*	Management Fee (\$/\$1000)
Proposed Series 2024	2.50	0.00
Series 2023	2.50	0.00
Series 2022	2.50	0.00
Series 2020	2.50	0.00
Series 2018	2.50	0.00
Series 2016	2.75	0.00



Financial Services Audit Committee Communication

Date: February 26, 2024

To: Great Lakes Water Authority Audit Committee

From: Nicolette N. Bateson, CPA, Chief Financial Officer & Treasurer

Re: CFO Update

Workday & Adaptive Insights Implementation

The Financial Services Area and Information Technology teams are under significant pressure to return our project to “green” status. On Wednesday, February 21, 2024, we have over 50 team members onsite working in collaborative workspaces as they perform end-to-end testing. This is the time of the project where we find whether business processes align and address how to correct either process, technology, or both. I am very proud to be a part of an organization that is driven to succeed and to be surrounded by our teams that continue to be positive despite the time pressures as well as value each other’s needs to accomplish GLWA’s mission.

Streamlining Communications

Over the next few months, you will see a refresh of monthly reports to be streamlined but impactful. Thanks to Haran Stanley, Affordability & Assistance Manager, who embraced the new format to a condensed one-pager for the monthly Affordability & Assistance report.

Speaking of Assistance

This month we provide a closeout quarterly report on FY 2023 and an in-depth review of the Water Residential Assistance Program (WRAP) Income Based Plan based on the first full calendar year of activity. Beginning next month, we will provide a new, condensed monthly report. This program’s activity has increased and we feel it is appropriate to produce a monthly synopsis to ensure stakeholders have more current information.

GLWA

Great Lakes Water Authority



Monthly Financial Report Binder

November 2023

**Presented to the
Great Lakes Water Authority
Audit Committee on February 26, 2024**

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Appendix

 Aged Accounts Receivable Report..... A-1

 Highland Park Life-to-Date Billings & Collections B-1



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. Staff reviews the need for budget amendments quarterly and requests necessary amendments when required based on the most current information available. First quarter budget amendments were approved by the Board of Directors January 24, 2024 and are reflected in this report.

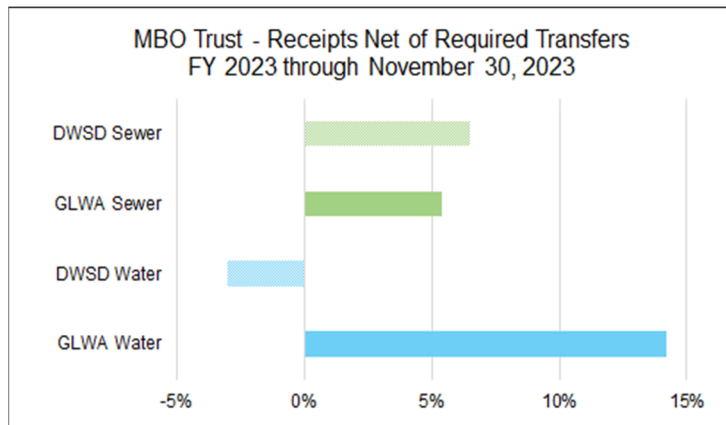
For the current year, water and sewer capital spend reflect variances to budget outside the normal range. Capital spend variances reflect evolving changes in timing that the Capital Improvement Planning group continues to monitor and review.

A bond transaction was completed in December 2023 for \$148.5 million to support water system improvements and \$96.8 million to support sewage disposal system improvements.

As of November 30, 2023					
Metric	FY 2024 Budget	FY 2024 Amended Budget	FY 2024 Actual	Variance from Financial Plan	Report Page Reference
Wholesale Water Billed Revenue (\$M)	\$151.8	\$147.8	\$147.1	0%	48
Wholesale Water Billed Usage (mcf)	6,298,000	5,841,000	5,848,000	0%	
Wholesale Sewer Billed Revenue (\$M)	\$117.5	\$117.5	\$117.5	0%	50
Wholesale Water Operations & Maintenance (\$M)	\$63.7	\$68.0	\$67.0	-1%	5
Wholesale Sewer Operations & Maintenance (\$M)	\$85.7	\$91.7	\$87.7	-4%	
Investment Income (\$M)	\$6.4	\$16.8	\$21.4	27%	37
Water Prorated Capital Spend w/SRA* (\$M)	\$99.7	\$93.6	\$67.8	-28%	28
Sewer Prorated Capital Spend w/SRA* (\$M)	\$82.9	\$68.7	\$46.3	-33%	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 shortfall of \$1.4 million and DWSD Sewer reports a surplus of \$8.4

million of net receipts over disbursements through November 2023. The Water shortfall relates to the routine monthly transfer of credit balances to the Sewer account which was impacted by a recent change in the customer deposit policy. Preliminary review of December activity reflects continued improvement.

Budget to Actual Analysis (page 3)

- The FY 2024 information includes the first quarter FY 2024 budget amendments approved by the GLWA Board of Directors on January 24, 2024.
- The total Revenue Requirements are on target through November 2023.
- The total overall Operations & Maintenance expenses are at 40.4% of budget through November 2023. This positive variance equates to a dollar amount of \$5.0 million.

Basic Financial Statements (page 9)

- The Basic Financial Statements are prepared on a full accrual basis and reflect preliminary, unaudited results.
- Operating income for November 2023 is \$35.8 million for the Water fund (22.7% of total revenues) and \$48.9 million for the Sewer fund (23.9 % of total revenues).
- Water Net Position increased by \$ 8.6 million, and Sewage Disposal Net Position increased by \$ 14.6 million for the year to date through November 2023.

Capital Improvement Plan Financial Summary (page 27)

- Water system costs incurred to date are below the 94% Capital Spend Ratio assumption.
- Sewer system costs incurred to date are below the 82.9% Capital Spend Ratio assumption.

Master Bond Ordinance Transfers (page 30)

- For November, transfers of \$13.5 million and \$18.1 million were completed for the GLWA Water and Sewer funds, respectively.
- Also for November, transfers of \$5.6 million and \$6.9 million were completed for the DWSD Water and Sewer funds, respectively.

Cash Balances & Investment Income (page 37)

- Total cash & investments are \$513 million for Water and \$650 million in the Sewer fund.
- Total, combined, cumulative, FY 2024 investment income through November is \$21.4 million.

DWSD Retail Revenues, Receivables & Collections (page 41)

- Water revenue through November 30, 2023 is 101.51% and usage is 100.77% of budget.
- Sewer revenue through November 30, 2023 is 98.11% and usage is 100.16% of budget.
- Combined accounts receivable balances for the water and sewer funds report a decrease of \$19.0 million over the prior year.
- Past dues over 180 days make up of 64.4% the total accounts receivable balance. The current bad debt allowance covers over 97.7% of past dues over 60 days.

GLWA Wholesale Billing, Receivables & Collections (page 47)

- GLWA accounts receivable past due balance net of Highland Park is 10.78% 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 \$55 million. It includes \$40.5 million for wastewater treatment services, \$1.9 million for industrial waste control services, and \$12.6 million for water supply services. Highland Park made a catch-up payment of \$1.7 million on June 3, 2022 and has continued to make additional, monthly payments since that time totaling \$8 million as of November 30, 2023.
- On November 16, 2023, the GLWA Board of Directors outlined a plan to provide reimbursement credits to Member Partners upon implementation of the approved term sheet that represents a proposed agreement between GLWA, the city of Highland Park, and the state of Michigan. This monthly financial report will reflect the impacts of that term sheet and agreement moving forward as implementation steps occur.

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

All amounts are unaudited unless otherwise noted.

GLWA Audit Committee February 26, 2024



The Monthly Budget to Actual Analysis report includes the following three sections.

1. Revenue Requirements Budget Basis Analysis
2. Operations & Maintenance Budget – Major Budget Categories
3. Alignment of Operations & Maintenance Budget Priorities – Expense Variance Analysis

The FY 2024 information presented in these sections includes the first quarter FY 2024 budget amendments approved by the GLWA Board of Directors on January 24, 2024.

Revenue Requirements Budget Basis Analysis

GLWA's annual revenue requirements represent the basis for calculating Member Partner charges and aligns with the Master Bond Ordinance flow of funds categories. The budget basis is not the same as the full accrual basis used for financial reporting although the revenues and operations and maintenance expenses are largely reported on an accrual basis. The primary difference between the revenue requirements budget basis to the financial reporting basis is the treatment of debt service, legacy pension obligations, and lease related activities. The Revenue Requirements Basis is foundational to GLWA's daily operations, financial plan, and of most interest to key stakeholders.

Table 1A – Water Revenue Requirements Budget and **Table 1B – Sewer Revenue Requirements Budget** presents a year-over-year budget to actual performance report. The revenue requirements budget is accounted for in the operations and maintenance fund for each system. Since this report is for November 2023, the pro-rata benchmark is 41.7% (5 of 12 months of the fiscal year).

Items noted below are highlighted in gold on Tables 1A (Water) and 1B (Sewer).

1. **Revenues:** For *both* systems, total revenues for FY 2024 are above the pro-rata benchmark; the *water* system is at 43.3% while the *sewer* system is at 41.9%. Detailed schedules related to revenues are provided in the *Wholesale Billings, Collections, and Receivables* section of this financial report binder.

Water revenues presented in Table 1A differ from those presented in *Table 2 – Statement of Revenues, Expenses and Changes in Net Position* found in the *Basic Financial Statement* section of this report. Water Revenues presented in Table 1A for revenue requirement purposes are reduced by the monthly payment to the City of Flint for a license to raw water rights under the Flint Raw Water Contract as documented in Appendix A-2 of the [Flint Water Agreement](#). Through November 30, 2023, these payments total \$2.7 million for FY 2024.

2. **Investment Earnings:** For both systems, investment earnings are above the pro-rata benchmark for FY 2024; the *water* system is at 57.3% while the *sewer* system is at 56.0%. Detailed analysis of investment earnings activity to date can be found in the *Cash & Investment Income* section of this financial report binder.
3. **Other Revenues:** These are one-time and unusual items that do not fit an established revenue category. Both the *water* and *sewer* systems actual amount will vary from budget due to the nature of the items recorded in this category.
4. **Operations & Maintenance Expense:** Actual expenses¹ for *both* systems are slightly below the pro-rata benchmark for FY 2024 the *water* system is at 41.1% while the *sewer* system O&M expenses is at 39.8%.
5. **Debt Service:** For FY 2024, both systems are slightly below the pro-rata benchmark for debt service; the *water* system is at 41.3% while the *sewer* system is at 41.5%. The activity is based on the payment schedules adjusted for the State Revolving Fund loans that are still being drawn down.
6. **Operating Reserve Deposit:** GLWA has established a target balance in the O&M Fund of 45 days of operating expense which works in tandem with the I&E Funds to provide liquidity to the utility. Funding levels are currently being evaluated to determine if additional transfers to this reserve will be required in FY 2024.
7. **DWSD Budget Shortfall Pending:** To the extent that the local (DWSD) system experiences budgetary shortfalls as defined by the Water & Sewer Services Agreement, the GLWA budget is impacted.² Steps to proactively detect, and ideally prevent, this shortfall scenario were put into place with the 2018 Memorandum of Understanding (dated June 27, 2018). For FY 2023, DWSD ended the year with positive net cash flows for both the DWSD *water* system and the DWSD *sewer* system. For FY 2024, neither the DWSD *water* system nor the DWSD *sewer* system have a budgetary shortfall through November 30, 2023. GLWA and DWSD staff meet regularly to discuss steps to mitigate shortfalls, when they occur, as outlined in the 2018 MOU.
8. **Improvement & Extension (I&E) Fund Transfer Pending:** The contribution to the I&E Fund is for improvements, enlargements, extensions, or betterment of the *water* and *sewer* systems.
9. **Other Revenue Requirements:** The remaining revenue requirements for *both* systems are funded on a 1/12th basis each month in accordance with the Master Bond Ordinance.
10. **Overall:** Total revenue requirements for *both* systems are in line with the benchmark.

¹The tables in this analysis reflect actual amounts spent. If this analysis was on a master bond ordinance (MBO) basis, like that used for calculating debt service coverage, O&M "expense" would equal the pro-rata budget because 1/12 of the O&M budget is transferred monthly outside the MBO trust to an O&M bank account.

² As a reminder, the monthly O&M transfer for MBO purposes is at 1/12 of the budget to a DWSD O&M bank account outside the trust. Actual budget may be less than that amount providing an actual positive variance for DWSD.



Table 1A – Water Revenue Requirements Budget (year-over-year) – (\$000)

	FY 2023 AMENDED BUDGET	FY 2023 ACTIVITY THRU 11/30/2022	Percent Year-to- Date at 11/30/2022	FY 2024 BOARD ADOPTED BUDGET	FY 2024 AMENDED BUDGET	FY 2024 ACTIVITY THRU 11/30/2023	Percent Year-to- Date at 11/30/2023
Water System							
Revenues							
Suburban Wholesale Customer Charges	\$ 333,856	\$ 146,787	44.0%	\$ 340,541	\$ 336,541	\$ 144,244	42.9%
Retail Service Charges	22,834	9,544	41.8%	25,537	25,537	10,641	41.7%
Investment Earnings	9,670	1,791	18.5%	4,062	12,062	6,916	57.3%
Other Revenues	995	234	23.5%	175	440	261	59.3%
Total Revenues	\$ 367,356	\$ 158,356	43.1%	\$ 370,315	\$ 374,580	\$ 162,061	43.3%
Revenue Requirements							
Operations & Maintenance Expense	\$ 156,748	\$ 63,025	40.2%	\$ 152,906	\$ 163,101	\$ 67,018	41.1%
General Retirement System Legacy Pension	6,048	2,520	41.7%	-	-	-	0.0%
Debt Service	150,055	63,380	42.2%	159,483	162,634	67,247	41.3%
General Retirement System Accelerated Pension	6,268	2,612	41.7%	3,396	1,506	1,415	94.0%
Extraordinary Repair & Replacement Deposit	200	-	0.0%	-	-	1,438	0.0%
Water Residential Assistance Program Contribution	1,771	738	41.7%	1,852	1,852	772	41.7%
Regional System Lease	22,500	9,375	41.7%	22,500	22,500	9,375	41.7%
Operating Reserve Deposit	-	-	0.0%	-	-	-	0.0%
DWSD Budget Shortfall Pending	-	-	0.0%	-	-	-	0.0%
Receiving Fund Working Capital Requirement	-	-	0.0%	-	1,400	-	0.0%
Improvement & Extension Fund Transfer Pending	23,766	11,864	49.9%	30,178	21,588	12,574	58.2%
Total Revenue Requirements	\$ 367,356	\$ 153,514	41.8%	\$ 370,315	\$ 374,580	\$ 159,838	42.7%
Net Difference		\$ 4,842				\$ 2,223	
<i>Recap of Net Positive Variance</i>							
<i>Revenue Variance</i>		\$ 5,291				\$ 5,986	
<i>Revenue Requirement Variance</i>		(449)				(3,763)	
<i>Overall Variance</i>		\$ 4,842				\$ 2,223	

Table 1B – Sewer Revenue Requirements Budget (year-over-year) – (\$000)

	FY 2023 AMENDED BUDGET	FY 2023 ACTIVITY THRU 11/30/2022	Percent Year-to- Date at 11/30/2022	FY 2024 BOARD ADOPTED BUDGET	FY 2024 AMENDED BUDGET	FY 2024 ACTIVITY THRU 11/30/2023	Percent Year-to- Date at 11/30/2023
Sewer System							
Revenues							
Suburban Wholesale Customer Charges	\$ 274,907	\$ 114,751	41.7%	\$ 282,688	\$ 282,688	\$ 117,016	41.4%
Retail Service Charges	191,042	79,601	41.7%	196,570	196,570	81,904	41.7%
Industrial Waste Control Charges	8,420	3,501	41.6%	8,584	8,584	3,582	41.7%
Pollutant Surcharges	4,951	1,993	40.3%	5,328	5,328	1,608	30.2%
Investment Earnings	13,532	2,732	20.2%	7,057	16,057	8,992	56.0%
Other Revenues	2,355	341	14.5%	400	717	504	70.3%
Total Revenues	\$ 495,207	\$ 202,920	41.0%	\$ 500,627	\$ 509,944	\$ 213,606	41.9%
Revenue Requirements							
Operations & Maintenance Expense	\$ 204,123	\$ 81,732	40.0%	\$ 205,644	\$ 220,128	\$ 87,685	39.8%
General Retirement System Legacy Pension	10,824	4,510	41.7%	-	-	540	0.0%
Debt Service	212,509	87,522	41.2%	228,328	231,782	96,099	41.5%
General Retirement System Accelerated Pension	11,621	4,842	41.7%	6,479	3,097	2,368	76.5%
Extraordinary Repair & Replacement Deposit	-	-	0.0%	-	-	-	0.0%
Water Residential Assistance Program Contribution	2,394	998	41.7%	2,503	2,503	834	33.3%
Regional System Lease	27,500	11,458	41.7%	27,500	27,500	11,458	41.7%
Operating Reserve Deposit	-	-	0.0%	-	-	-	0.0%
DWSD Budget Shortfall Pending	-	-	0.0%	-	-	-	0.0%
Improvement & Extension Fund Transfer Pending	26,237	11,698	44.6%	30,173	24,934	12,572	50.4%
Total Revenue Requirements	\$ 495,207	\$ 202,760	40.9%	\$ 500,627	\$ 509,944	\$ 211,557	41.5%
Net Difference		\$ 160				\$ 2,049	
<i>Recap of Net Positive Variance</i>							
<i>Revenue Variance</i>		\$ (3,416)				\$ 1,129	
<i>Revenue Requirement Variance</i>		3,576				920	
<i>Overall Variance</i>		\$ 160				\$ 2,049	

Operations & Maintenance Budget – Major Budget Categories

The year-over-year benchmark ratio as of November 30, 2023, is 41.7% (five months). When comparing FY 2024 to FY 2023 in **Table 2 – Operations & Maintenance Budget – Major Budget Categories**, the overall spending is higher in FY 2024.

In addition to the four major budget categories, an internal charge cost center for employee benefits is shown in the table below. If the number is positive, it indicates that the internal cost allocation rate charges to other cost centers is not sufficient. A negative number indicates a surplus in the internal cost center. A moderate surplus is preferred as it provides a hedge for mid-year benefit program cost adjustments (premiums adjust on January 1 each year) as well as managing risk as the program is partially self-insured.

Table 2 – Operations & Maintenance Budget – Major Budget Categories – (\$000)

Major Budget Categories	FY 2023 AMENDED BUDGET	FY 2023 ACTIVITY THRU 11/30/2022	Percent Year-to- Date at 11/30/2022	FY 2024 BOARD ADOPTED BUDGET	FY 2024 AMENDED BUDGET	FY 2024 ACTIVITY THRU 11/30/2023	Percent Year-to- Date at 11/30/2023
Water	\$ 85,337	\$ 35,763	41.9%	\$ 82,733	\$ 87,738	\$ 36,474	41.6%
Sewer	136,348	56,173	41.2%	132,934	141,656	58,795	41.5%
Centralized	104,503	39,793	38.1%	106,901	116,537	44,746	38.4%
Administrative	34,682	13,029	37.6%	35,983	37,298	14,688	39.4%
Employee Benefits	-	-	0.0%	-	-	-	0.0%
Total O&M Budget	\$ 360,870	\$ 144,756	40.1%	\$ 358,550	\$ 383,229	\$ 154,703	40.4%

Totals may be off due to rounding

Alignment of Operations & Maintenance Budget Priorities – Expense Variance Analysis

The purpose of **Table 3 – Operations & Maintenance Expense Variance Analysis** is to evaluate whether the actual spend rate within a natural cost category is in alignment with the budget. Given the effort to develop an accurate budget, a variance is a red flag of a *potential* budget amendment or misalignment of priorities.

Total: In total, the overall O&M expenses are at 40.4% which is slightly below the pro-rata benchmark of 41.7%. This positive variance equates to a dollar amount of \$5.0 million. The expense category commentary is provided below for items highlighted on Table 3.

Personnel Costs: The overall category is slightly above the pro-rata benchmark; coming in at 43.7% through November 2023.

Utilities: The overall category is slightly above the pro-rata benchmark; coming in at 41.8% through November 2023. Variances within this category, when they occur, are not unexpected as usage varies throughout the year.

- **Electric** is above the pro-rata benchmark, coming in at 46.0%. It should be noted that variances are not unexpected as usage varies throughout the year. The first three months of GLWA's fiscal year (July, August, and September) are typically peak months for the usage of electricity. June, the last month of GLWA's fiscal year, is typically a peak month as well. The budget for this category was amended for the first quarter of FY 2024 for the increase in kWh and continues to be monitored.
- **Gas** is coming in at 23.7% which is lower than the benchmark of 41.7%. Variances within this category are not unexpected as usage varies throughout the year. This category is under review.
- **Sewage service** is lower than the benchmark, coming in at 36.0%. This category is under review.
- **Water service** is slightly lower than the benchmark, coming in at 41.6%. As meters have been repaired or replaced at the WRRF, the billings that previously reported estimated readings have been replaced with actual readings. The actual readings have been coming in higher than the estimated billings. In addition, a new water billing structure was implemented in early FY 2023 which has resulted in an increase in the water billing rate. The budget for this category was amended for the first quarter of FY 2024 and continues to be monitored.

Chemicals: This category is lower than the benchmark; coming in at 37.7% through November 2023. The FY 2024 budget was amended for the increase in chemical costs. Variances within this category are not unexpected as usage varies throughout the year.

Supplies & Other: This category is lower than the pro-rata benchmark; coming in at 35.1% through November 2023. Given that the nature of the items in this category are subject to one-time expenses that do not occur evenly throughout the year, variances are not unexpected. A review of this category is being conducted.

Contractual Services: The overall category is slightly lower than the pro-rata benchmark; coming in at 41.4% through November 2023. Variances in this category, when they occur, are not unexpected as the usage of contracts varies throughout the year (projects scheduled to begin during the latter half of the year as well as contracts that are on an as needed basis). Budget amendments are processed for those projects in which the actual start dates have been delayed from that in which they were budgeted.

Capital Program Allocation: This category is lower than the benchmark; coming in at 23.6% through November 2023. The amount in the Capital Program Allocation account is shown as negative as this is a "contra" account which represents an offset to the Personnel Costs section of the Operations & Maintenance (O&M) budget. A review of this category is being conducted.

Shared Services: This category is higher than the benchmark; coming in at 47.4% through November 2023. The shared services reimbursement is comprised of both labor (tracked via BigTime) and expenses, such as annual fees for software licensing. Staff from both GLWA and DWSD have been working together to evaluate and refine the budget for the shared services agreements. Based on these evaluations, adjustments have been made to both the billings and accounting accruals to reflect the forecasted activity more accurately for FY 2024. In addition, it is important to note that some of the shared services agreements are not billed at a monthly rate of 1/12 of the annual budgeted amount.

Table 3 – Operations & Maintenance Expense Variance Analysis – (\$000)

Expense Categories	FY 2023 AMENDED BUDGET	FY 2023 ACTIVITY THRU 11/30/2022	Percent Year-to- Date at 11/30/2022	FY 2023 ACTIVITY THRU 6/30/2023	Percent Year-to- Date at 6/30/2023	FY 2024			Percent Year-to- Date 11/30/2023	FY 2024 Prorated Amended Budget Less FY 2024 Activity
						FY 2024 AMENDED BUDGET	FY 2024 PRORATED BUDGET (5 MONTHS)	FY 2024 ACTIVITY THRU 11/30/2023		
Entity-wide										
Salaries & Wages	\$ 71,395	\$ 29,571	41.4%	\$ 70,114	42.2%	\$ 74,935	\$ 31,223	\$ 32,288	43.1%	\$ (1,064)
Workforce Development	1,326	504	38.0%	1,414	35.7%	1,392	580	791	56.8%	(211)
Overtime	8,411	3,487	41.5%	8,571	40.7%	7,453	3,105	3,601	48.3%	(496)
Employee Benefits	25,582	10,561	41.3%	24,790	42.6%	28,264	11,776	12,033	42.6%	(257)
Transition Services	9,432	4,230	44.8%	9,920	42.6%	9,129	3,804	4,191	45.9%	(387)
Employee Benefits Fund	-	-	0.0%	-	0.0%	-	-	-	0.0%	-
Personnel Costs	116,145	48,353	41.6%	114,808	42.1%	121,172	50,488	52,904	43.7%	(2,415)
Electric	47,963	20,292	42.3%	48,176	42.1%	46,769	19,487	21,503	46.0%	(2,015)
Gas	12,042	5,577	46.3%	10,821	51.5%	9,865	4,110	2,338	23.7%	1,773
Sewage Service	3,028	999	33.0%	3,052	32.7%	2,873	1,197	1,034	36.0%	163
Water Service	11,589	4,220	36.4%	15,228	27.7%	12,109	5,045	5,031	41.6%	14
Utilities	74,622	31,088	41.7%	77,277	40.2%	71,616	29,840	29,906	41.8%	(65)
Chemicals	29,525	12,002	40.7%	30,542	39.3%	33,109	13,795	12,470	37.7%	1,325
Supplies & Other	36,163	13,007	36.0%	35,766	36.4%	42,662	17,776	14,992	35.1%	2,784
Contractual Services	106,625	41,592	39.0%	108,725	38.3%	111,763	46,568	46,215	41.4%	353
Capital Program Allocation	(2,135)	(789)	36.9%	(2,190)	36.0%	(4,233)	(1,764)	(1,000)	23.6%	(764)
Shared Services	(1,571)	(496)	31.6%	(3,270)	15.2%	(1,656)	(690)	(785)	47.4%	95
Unallocated Reserve	1,497	-	0.0%	-	0.0%	8,796	3,665	-	0.0%	3,665
Total Expenses	\$ 360,870	\$ 144,757	40.1%	\$ 361,658	40.0%	\$ 383,229	\$ 159,679	\$ 154,703	40.4%	\$ 4,976
<i>Totals may be off due to rounding</i>										



The Basic Financial Statements report includes the following four tables.

1. Statement of Net Position - All Funds Combined
2. Statement of Revenues, Expenses and Changes in Net Position – All Funds Combined
3. Supplemental Schedule of Operations & Maintenance Expenses -All Funds Combined
4. Supplemental Schedule of Nonoperating Expenses – All Funds Combined

At a macro level GLWA has two primary funds for financial reporting purposes: *Water Fund* and *Sewage Disposal Fund*. These funds represent the combined total of four sub-funds for each system that are used internally to properly account for sources and uses of funds. Those sub-funds for each system are: *Operations & Maintenance Fund*, *Improvement & Extension Fund*, *Construction Fund*, and *Capital Asset Fund*.

The June 2023 comparative amounts shown in the tables below are presented based on final audited figures.

Statement of Net Position – All Funds Combined

Explanatory notes follow the Statement of Net Position shown in Table 1 below.

**Table 1 – Statement of Net Position - All Funds Combined
As of November 30, 2023
(\$000)**

	Water	Sewage Disposal	Total Business- type Activities	Comparative June 30, 2023
Assets				
Cash - unrestricted (a)	\$ 165,510	\$ 235,667	\$ 401,177	\$ 482,736
Cash - restricted (a)	109,366	109,294	218,661	470,204
Investments - unrestricted (a)	115,828	113,683	229,511	63,241
Investments - restricted (a)	107,811	202,564	310,375	177,998
Accounts Receivable	88,238	55,459	143,697	171,747
Due from (to) Other Funds (b)	1,666	(1,666)	-	-
Other Assets (c)	659,780	396,303	1,056,082	1,056,956
Cash held FBO DWSD Advance	-	-	-	-
Capital Assets, net of Depreciation	1,192,204	1,944,575	3,136,779	3,229,243
Land	293,617	126,816	420,433	420,433
Construction Work in Process (e)	447,105	314,735	761,840	668,326
Total assets	3,181,125	3,497,430	6,678,555	6,740,885
Deferred Outflows (f)	55,307	122,000	177,306	181,672
Liabilities				
Liabilities - Liabilities-ST	199,457	215,509	414,966	424,229
Due to (from) Other Funds (b)	-	-	-	-
Other Liabilities (h)	2,072	5,611	7,683	7,500
Cash Held FBO DWSD (d)	20,601	36,310	56,911	42,464
Liabilities - Long-Term (i)	3,087,036	3,419,500	6,506,536	6,598,619
Total liabilities	3,309,165	3,676,930	6,986,096	7,072,812
Deferred Inflows (f)	42,557	35,638	78,194	81,327
Total net position (j)	\$ (115,291)	\$ (93,138)	\$ (208,429)	\$ (231,582)

Totals may be off due to rounding

In general, the Statement of Net Position reflects a mature organization with no unexpected trends.

An ongoing challenge is the Net Position Deficit. The underlying causes took years to build (largely heavy use of debt to finance capital asset investment versus a strategic blend of debt, state revolving funds, and cash). The effect is reflected in GLWA's high debt interest expense. The GLWA is regularly updating the FY 2032 forecast which helps to provide a pathway to a positive Net Position in the future.

Footnotes to Statement of Net Position

- a. *Cash and Investments* during the fiscal year are reported at book value. Investments at June 30, 2023 are reported at market value. The November 30, 2023 values differ from the Cash and Investment section of this Financial Report Binder due to timing of certain items recognized on a cash versus accrual basis.
- b. *Due from Other Funds* and *Due to Other Funds* are shown at gross for sub-fund activity.
- c. *Other Assets* primarily consists of the contractual obligation receivable from DWSD related to reimbursement of bonded indebtedness for local system improvements.
- d. *Cash Held FBO Advance (for benefit of) DWSD* and *Cash Held FBO DWSD* represents the net difference between DWSD retail cash received from customers and net financial commitments as outlined in the Master Bond Ordinance.
- e. *Construction Work in Process* represents the beginning balance of CWIP plus any construction spending during the fiscal year. The balance will fluctuate based on the level of spend less any capitalizations or write-offs.
- f. *Deferred Inflow* and *Deferred Outflow* relate mainly to financing activity and GLWA's share of the legacy General Retirement System (GRS) pension obligation.
- g. *Liabilities - Short-term* include accounts payable, retainage payable, and certain accrued liabilities. Some items, such as compensated absences and worker's compensation, are reviewed periodically but only adjusted in the interim if there is a material change.
- h. *Other Liabilities* account for the cash receipts set aside for the Budget Stabilization Fund and the Water Residential Assistance Program.
- i. *Liabilities – Long-term* include bonds payable, lease payable, and legacy General Retirement System pension liabilities.
- j. *Net Position Deficit* is defined by accounting standards as the residual of all other elements presented in a statement of financial position. It is the difference between (a) assets and deferred outflows of resources and (b) liabilities and deferred inflows of resources. A net deficit occurs when the liabilities and deferred inflows exceed assets and deferred outflows. GLWA's net deficit is largely driven by an increase in depreciation expense because of the increase in the acquisition valuation approach for recording capital asset values in the opening Statement of Net Position on January 2016. Efforts are underway to evaluate the net operating effect of this matter over the long term.

Statement of Revenues, Expenses and Changes in Net Position

– All Funds Combined

This statement, shown in Table 2, is presented in summary format. The accrual basis of revenues and operations and maintenance expense vary from the revenue requirement basis presented in the *Budget to Actual Analysis* and the *Wholesale Billings, Receivables & Collections* sections of the November 2023 Financial Report Binder. Prior year ending balances are provided in the June 30, 2023 column as a reference for comparative purposes. Explanatory notes follow this statement.

Water revenues presented below in Table 2 differ from those presented in *Table 1A – Water Revenue Requirement Budget* found in the *Budget to Actual Analysis* section of this report because water revenues presented in Table 1A for revenue requirement purposes are reduced by the monthly payment to the City of Flint for a license to raw water rights.

Table 2 – Statement of Revenues, Expenses and Changes in Net Position
– All Funds Combined
For the Five Months ended November 30, 2023
(\$000)

	Water	Percent of Revenue	Sewage Disposal	Percent of Revenue	Total Business- Type Activities	Comparative June 30, 2023
Revenue						
Wholesale customer charges	\$ 146,940	93.2%	\$ 117,016	57.2%	\$ 263,956	\$ 616,511
Local system charges	10,641	6.7%	81,904	40.1%	92,545	213,877
Industrial waste charges		0.0%	3,582	1.8%	3,582	8,393
Pollutant surcharges		0.0%	1,608	0.8%	1,608	4,895
Other revenues	93	0.1%	333	0.2%	426	2,011
Total Revenues	157,673	100.0%	204,443	100.0%	362,116	845,686
Operating expenses						
Operations and Maintenance	65,890	41.8%	88,515	43.3%	154,405	366,823
Depreciation	54,537	34.6%	66,826	32.7%	121,363	289,957
Amortization of intangible assets	1,486	0.9%	183	0.1%	1,669	4,006
Total operating expenses	121,913	77.3%	155,524	76.1%	277,437	660,786
Operating Income	35,760	22.7%	48,919	23.9%	84,679	184,900
Total Nonoperating (revenue) expense	27,191	17.2%	34,335	16.8%	61,527	197,183
Increase/(Decrease) in Net Position	8,569	5.4%	14,584	7.1%	23,153	(12,283)
Net Position (deficit), beginning of year	(123,860)		(107,722)		(231,582)	(219,299)
Net position (deficit), end of year	\$ (115,291)		\$ (93,138)		\$ (208,429)	\$ (231,582)

Totals may be off due to rounding

Water Fund

- ✓ The increase in Water Fund Net Position is \$8.6 million.
- ✓ Wholesale water customer charges of \$146.9 million account for 93.2% of Water System revenues.
- ✓ Operating expenses of \$121.9 million represent 77.3% of total operating revenue. Depreciation is the largest operating expense at \$54.5 million or 44.7% of operating expense.
- ✓ Amortization of intangible assets represents activity for raw water rights.
- ✓ Operating income after operating expenses (including depreciation) equals \$35.8 million or 22.7% of operating revenue.
- ✓ The largest category within nonoperating activities is bonded debt interest expense of \$35.7 million (this equates to the bonded debt interest expense less the offset from DWSD contractual obligation income).

Sewage Disposal Fund

- ✓ The increase in the Sewage Disposal Fund Net Position is \$14.6 million.
- ✓ Wholesale customer charges of \$117.0 million account for 57.2% of Sewer System revenues. Wholesale customer charges are billed one-twelfth each month based on an agreed-upon historical average “share” of each customer’s historical flows which are formally revisited on a periodic basis. The result is no revenue shortfall or overestimation.
- ✓ Local system (DWSD) charges of \$81.9 million account for 40.1% of total operating revenues. These are also billed at one-twelfth of the annual revenue requirement.
- ✓ Operating expenses of \$155.5 million represent 76.1% of total operating revenue. Depreciation is the largest operating expense at \$66.8 million or 43.0% of total operating expense.
- ✓ Amortization of intangible assets represents activity for a warehouse lease.
- ✓ Operating income after operating expenses (including depreciation) equals \$48.9 million or 23.9% of operating revenue.
- ✓ The largest category within nonoperating activities is bonded debt interest expense of \$42.8 million (this equates to the bonded debt interest expense less the offset from DWSD contractual obligation income).

Supplemental Schedule of Operations & Maintenance Expenses – All Funds Combined

This Supplemental Schedule of Operations & Maintenance Expenses (O&M) schedule is shown below in Table 3. This accrual basis of operations and maintenance expense may vary from the revenue requirement basis presented in the *Budget to Actual Analysis* section of the November 2023 Financial Report Binder. Explanatory notes follow this schedule.

**Table 3 – Supplemental Schedule of Operations & Maintenance Expenses
– All Funds Combined
For the Five Months ended November 30, 2023
(\$000)**

	Water	Percent of Total	Sewage Disposal	Percent of Total	Total Business- Type Activities	Percent of Total
Operating Expenses						
Personnel						
Salaries & Wages	11,842	18.0%	25,427	28.7%	37,269	24.1%
Overtime	2,250	3.4%	1,351	1.5%	3,601	2.3%
Benefits	8,635	13.1%	3,399	3.8%	12,033	7.8%
Total Personnel	\$ 22,727	34.5%	\$ 30,177	34.1%	\$ 52,904	34.3%
Utilities						
Electric	13,864	21.0%	7,638	8.6%	21,503	13.9%
Gas	196	0.3%	2,142	2.4%	2,338	1.5%
Sewage	144	0.2%	890	1.0%	1,034	0.7%
Water	1	0.0%	5,030	5.7%	5,031	3.3%
Total Utilities	\$ 14,206	21.6%	\$ 15,700	17.7%	\$ 29,906	19.4%
Chemicals	4,764	7.2%	7,706	8.7%	12,470	8.1%
Supplies and other	4,556	6.9%	10,228	11.6%	14,785	9.6%
Contractual services	22,011	33.4%	25,454	28.8%	47,465	30.7%
Capital Adjustment	-	0.0%	-	0.0%	-	0.0%
Capital program allocation	(520)	-0.8%	(480)	-0.5%	(1,000)	-0.6%
Intergovernmental Agreement	(1,295)	-2.0%	(45)	-0.1%	(1,340)	-0.9%
Shared services allocation	(560)	-0.9%	(225)	-0.3%	(785)	-0.5%
Operations and Maintenance Expenses	\$ 65,890	100.0%	\$ 88,515	100.0%	\$ 154,405	100.0%

Totals may be off due to rounding

- ✓ Core expenses for water and sewage disposal systems are utilities (19.4% of total O&M expenses) and chemicals (8.1% of total O&M expenses).
- ✓ Personnel costs (34.3% of total O&M expenses) include all salaries, wages, and benefits for employees as well as staff augmentation contracts that fill a vacant position (contractual transition services).
- ✓ Contractual services (30.7%) includes:
 - Water System costs of sludge removal and disposal services at the Northeast, Southwest and Springwells Water Treatment Plants (approximately \$3.7 million);
 - Sewage Disposal System costs for the operation and maintenance of the biosolids dryer facility (approximately \$7.5 million); and
 - Centralized and administrative contractual costs allocated to both systems for information technology, building maintenance, field, planning and other services.
- ✓ The Capital Program Allocation, Intergovernmental Agreement and Shared Services Allocation are shown as negative amounts because they are 'contra' expense accounts representing offsets to associated costs in other Operations and Maintenance expense categories.

Supplemental Schedule of Nonoperating Expenses – All Funds Combined

The Supplemental Schedule of Nonoperating Expenses – All Funds Combined is shown in Table 4. Explanatory notes follow this schedule.

**Table 4 – Supplemental Schedule of Nonoperating Expenses – All Funds Combined
For the Five Months ended November 30, 2023
(\$000)**

	Water	Sewage Disposal	Total Business-type Activities	Comparative June 30, 2023
Nonoperating (Revenue)/Expense				
Interest income contractual obligation	\$ (10,045)	\$ (6,561)	\$ (16,606)	\$ (41,059)
Investment earnings	(9,271)	(12,161)	(21,431)	(35,344)
Net (incr) decr in fair value of invstmt	(1,305)	(2,617)	(3,922)	(2,257)
Other nonoperating revenue	(168)	(3,036)	(3,205)	(3,872)
Interest Expense				
Bonded debt	45,736	49,372	95,109	228,066
Lease obligation	6,926	8,465	15,392	37,319
Other obligations	1,752	668	2,420	5,906
Total interest expense	<u>54,414</u>	<u>58,505</u>	<u>112,920</u>	<u>271,291</u>
Other non-capital expense	-	-	-	-
Memorandum of Understanding	-	-	-	-
Capital Contribution	-	-	-	(2,176)
Amortization, issuance costs, debt	(6,471)	319	(6,152)	(3,998)
(Gain) loss on disposal of capital assets	(12)	(10)	(23)	2,119
Loss on impairment of capital assets	-	-	-	-
Discontinued Capital Projects	-	-	-	20,903
Water Residential Assistance Program	49	(104)	(55)	12,343
Legacy pension expense	-	-	-	(20,765)
Total Nonoperating (Revenue)/Expense	<u>\$ 27,191</u>	<u>\$ 34,335</u>	<u>\$ 61,527</u>	<u>\$ 197,183</u>

- ✓ Interest income on contractual obligation relates to the portion of the total GLWA debt obligation attributable to DWSD. This interest income offsets the total debt interest expense paid by GLWA on behalf of both entities monthly.
- ✓ Investment earnings in this report are reflected at book value. Any differences between the Basic Financial report and Cash and Investment section of this Financial Report binder are due to accrued interest.
- ✓ Net (increase) decrease in fair value of investments consists of market value of investments and realized gain/loss on sale of investments. FY 2022 market value adjustments for Water and Sewer total \$2.8 million and \$3.9 million, respectively. FY 2023 market value adjustments for Water and Sewer total \$1.3 million and \$2.6 million, respectively. Any difference is due to realized gain or loss on investments.

All amounts are unaudited unless otherwise noted.

GLWA Audit Committee February 26, 2024

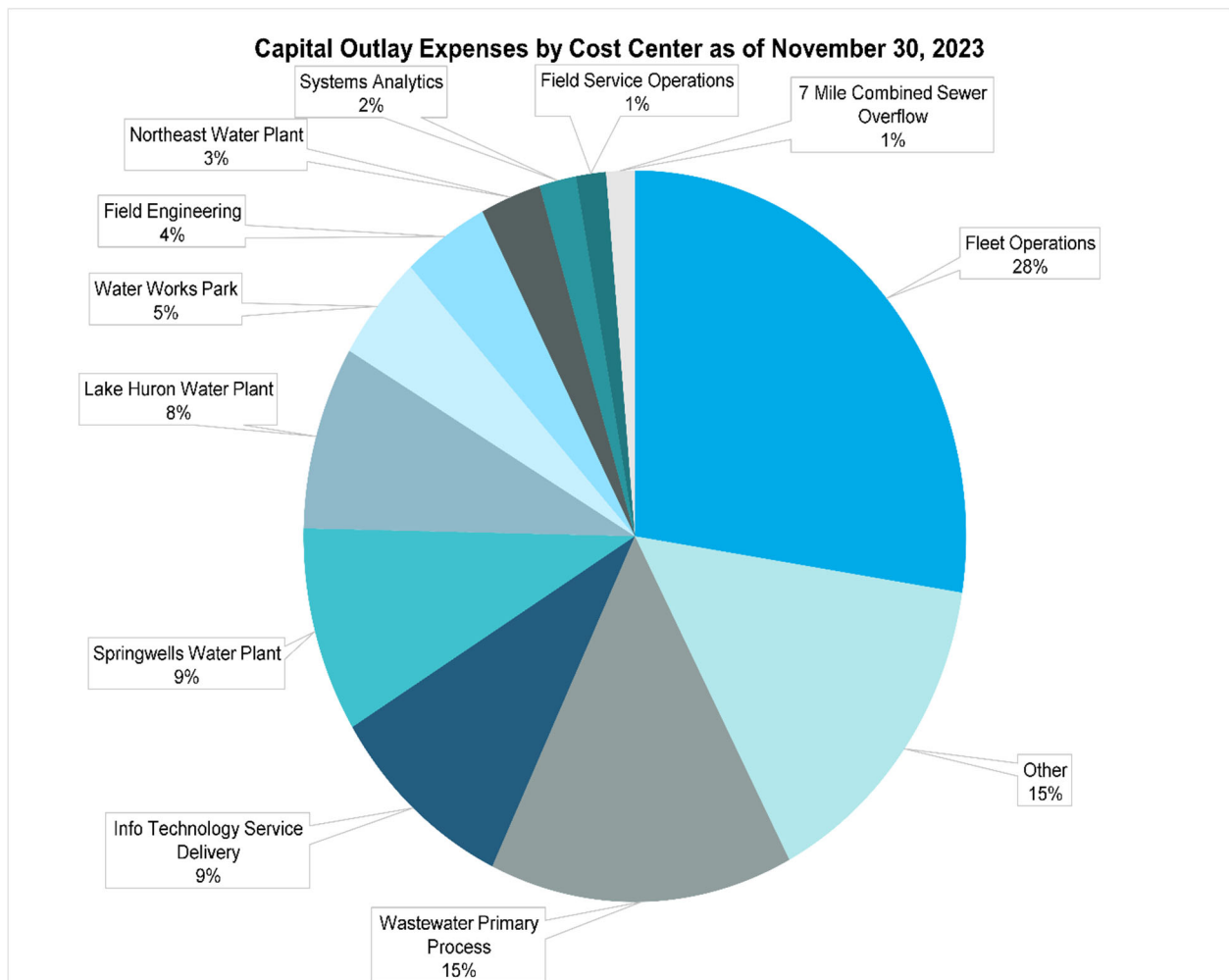
- ✓ Interest expense, the largest category of nonoperating expenses, is made up of three components:
 - Bonded debt;
 - Lease obligation for the regional assets from the City of Detroit; and
 - Other obligations such as an obligation payable to the City of Detroit for an allocation BC Notes related to assumed DWSD liabilities; acquisition of raw water rights related to the KWA Pipeline.
- ✓ FY 2024 and FY 2023 other non-operating income primarily represents FEMA Covid-19 grant income for the Water and Sewage Disposal systems.
- ✓ The FY 2023 capital contribution in Nonoperating (revenue) expense represents funds from the Evergreen Farmington Sewer District for a maximum discharge capacity of 227 cubic feet per second (cfs) to the regional sewer system.
- ✓ FY 2023 Sewage Disposal loss on disposal of capital assets includes sale of McKinstry warehouse.
- ✓ For FY 2023, GLWA is recognizing non-operating pension revenue rather than expense as a result of improved investment earnings for the plan.
- ✓ The FY 2023 Discontinued capital projects represents the cancellation of three Water CIP projects to repurpose the Northeast Water Treatment Plant.

Financial Activity Charts

Chart 1 – Capital Outlay – Water and Sewer System Combined

Capital Outlay represents purchases of equipment, software, and small facility improvement projects. It *excludes* any capital investment which is included in the monthly construction work-in-progress report related to the Capital Improvement Program. Some items span several months so the entire cost may not have been incurred yet. In addition, items are capitalized only if they meet GLWA’s capitalization policy.

Through November 30, 2023, total capital outlay spend is \$8.4 million. Following this chart is a sample list of projects and purchases from the total spend of \$8.4 million:



Note: Due to rounding totals may not equal 100%.

Water Operations: Ovation power supply upgrade (\$884k); Clarifier Drive (\$451k); Water Works Park build out (\$210k); Springwells elevator repairs (\$89k); WRRF EV

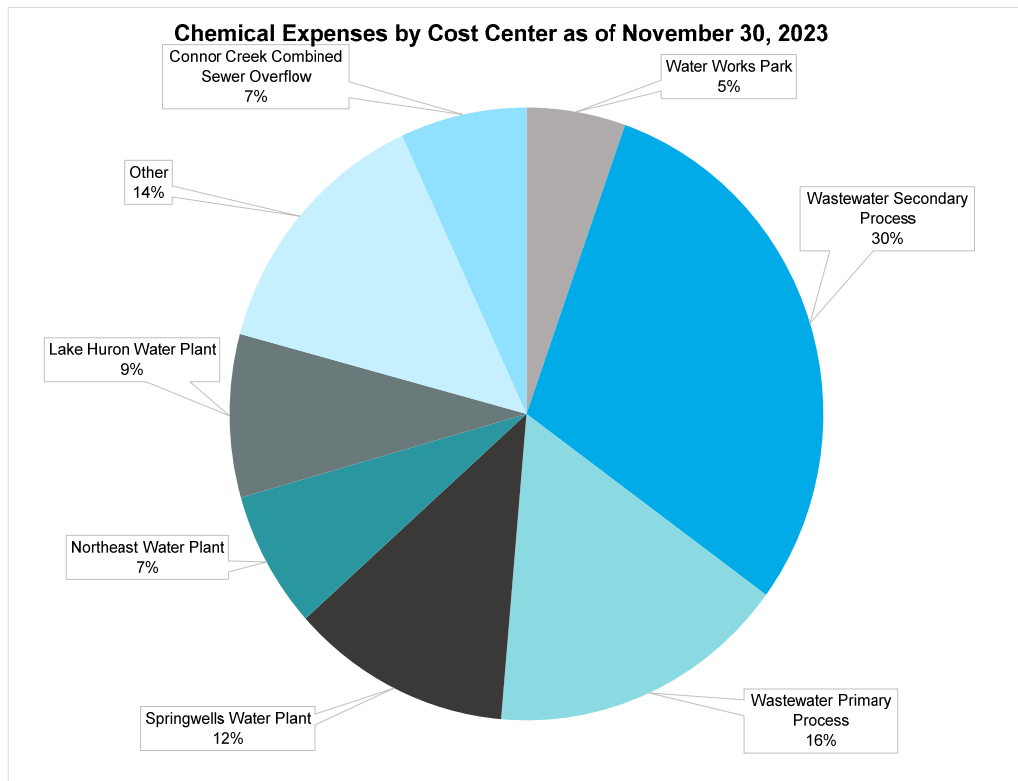
charging stations (\$87k); Ozone vessel refurbish (\$84k); Northeast Water Treatment Plant annual work platform (\$73k) and Asset center implementation (\$49k).

Wastewater Operations: Magnetic Low Meter Replacement (\$1.0m); Complex A pump replacement (\$265k); Multiple CSO’s submersible motor (\$92k); STACO energy first line universal power supply (\$91k); Chlorination scrubber pump (\$70k); Submersible chopper pump (\$68k); Dynamic pump optimizer (\$65k); Incineration C-11 Building freight elevator (\$65k); 7 mile CSO influent slide gate replacement (\$59k) and multiple CSO actuator replacement (\$49k).

Centralized & Administrative Facilities: Trucks and vehicles (\$2.2m); Computer hardware and software (\$782k); Sewer meter support (\$111k); Forklift (\$86k); Database support (\$63k); Probe (\$58k) and Water Board Building furniture and supplies (\$51k).

Chart 2 – Chemical Expenses – Water and Sewer System Combined

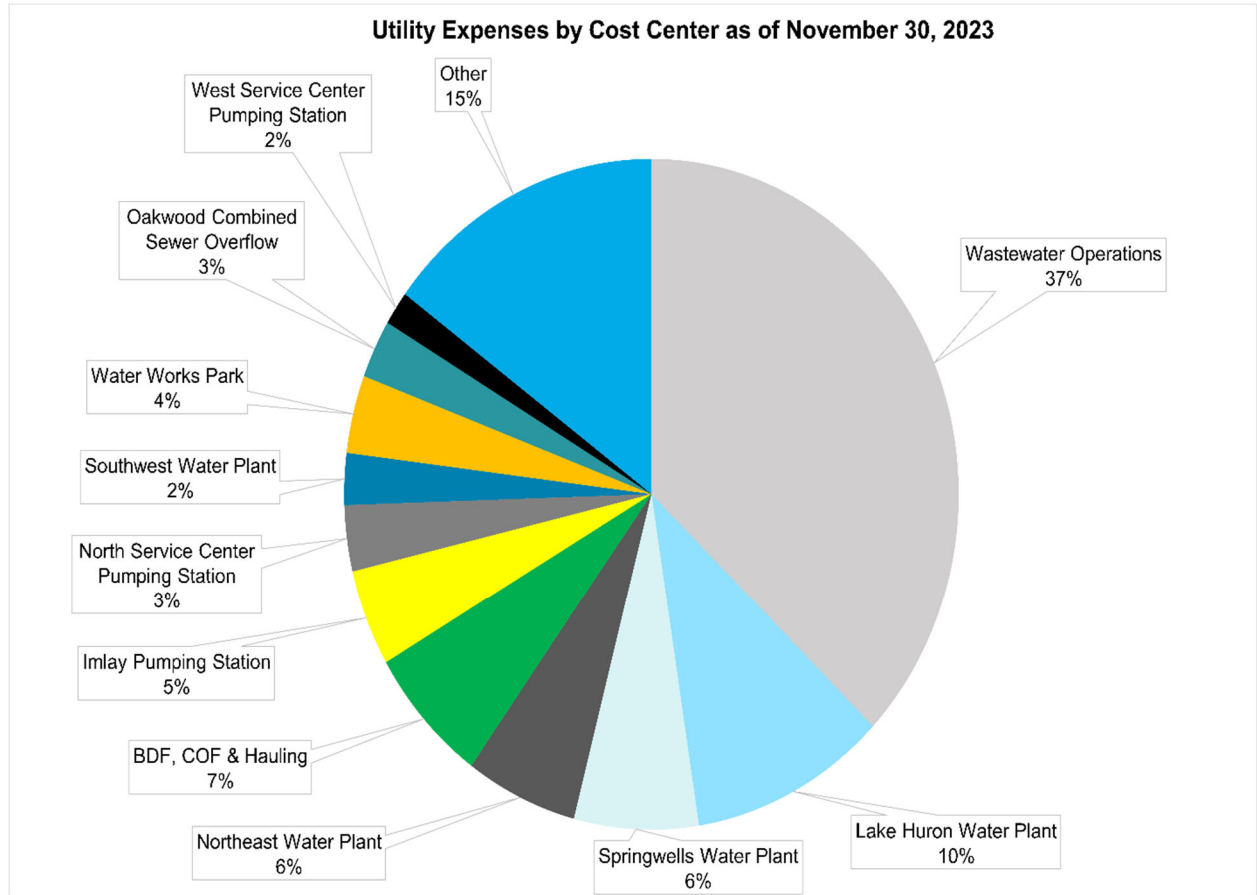
Chemical expenses are \$12.5 million through November 30, 2023. The allocation is shown in the chart below and remains consistent with prior periods.



Note: “Other” includes Combined Sewer Overflow (CSO), portions of the Wastewater process and two departments from Water. Due to rounding totals may not equal 100%.

Chart 3 – Utility Expenses – Water and Sewer System Combined

Utility expenses are \$29.9 million through November 30, 2023. The allocation is shown in the chart below and consistent with prior periods.



Note: Due to rounding totals may not equal 100%.



Financial Operations KPI

This key performance indicator shown in **Chart 1 – Bank Reconciliation Completion Status** below provides a measure of the progress made in the month-end close process which includes bank reconciliations with a completed status at month end. Through November 30, 2023 all reconciliations are up-to-date and complete.

There were no accounts added in the general ledger since October 2023.

Chart 1 – Bank Reconciliation Completion Status

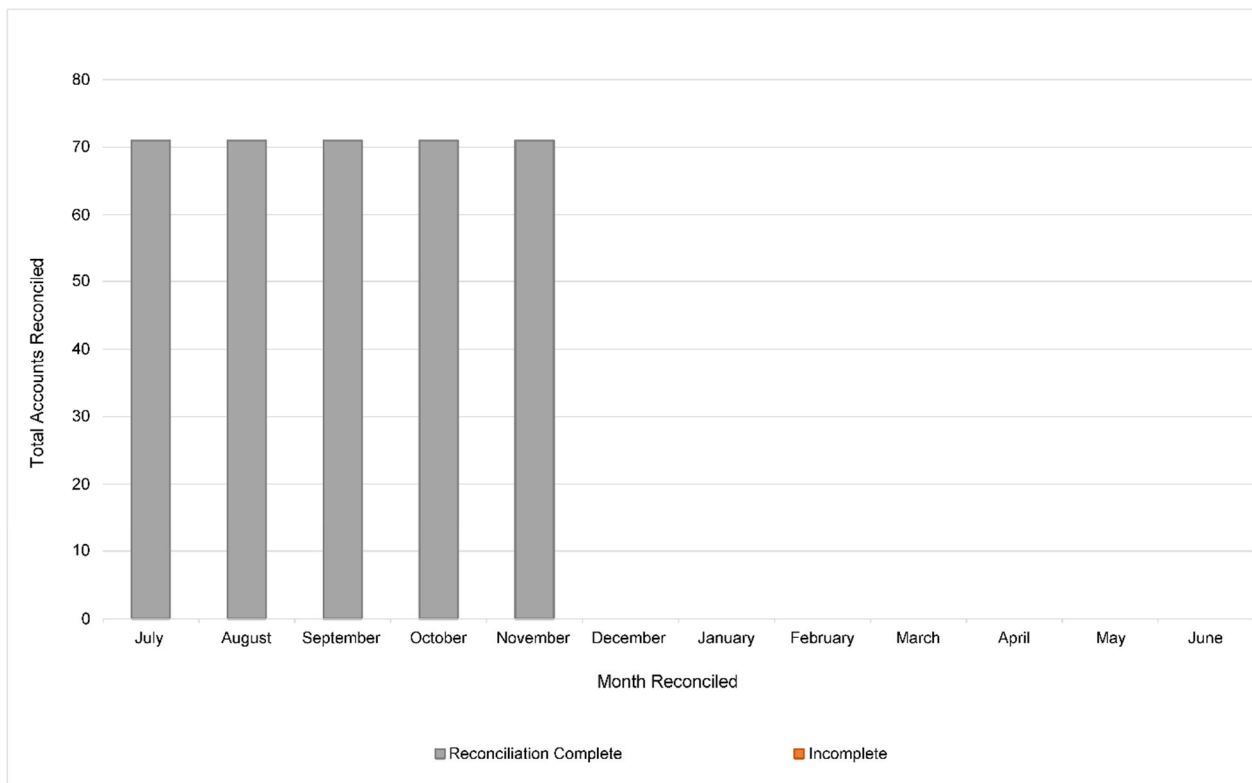


Table 1 – Fiscal Year 2024 GL Cash Account Rollforward

Total GL Cash accounts as of July 1, 2023	71
New GL Cash accounts	0
Inactivated GL Cash accounts	0
Total GL Cash accounts as of November 30, 2023	71

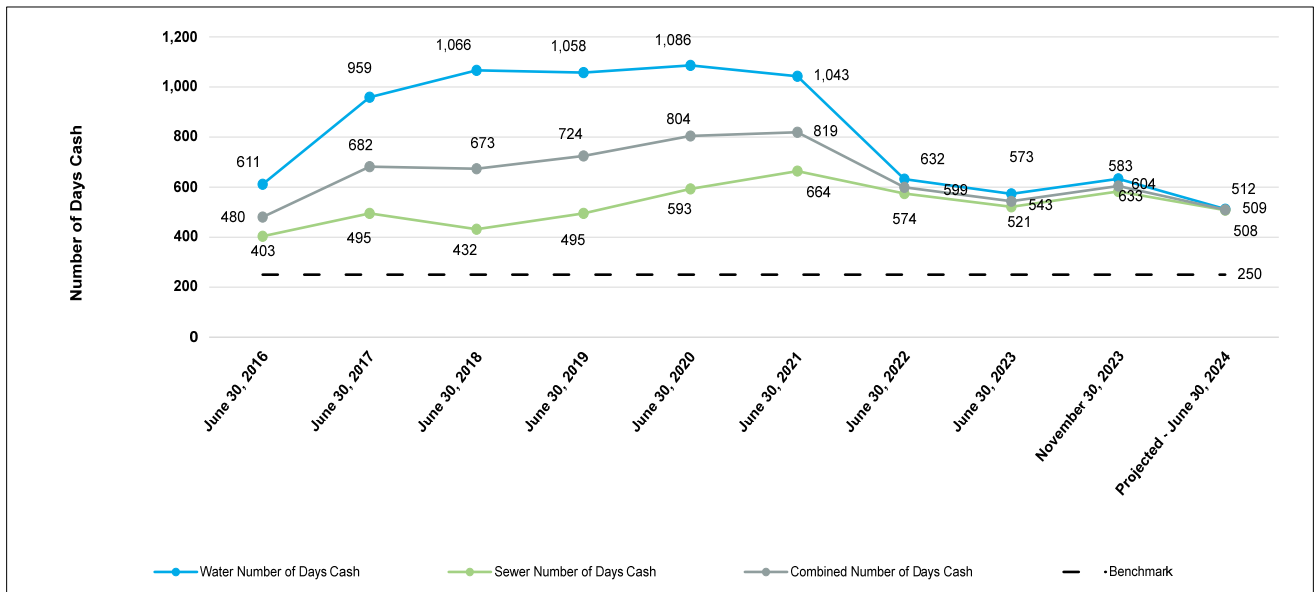


Financial Operations KPI - Liquidity

This key performance indicator shown in **Chart 1 – Historical Schedule of Days Cash on Hand – Liquidity – Regional System** and **Table 1 – Schedule of Days Cash on Hand – Liquidity – Regional System** below provides a measure of a utility’s ability to meet expenses, cope with emergencies and navigate business interruptions. Liquidity is one of several key metrics monitored by bond rating agencies reflecting an organization’s financial strength. A best practice benchmark for this key performance indicator is greater than 250 days cash on hand as shown by the dashed line in Chart 1 below.

Both GLWA Water and Sewer funds continue to exceed this target with Water at 633 and Sewer at 583 days cash on hand as of November 30, 2023. These balances remain strong for the regional system but did decrease in FY 2022 as I&E funds were used as planned to fund capital improvement projects. A December 2023 revenue bond transaction replenished the construction bond funds and reduced the emphasis on I&E funding. The FY 2024 projection is calculated based on values from the GLWA FY 2024 – 2028 Budget & Five-Year Plan adjusted for 1st quarter budget amendments.

Chart 1 – Historical Schedule of Days Cash on Hand – Liquidity – Regional System



Note: The GLWA Annual Comprehensive Financial Reports are the source of all historic data referenced. Refer to these reports for detailed calculations by fiscal year.

Table 1 – Schedule of Days Cash on Hand – Liquidity – Regional System

	<u>June 30, 2023</u>	<u>November 30, 2023</u>	<u>Projected June 30, 2024</u>
Water Fund			
Cash and Investments - Unrestricted	\$ 243,707,000	\$ 281,338,000	\$ 228,800,000
Operating Expense			
Operating Expense (a)	\$ 285,220,000	\$ 126,820,000	\$ 304,367,000
Less: Depreciation (a)	(126,486,000)	(57,375,000)	(137,700,000)
Less: Amortization of Intangible Asset (a)	(3,567,000)	(1,486,000)	(3,567,000)
Net Operating Expense	\$ 155,167,000	\$ 67,959,000	\$ 163,101,000
Operating Expense per Day	\$ 425,000	\$ 444,000	\$ 447,000
Days Cash			
Number of Days Cash	573	633	512
Sewage Disposal Fund			
Cash and Investments - Unrestricted	\$ 302,270,000	\$ 349,350,000	\$ 306,100,000
Operating Expense			
Operating Expense (a)	\$ 375,567,000	\$ 160,679,000	\$ 385,628,000
Less: Depreciation (a)	(163,471,000)	(68,958,000)	(165,500,000)
Less: Amortization of Intangible Asset (a)	(440,000)	-	-
Net Operating Expense	\$ 211,657,000	\$ 91,720,000	\$ 220,128,000
Operating Expense per Day	\$ 580,000	\$ 599,000	\$ 603,000
Days Cash			
Number of Days Cash	521	583	508
Combined			
Cash and Investments - Unrestricted	\$ 545,977,000	\$ 630,688,000	\$ 534,900,000
Operating Expense			
Operating Expense (a)	\$ 660,787,000	\$ 287,498,000	\$ 689,996,000
Less: Depreciation (a)	(289,957,000)	(126,333,000)	(303,200,000)
Less: Amortization of Intangible Asset (a)	(4,006,000)	(1,486,000)	(3,567,000)
Net Operating Expense	\$ 366,824,000	\$ 159,679,000	\$ 383,229,000
Operating Expense per Day	\$ 1,005,000	\$ 1,044,000	\$ 1,050,000
Days Cash			
Number of Days Cash	543	604	509
<i>Totals may be off due to rounding</i>			

(a) Current year expenses are expressed as a proration of the annual budget for the purposes of this metric.



The monthly Budget to Financial Statements Crosswalk includes the following.

1. Crosswalk Budget Basis to Financial Reporting Basis
2. Explanatory Notes for Crosswalk

Purpose for Crosswalk: The Great Lakes Water Authority establishes a “Revenue Requirements” budget for the purposes of establishing charges for services. The financial report is prepared in accordance with Generally Accepted Accounting Policies for enterprise funds of a local government. Because the budget and the financial statements are prepared using different basis of accounting, the crosswalk reconciles the “Net Difference” to the “Increase/(Decrease) in Net Position” in Table 2 of the Basic Financial Statements in the monthly Financial Report.

The Authority has a Water Master Bond Ordinance and a Sewer Master Bond Ordinance (MBO). The Ordinances provide additional security for payment of the bonds. All revenues of the system are deposited into Revenue Receipts Funds which are held in trust by a trustee. The cash is moved to multiple bank accounts monthly based on 1/12th of the budget as defined in the MBO (“the flow of funds”) for all revenue requirements except for the Debt Service monthly transfer. The Debt Service monthly requirement is computed by the trustee, U.S. Bank. The cash transfer for debt is net of investment earnings that remain in the debt service accounts to be used for debt service.

The budget is prepared on a modified cash basis. The revenue requirements are determined based upon the cash needed to meet the financial commitments as required by the Master Bond Ordinance.

- Operation & Maintenance (O&M) expenses based on an accrual basis
- O&M Legacy Pension Allocation (includes administrative fee) and Accelerated Legacy Pension Allocation (includes B&C notes obligation) based on a cash basis
- Debt Service Allocation based on a cash set aside basis to provide the cash for the debt payments on the due dates
- Lease payments based on a cash basis
- Water Residential Assistance Program based on a percentage of budgeted revenue
- Regional System Improvement & Extension Fund Allocation on a cash basis

Budget: In Table 1A and Table 1B of the Budget to Actual Analysis the ‘Revenues’ section is the accrual basis revenues that are available to meet the ‘Revenue Requirements’. The ‘Revenue Requirements’ section budget column indicates the annual cash transfers to be made.

Financial Reporting: The Authority's financial statements are prepared in conformity with generally accepted accounting principles (GAAP) as applied to government units. The Authority maintains its records on the accrual basis of accounting to conform to GAAP. Revenues from operations, investments and other sources are recorded when earned. Expenses (including depreciation) are recorded when incurred.

Table 1 – Crosswalk Budget Basis to Financial Reporting Basis provides a reconciliation of the “Net Difference” in Table 1A and Table 1B in the Budget to Actual Analysis report to the “Increase/(Decrease) in Net Position” in Table 2 of the Basic Financial Statements in this monthly Financial Report. Explanatory notes follow the Crosswalk shown in Table 1 below.

**Table 1 – Crosswalk Budget Basis to Financial Reporting Basis (\$000)
For the Five Months Ended November 30, 2023**

	Water	Sewer	Total
Net Revenue Requirement Budget Variance (a)	\$ 2,223	\$ 2,049	\$ 4,272
Budgetary categories adjustments to financial reporting basis			
Pension delayed accounting election adjustments			
Current year pension transfers/payments recorded as deferral (c)	1,050	1,879	2,929
Prior year pension contribution accounted for in current year (d)	-	-	-
Administrative prepaid adjustment (e)	-	-	-
Debt service (f)	31,556	53,288	84,844
Accelerated pension B&C notes obligation portion (g)	89	201	290
Regional System lease (h)	2,449	2,993	5,442
GASB 87 & GASB 96 adjustments (h)	1,268	160	1,428
WRAP (i)	723	938	1,661
Extraordinary Repair & Replacement Fund transfers (j)	1,438	-	1,438
Improvement & Extension Fund transfers (j)	12,574	12,572	25,146
Nonbudgeted financial reporting categories adjustments			
Depreciation and amortization (k)	(56,023)	(67,009)	(123,032)
Amortization - debt related (k)	6,471	(319)	6,152
Other nonoperating income (k)	-	2,866	2,866
Other nonoperating expense (k)	-	-	-
Gain(loss) on disposal of capital assets (k)	12	10	22
Raw water rights obligation (l)	1,220	-	1,220
Investment earnings for construction fund (m)	2,354	3,169	5,523
Interest on DWSD note receivable (n)	-	-	-
Investment earnings unrealized gain/loss (o)	1,305	2,617	3,922
Improvement & extension fund operating expenses (p)	(140)	(830)	(970)
Capital Contribution (q)	-	-	-
Net Position Increase/(Decrease) per Financial Statements (b)	\$ 8,569	\$ 14,584	\$ 23,153

Table 2 - Explanatory Notes for Crosswalk

- (a) Source: Budget to Actual Table 1A and Table 1B in Monthly Financial Report
- (b) Source: Basic Financial Statements Table 2 in Monthly Financial Report
- (c) Current year pension payments are an expense for budget purposes but not for financial reporting purposes.
- (d) Prior year pension payments are accounted for in the current year financial statements.

- (e) The administrative fee is part of the O&M Legacy Pension shown as an expense for budget purposes. For financial reporting purposes part of the administrative fee is considered prepaid based on the prior year General Retirement System audit information and therefore not an expense for the current year financial reporting. The prepaid portion is adjusted in June each year.
- (f) Debt service (principal and interest payments) are shown as an expense for budget purposes. Most of the adjustment relates to principal payments which are not an expense for financial reporting purposes. A portion of the adjustment relates to interest expense variances on state revolving fund debt due to the timing of payment draws. The cash set aside basis for interest expense generally is the same as the accrual basis for financial reporting.
- (g) The accelerated pension payment includes the obligation payable for the B&C notes. The pension portion is included in item (c) above. This adjustment relates to the B&C note obligation payments. The principal and interest cash basis payments are treated as an expense for budget purposes. The principal portion is not an expense for financial reporting purposes. For financial reporting purposes interest is expensed on an accrual basis which is different from the cash basis.
- (h) Payments for the warehouse lease and subscription-based information technology arrangements (SBITA) are expensed for budget purposes. For financial reporting purposes, the warehouse lease is recorded under GASB 87 and payments are treated as a reduction in the lease liability and interest expense (which is a nonoperating expense). The SBITA payments are recorded under GASB 96 and are treated as a prepaid subscription asset as the software is currently in the implemented phase.
- (i) WRAP is shown as an expense for budget purposes. For financial reporting purposes the expense is not recognized until the funds have been transferred to the WRAP administrator. The adjustment shown is the amount of current year transfers that have not been transferred to the WRAP administrator. Note that there are funds from the prior year that have not been transferred to the WRAP administrator.
- (j) The Improvement & Extension Fund and Extraordinary Repair & Replacement Fund transfers are shown as an expense for budget purposes but not for financial reporting purposes.
- (k) Certain nonoperating income and expenses are reported in financial statements only.

- (l) The water service contract with Flint includes a license for raw water rights which has been recorded as an asset and liability by the Authority. The contract provides for a credit to Flint as Flint satisfies its monthly bond payment obligation to KWA. This KWA credit is treated as a noncash payment of principal and interest on the liability recorded for the raw water rights. For budget, wholesale customer charges are net of the anticipated KWA credits to Flint as that is the cash that will be received and available to meet the budgeted revenue requirements. For financial reporting purposes the Flint wholesale charges are recorded as the total amount billed. When the KWA credit is issued, the receivable from Flint is reduced and the principal and interest payments on the liability for the raw water rights are recorded as a noncash transaction. Most of the adjustment shown relates to the principal reduction made for the credits applied which are not an expense for financial reporting basis.
- (m) Investment earnings from the construction fund are not shown as revenue in the budget and are shown as revenue in the financial statements. Construction fund investment earnings are excluded from the definition of revenue for budget purposes as they are used for construction costs and are not used to meet the revenue requirements in the budget.
- (n) Interest on a DWSD note receivable is budgeted as part of the Sewer improvement and extension fund and is transferred directly to that fund as payments are made. DWSD does not currently have a note receivable due to GLWA.
- (o) Unrealized gains and losses are recorded annually as required for financial reporting purposes but do not reflect actual investment earnings and are not included in cash basis reporting.
- (p) The Water Improvement and Extension fund and the Sewer Improvement and Extension fund reflect certain expenses relating to repairs paid for through the Water and Sewer Improvement and Extension funds, respectively. These are consolidated expenses for financial reporting purposes but are not reflected in the current Operations and Maintenance budget expenses.



The Monthly Capital Improvement Plan Financial Summary includes the following.

1. Water System Capital Improvement Plan Spend Incurred to date
2. Sewer System Capital Improvement Plan Spend Incurred to date

Capital Improvement Plan Financial Summary

Great Lakes Water Authority (GLWA) capital improvement projects generally span two or more years due to size and complexity. Therefore, the GLWA Board of Directors (Board) adopts a five-year capital improvement plan (CIP). The CIP is a five-year, rolling plan which is updated annually and formally adopted by the GLWA Board of Directors. In addition, the Board of Directors adopts a capital spending ratio assumption (SRA) which allows the realities of capital program delivery to align with the financial plan. The SRA is an analytical approach to bridge the total dollar amount of projects in the CIP with what can realistically be spent due to limitations beyond GLWA's control and/or delayed for nonbudgetary reasons. Those limitations, whether financial or non-financial, necessitate the SRA for budgetary purposes, despite the prioritization established.

This report presents quarterly and monthly CIP spending against the prorated CIP in total and the CIP adjusted for the SRA. For FY 2024 the original Board approved capital spend rate was 100%. The prorated CIP is calculated by dividing the total fiscal year 2024 Board approved CIP plan by twelve equal months. It should be noted that for operational purposes, GLWA utilizes Primavera P6 for refined monthly projections for cash management and project management.

Capital spend reflects a noticeable variance from budgeted CIP for both the water and sewer funds. For the purposes of this metric, we compare actual spend with the Board-approved budget. For the purposes of managing the financial plan, budget amendments are made to align spending with resources available. First quarter FY 2024 budget amendments were approved by the Board of Directors January 24, 2024.

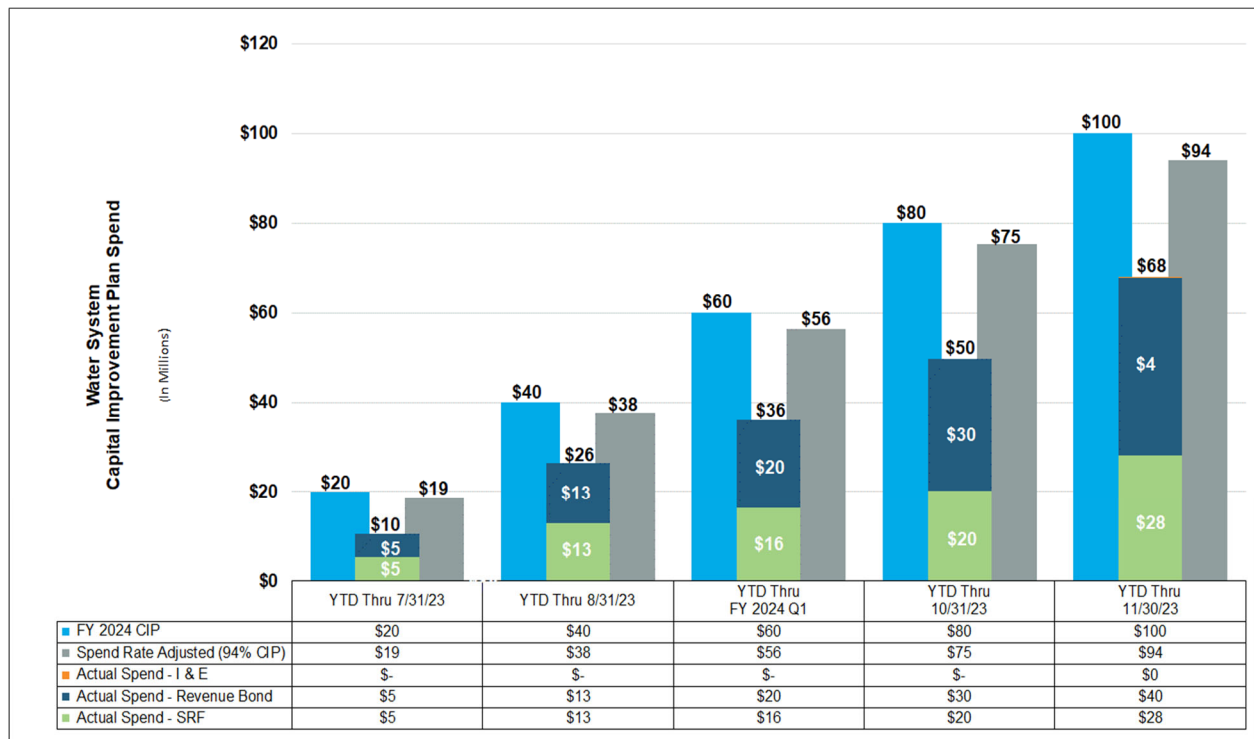
Chart 1 – Water System Capital Improvement Plan Spend Incurred to Date

As of November 2023, the water system incurred \$68 million of construction costs to date. This spend represents 68% of the original Board approved FY 2024 CIP plan and 72% of the spend rate adjusted.

Economic factors affecting the CIP spend are considered by the Board quarterly at which time the Board may amend the planned spend rate adjusted.

Effective December 2023, GLWA staff presented to the Audit Committee a recommendation to amend the spend rate adjusted for the water system from 100% to 94%. This recommended change was approved by the full Board of Directors in January 2024 and is reflected in Chart 1 below. Current water system spend represents 72% of that spend rate adjusted.

Chart 1 – Water System Capital Improvement Plan Spend Incurred to Date – Spend Rate Adjusted



All amounts are unaudited unless otherwise noted.

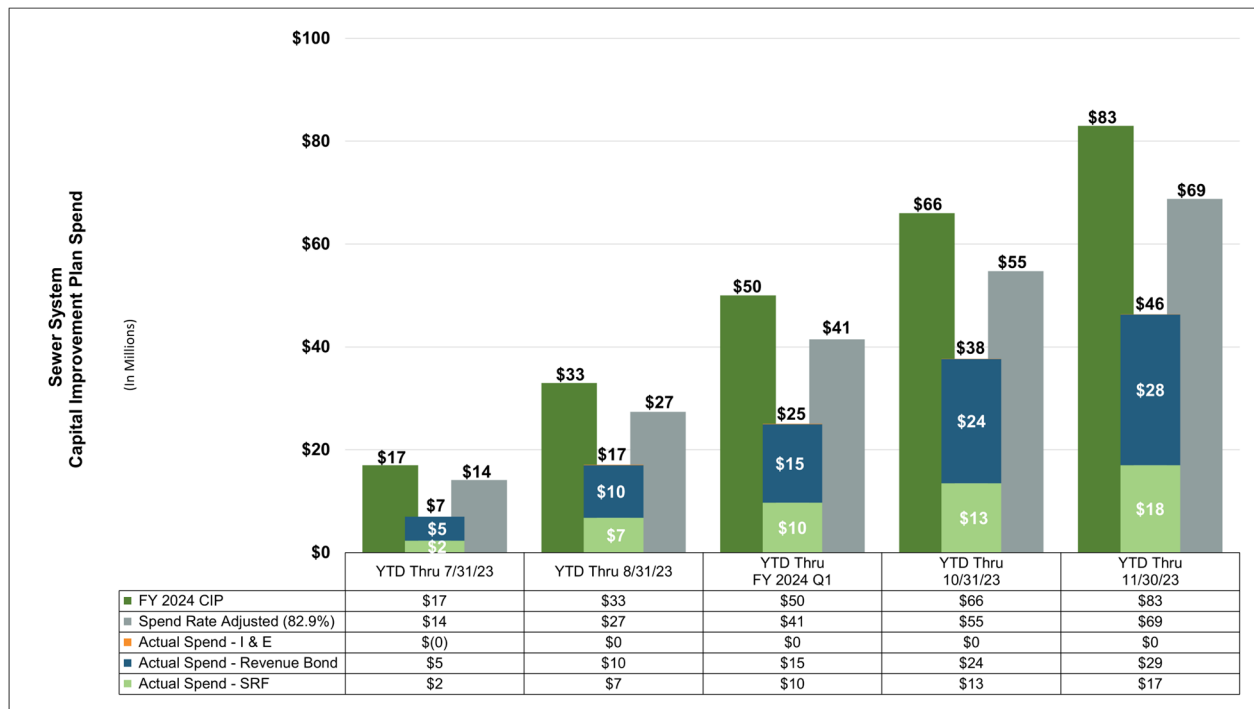
Chart 2 – Sewer System Capital Improvement Plan Spend Incurred to Date

As of November 2023, the Sewer system incurred \$46 million of construction costs to date. This spend represents 56% of the original Board approved FY 2024 CIP plan and 67% of the spend rate adjusted.

Economic factors affecting the CIP spend are considered by the Board quarterly at which time the Board may amend the planned spend rate adjusted.

Effective December 2023, GLWA staff presented to the Audit Committee a recommendation to amend the spend rate adjusted for the sewer system from 100% to 82.9%. This recommended change was approved by the full Board of Directors in January 2024 and is reflected in Chart 2 below. Current sewer system spend represents 67% of that Board approved spend rate adjusted.

Chart 2 – Sewer System Capital Improvement Plan Spend Incurred to Date – Spend Rate Adjusted





This report includes the following.

1. Master Bond Ordinance (MBO) Required Transfers to Accounts Held by GLWA
2. Master Bond Ordinance (MBO) Required Transfers to Accounts Held by DWSD

MBO Transfers to Accounts Held by GLWA

GLWA Transfers: The Treasury team completes required MBO transfers on the first business day of each month. These transfers are completed in accordance with the Great Lakes Water Authority (GLWA) and Detroit Water & Sewerage Department (DWSD) budgets as approved and adopted by the GLWA Board of Directors and DWSD Board of Water Commissioners annually.

Monthly transfers for Operations & Maintenance (O&M), Pension, and Water Residential Assistance Program (WRAP) are one-twelfth of the annual, budgeted amount. Budget stabilization should not require additional funding due to new, baseline funding levels established as part of the June 2018 Memorandum of Understanding but is included to reflect historical activity. If there are transfers to the Extraordinary Repair & Replacement (ER&R) fund they would be completed annually based on budget and year-end fund status.

As of June 30, 2023, GLWA and DWSD have meet the requirements of the Plan of Adjustment requiring contributions to the Detroit General Retirement System (GRS) pension plan through Operational and Maintenance Pension sub-accounts. GLWA and DWSD staff monitor the remaining pension obligation closely. Budgeted, annual contributions toward that remaining obligation, at this time identified as limited administrative fee contributions, are transferred to the Pension Obligation Payment fund and reflected in the reported activity found here.

Table 1 – GLWA FY 2024 Water MBO Transfers reflects the required transfers for FY 2024 completed through November 2023. MBO transfers for water totaling \$67.3 million have been transferred to GLWA accounts.

Table 2 – GLWA FY 2024 Sewer MBO Transfers reflects the required transfers for FY 2024 completed through November 2023. MBO transfers for sewer totaling \$90.7 million have been transferred to GLWA accounts.

Table 3 – GLWA MBO Transfer History reflects historical transfers for FY 2016 through FY 2024 to date.



Table 1 – GLWA FY 2024 Water MBO Transfers

	WATER						
	Operations & Maintenance	Pension Sub Account	Pension Obligation	WRAP	Budget Stabilization (For Benefit of DWSD)	Extraordinary Repair & Replacement (ER&R)	Total Water
FY 2024							
July 2023	\$ 12,742,200	\$ -	\$ 482,808	\$ 225,850	\$ -	\$ -	\$ 13,450,858
August 2023	12,742,200	-	482,808	225,841	-	-	13,450,849
September 2023	12,742,200	-	482,808	225,841	-	-	13,450,849
October 2023	12,742,200	-	482,808	225,841	-	-	13,450,849
November 2023	12,742,200	-	482,808	225,841	-	-	13,450,849
December 2023							
January 2024							
February 2024							
March 2024							
April 2024							
May 2024							
June 2024							
Total FY 2024	\$ 63,711,000	\$ -	\$ 2,414,040	\$ 1,129,214	\$ -	\$ -	\$ 67,254,254

Table 2 – GLWA FY 2024 Sewer MBO Transfers

	SEWER						
	Operations & Maintenance	Pension Sub Account	Pension Obligation	WRAP	Budget Stabilization (For Benefit of DWSD)	Extraordinary Repair & Replacement (ER&R)	Total Sewer
FY 2024							
July 2023	\$ 17,136,975	-	\$ 682,459	\$ 319,700	\$ -	\$ -	\$ 18,139,134
August 2023	17,136,975	-	682,459	319,700	-	-	18,139,134
September 2023	17,136,975	-	682,459	319,700	-	-	18,139,134
October 2023	17,136,975	-	682,459	319,700	-	-	18,139,134
November 2023	17,136,975	-	682,459	319,700	-	-	18,139,134
December 2023							
January 2024							
February 2024							
March 2024							
April 2024							
May 2024							
June 2024							
Total FY 2024	\$ 85,684,875	-	\$ 3,412,295	\$ 1,598,500	\$ -	\$ -	\$ 90,695,670

All amounts are unaudited unless otherwise noted.

Table 3 – GLWA MBO Transfer History

GLWA MBO Transfer History							
WATER							
	Operations & Maintenance	Pension Sub Account	Pension Obligation	WRAP	Budget Stabilization (For Benefit of DWSD)	Extraordinary Repair & Replacement (ER&R)	Total Water
Total FY 2016	\$ 71,052,000	\$ 6,037,100	\$ 10,297,200	\$ 1,983,300	\$ 2,326,900	\$ 606,000	\$ 92,302,500
Total FY 2017	111,879,600	6,037,200	10,297,200	2,077,200	360,000	-	130,651,200
Total FY 2018	121,562,604	6,048,000	10,695,696	2,159,400	-	-	140,465,700
Total FY 2019	121,562,604	6,048,000	10,695,696	2,061,000	-	-	140,367,300
Total FY 2020	126,840,204	6,048,000	10,695,683	1,980,804	-	-	145,564,691
Total FY 2021	134,127,300	6,048,000	10,695,700	2,324,200	-	-	153,195,200
Total FY 2022	143,933,800	6,048,000	10,695,700	2,376,600	-	-	163,054,100
Total FY 2023	156,747,700	6,048,000	10,695,700	2,611,800	-	2,200,000	178,303,200
Total FY 2024 (year to date)	63,711,000	-	2,414,040	1,129,214	-	-	67,254,254
Life to Date	\$1,051,416,812	\$ 48,362,300	\$ 87,182,615	\$ 18,703,518	\$ 2,686,900	\$ 2,806,000	\$1,211,158,145

SEWER							
	Operations & Maintenance	Pension Sub Account	Pension Obligation	WRAP	Budget Stabilization (For Benefit of DWSD)	Extraordinary Repair & Replacement (ER&R)	Total Sewer
Total FY 2016	\$ 100,865,600	\$ 10,838,400	\$ 14,025,800	\$ 2,523,400	\$ 5,591,700	\$ 779,600	\$ 134,624,500
Total FY 2017	175,858,800	10,838,400	14,026,800	2,654,400	2,654,400	-	206,032,800
Total FY 2018	191,079,396	10,824,000	14,687,496	2,760,804	-	-	219,351,696
Total FY 2019	191,079,396	10,824,000	14,687,496	2,870,992	-	-	219,461,884
Total FY 2020	181,925,800	10,824,000	14,687,517	2,887,300	-	-	210,324,617
Total FY 2021	182,296,000	10,824,000	14,687,500	3,764,300	-	-	211,571,800
Total FY 2022	191,908,600	10,824,000	14,687,400	3,868,700	-	-	221,288,700
Total FY 2023	204,122,500	10,824,000	14,687,400	3,673,800	-	-	233,307,700
Total FY 2024 (year to date)	85,684,875	-	3,412,295	1,598,500	-	-	90,695,670
Life to Date	\$1,504,820,967	\$ 86,620,800	\$ 119,589,704	\$ 26,602,196	\$ 8,246,100	\$ 779,600	\$1,746,659,367

All amounts are unaudited unless otherwise noted.

GLWA Audit Committee February 26, 2024

MBO Required and Lease Payment Transfers to DWSD

DWSD Transfers: The GLWA Treasury team completes the required MBO transfers on the first business day of each month. These transfers are completed in accordance with the GLWA and DWSD budgets as approved and adopted by the GLWA Board of Directors and DWSD Board of Water Commissioners annually. Transfers are coordinated with other areas of GLWA Financial Services in advance of the first business day of each month. GLWA Treasury sends confirmation of transfers made to DWSD Treasury.

Monthly transfers for O&M are one-twelfth of the annual, budgeted amount. The annual lease payment, as stated in the Water & Sewer Lease Agreements, is \$22,500,000 for Water and \$27,500,000 for Sewer. The monthly lease transfer is one-twelfth of the amount as stated in the Lease agreements unless otherwise designated by DWSD. Per Section 3.5 of the Lease, the Lease payment may be used for (a) bond principal and interest for Local System Improvements, (b) bond principal and interest for the City's share of common-to-all System Improvements, and (c) Local System improvements.

As of June 30, 2023, GLWA and DWSD have meet the requirements of the Plan of Adjustment requiring contributions to the Detroit General Retirement System (GRS) pension plan through Operational and Maintenance Pension sub-accounts. GLWA and DWSD staff monitor the remaining pension obligation closely. Budgeted, annual contributions toward that remaining obligation, at this time identified as limited administrative fee contributions, are transferred to the Pension Obligation Payment fund and reflected in the reported activity found here.

Table 4 – DWSD FY 2024 Water MBO Transfers reflects the required transfers for FY 2024 completed through November 2023. MBO transfers for Water totaling \$28.0 million have been transferred to accounts held by DWSD.

Table 5 – DWSD FY 2024 Sewer MBO Transfers reflects the required transfers for FY 2024 completed through November 2023. MBO transfers for Sewer totaling \$34.7 million have been transferred to accounts held by DWSD.

Table 6 – DWSD Water MBO and Lease Payment Transfer History reflects historical transfers for FY 2016 through FY 2024 to date.

Table 7 – DWSD Sewer MBO and Lease Payment Transfer History reflects historical transfers for FY 2016 through FY 2024 to date.

Table 4 – DWSD FY 2024 Water MBO Transfers

WATER				
	<u>Operations & Maintenance</u>	<u>Pension</u>	<u>Lease Payment (I&E Fund)</u>	<u>Total Water</u>
FY 2024				
July 2023	\$ 3,731,400	-	\$ 1,875,000	\$ 5,606,400
August 2023	3,731,400	-	1,875,000	5,606,400
September 2023	3,731,400	-	1,875,000	5,606,400
October 2023	3,731,400	-	1,875,000	5,606,400
November 2023	3,731,400	-	1,875,000	5,606,400
December 2023				
January 2024				
February 2024				
March 2024				
April 2024				
May 2024				
June 2024				
Total FY 2024	\$ 18,657,000	-	\$ 9,375,000	\$ 28,032,000

Table 5 – DWSD FY 2024 Sewer MBO Transfers

SEWER				
	<u>Operations & Maintenance</u>	<u>Pension</u>	<u>Lease Payment (I&E Fund)</u>	<u>Total Sewer</u>
FY 2024				
July 2023	\$ 4,642,142	-	\$ 2,291,667	\$ 6,933,809
August 2023	4,642,142	-	2,291,667	6,933,809
September 2023	4,642,142	-	2,291,667	6,933,809
October 2023	4,642,142	-	2,291,667	6,933,809
November 2023	4,642,142	-	2,291,667	6,933,809
December 2023				
January 2024				
February 2024				
March 2024				
April 2024				
May 2024				
June 2024				
Total FY 2024	\$ 23,210,710	-	\$ 11,458,335	\$ 34,669,045

Table 6 – DWSD Water MBO and Lease Payment Transfer History

Transfers to DWSD				
WATER				
	Operations & Maintenance	Operations & Maintenance Pension	Lease Payment (I&E Fund)	Total Water
FY 2016 *				
MBO/Lease Requirement	\$ 26,185,600	\$ 4,262,700	\$ 22,500,000	\$ 52,948,300
Offset to Debt Service	-	-	(2,326,900)	(2,326,900)
Net MBO Transfer	26,185,600	4,262,700	20,173,100	50,621,400
FY 2017				
MBO/Lease Requirement	33,596,400	4,262,400	22,500,000	60,358,800
Offset to Debt Service	-	-	-	-
Net MBO Transfer	33,596,400	4,262,400	22,500,000	60,358,800
FY 2018				
MBO/Lease Requirement	35,059,704	4,272,000	22,500,000	61,831,704
Offset to Debt Service	-	-	(1,875,000)	(1,875,000)
Net MBO Transfer	35,059,704	4,272,000	20,625,000	59,956,704
FY 2019				
MBO/Lease Requirement	35,484,300	4,272,000	22,500,000	62,256,300
Offset to Debt Service	-	-	(3,972,200)	(3,972,200)
Net MBO Transfer	35,484,300	4,272,000	18,527,800	58,284,100
FY 2020				
MBO/Lease Requirement	34,662,400	4,272,000	22,500,000	61,434,400
Offset to Debt Service	-	-	(3,548,000)	(3,548,000)
Net MBO Transfer	34,662,400	4,272,000	18,952,000	57,886,400
FY 2021				
MBO/Lease Requirement	35,833,900	4,272,000	22,500,000	62,605,900
Offset to Debt Service	-	-	(8,278,300)	(8,278,300)
Net MBO Transfer	35,833,900	4,272,000	14,221,700	54,327,600
FY 2022				
MBO/Lease Requirement	29,989,000	4,272,000	22,500,000	56,761,000
Offset to Debt Service	-	-	(8,925,400)	(8,925,400)
Net MBO Transfer	29,989,000	4,272,000	13,574,600	47,835,600
FY 2023				
MBO/Lease Requirement	42,581,600	4,272,000	22,500,000	69,353,600
Offset to Debt Service	-	-	(2,922,100)	(2,922,100)
Net MBO Transfer	42,581,600	4,272,000	19,577,900	66,431,500
FY 2024 (year to date)				
MBO/Lease Requirement	18,657,000	-	9,375,000	28,032,000
Offset to Debt Service	-	-	-	-
Net MBO Transfer	18,657,000	-	9,375,000	28,032,000
Life-to-Date				
MBO/Lease Requirement	292,049,904	34,157,100	189,375,000	515,582,004
Offsets	-	-	(31,847,900)	(31,847,900)
Total Water	292,049,904	34,157,100	157,527,100	483,734,104

All amounts are unaudited unless otherwise noted.

GLWA Audit Committee February 26, 2024

Table 7 – DWSD Sewer MBO and Lease Payment Transfer History

	SEWER			
	Operations & Maintenance	Operations & Maintenance Pension	Lease Payment (I&E Fund)	Total Sewer
FY 2016 *				
MBO/Lease Requirement	\$ 19,774,300	\$ 2,861,800	\$ 27,500,000	\$ 50,136,100
Offset to Debt Service	-	-	(19,991,500)	(19,991,500)
Total MBO Transfer	19,774,300	2,861,800	7,508,500	30,144,600
FY 2017				
MBO/Lease Requirement	41,535,600	2,862,000	27,500,000	71,897,600
Offset to Debt Service	-	-	-	-
Total MBO Transfer	41,535,600	2,862,000	27,500,000	71,897,600
FY 2018				
MBO/Lease Requirement	60,517,992	2,856,000	27,500,000	90,873,992
Offset to Debt Service	-	-	(9,166,664)	(9,166,664)
Total MBO Transfer	60,517,992	2,856,000	18,333,336	81,707,328
FY 2019				
MBO/Lease Requirement	56,767,920	2,856,000	27,500,000	87,123,920
Offset to Debt Service	-	-	(4,415,000)	(4,415,000)
Total MBO Transfer	56,767,920	2,856,000	23,085,000	82,708,920
FY 2020				
MBO/Lease Requirement	62,343,500	2,856,000	27,500,000	92,699,500
Offset to address shortfall	(7,100,000)	-	-	(7,100,000)
Offset to Debt Service	-	-	(5,032,700)	(5,032,700)
Total MBO Transfer	55,243,500	2,856,000	22,467,300	80,566,800
FY 2021				
MBO/Lease Requirement	69,915,700	2,856,000	27,500,000	100,271,700
Offset to Debt Service	-	-	(3,257,200)	(3,257,200)
Total MBO Transfer	69,915,700	2,856,000	24,242,800	97,014,500
FY 2022				
MBO/Lease Requirement	61,301,000	2,856,000	27,500,000	90,735,453
Offset to Debt Service	-	-	(5,529,297)	(4,607,750)
Total MBO Transfer	61,301,000	2,856,000	21,970,703	86,127,703
FY 2023				
MBO/Lease Requirement	51,396,400	2,856,000	27,500,000	81,752,400
Offset to Debt Service	-	-	(4,388,300)	(4,388,300)
Total MBO Transfer	51,396,400	2,856,000	23,111,700	77,364,100
FY 2024 (year to date)				
MBO/Lease Requirement	23,210,710	-	11,458,335	34,669,045
Offset to Debt Service	-	-	-	-
Total MBO Transfer	23,210,710	-	11,458,335	34,669,045
Life-to-Date				
MBO/Lease Requirement	446,763,122	22,859,800	231,458,335	700,159,710
Offsets	(7,100,000)	-	(51,780,661)	(57,959,114)
Total Sewer	439,663,122	22,859,800	179,677,674	642,200,596

* Note: FY 2016 lease transfer amounts shown do not include prepayment on the lease amount for the 6 months period before bifurcation.



This report includes the following:

1. Monthly Cash Balances Compared to Investment Income
2. Cash Balance Detail

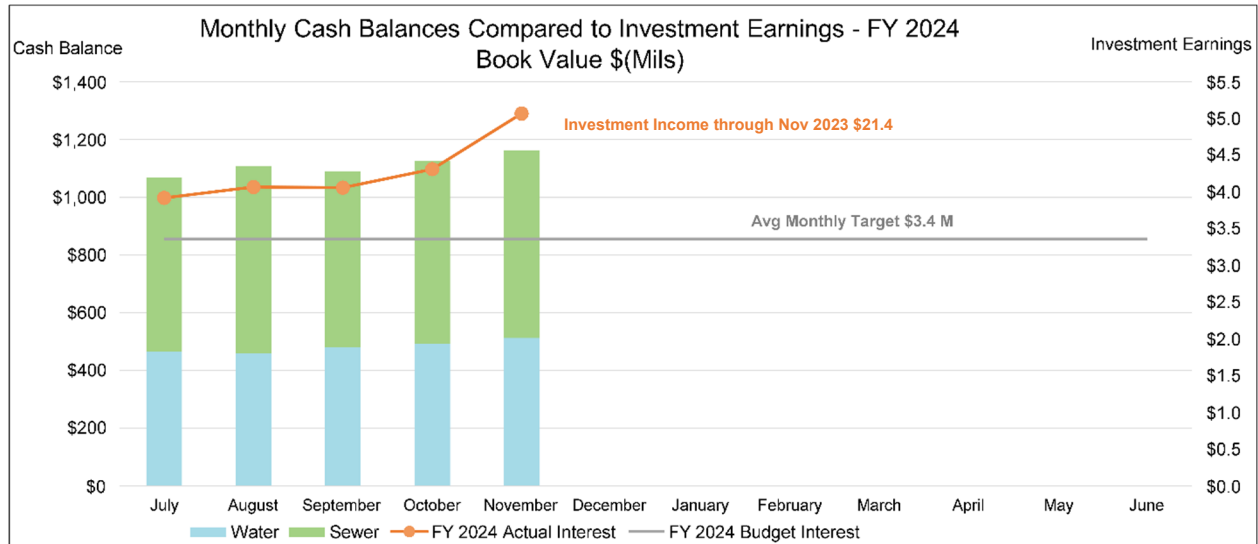
Monthly Cash Balances Compared to Investment Income

GLWA’s investment holdings comply with the requirements of Public Act 20 of 1948, as amended and the GLWA Investment Policy. The cash balances shown in this report include bank deposits, money market funds, a local government investment pool, U.S. Treasuries, Federal Agencies, and commercial paper.

Cash and investment balances change each month based on Master Bond Ordinance (MBO) funding requirements, operational needs, capital spending pace, and mandatory debt payments. Investment income fluctuates monthly based on cash and investment balances as well as market conditions and investment strategy. For the month of November 2023, GLWA earned investment income of \$5.1 million and cumulative FY 2024 earnings through November 2023 of \$21.4 million. Total investment income reported includes earnings from revenue requirement funds as well as construction bond funds.

GLWA continues to refine cash flows and work with its investment advisor to identify strategies to maximize future investment income while meeting the objectives of safety and liquidity.

Chart 1 – Monthly Cash Balances Compared to Investment Income – Through November 2023



\$(Mils)	July	August	September	October	November	December	January	February	March	April	May	June
Water	\$466	459	481	492	513	-	-	-	-	-	-	-
Sewer	\$602	649	609	635	650	-	-	-	-	-	-	-
Total	\$1,068	1,107	1,090	1,127	1,162	-	-	-	-	-	-	-
Investment Income	\$3.9	\$4.1	\$4.1	\$4.3	\$5.1	-	-	-	-	-	-	-

Cash Balance Detail

Funds Held By GLWA: GLWA cash balances are held in accounts as defined by the Master Bond Ordinance. The accounts are funded by monthly transfers, as stipulated in the MBO, on the first business day of each month. The “operations and maintenance” (O&M) fund transfer amounts are based upon the annual O&M budget approved by the GLWA Board of Directors for the regional systems and by the Board of Water Commissioners for the Detroit Water & Sewerage Department (DWSD) local system budgets. The water and sewer funds held by GLWA and their purpose, as defined by the MBO, are listed below.

Funds Held Within Trust:

- Receiving – all retail and wholesale revenues collected which are distributed in subsequent month(s)
- Debt Service – funds set aside for debt service and debt reserve requirements
- Pension Obligation – funds set aside to meet GLWA’s annual funding requirements for the legacy General Retirement System Pension Plan
- Water Residential Assistance Program (WRAP) – funds set aside to be used to provide financial assistance to qualified residents throughout the local and regional water system as directed by program guidelines
- Budget Stabilization – funds held by GLWA on behalf of DWSD that can be applied against shortfalls in retail revenues
- Emergency Repair & Replacement (ER&R) – funds set aside to pay the costs for major unanticipated repairs and replacements of the local and regional systems
- Improvement & Extension (I&E) – funds set aside to be used for the improvements, enlargements, and extensions of the regional system

Funds Held Outside Trust:

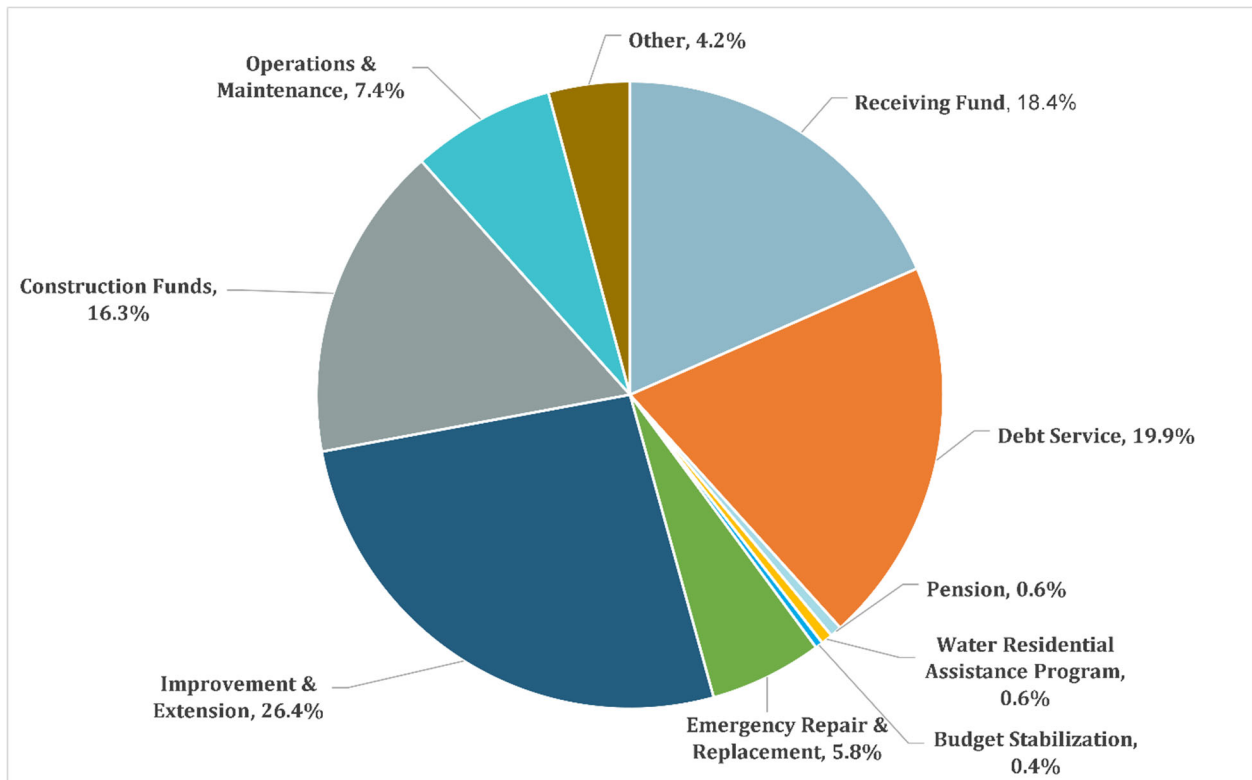
- Bond Proceeds – funds raised from debt issuance used for costs of repairs, construction, and improvements of the regional system
- Operations & Maintenance (O&M) – funds used to meet the operational and maintenance requirements of the regional system
- Other – retainage funds held on behalf of contractors, security deposit funds held on behalf of the City of Flint, and capital contribution funds provided by the Evergreen Farmington Sewer District recognized as related project work is completed

A [chart](#) depicting the follow of funds is online at glwater.org as well as the [MBO](#) documents.

Chart 2 – Cash Balances - Water Funds as of November 2023 - Shows the allocation of the balance among the different categories defined in the section above. The total cash balance for Water Funds as of November 30, 2023 is \$513 million. The allocation of balances among the I&E, bond proceeds, and debt service reserve funds reflects GLWA’s commitment to funding capital improvements and meeting debt reserve requirements while simultaneously increasing I&E resources to fund pay-as-you-go capital funding to reduce long-term debt in the future.

GLWA completed a bond transaction of \$148.5 million in December 2023 to support water system improvements. These funds along with I&E and SRF low-interest loans are funding the capital program.

Chart 2 – Cash Balances - Water Funds as of November 2023

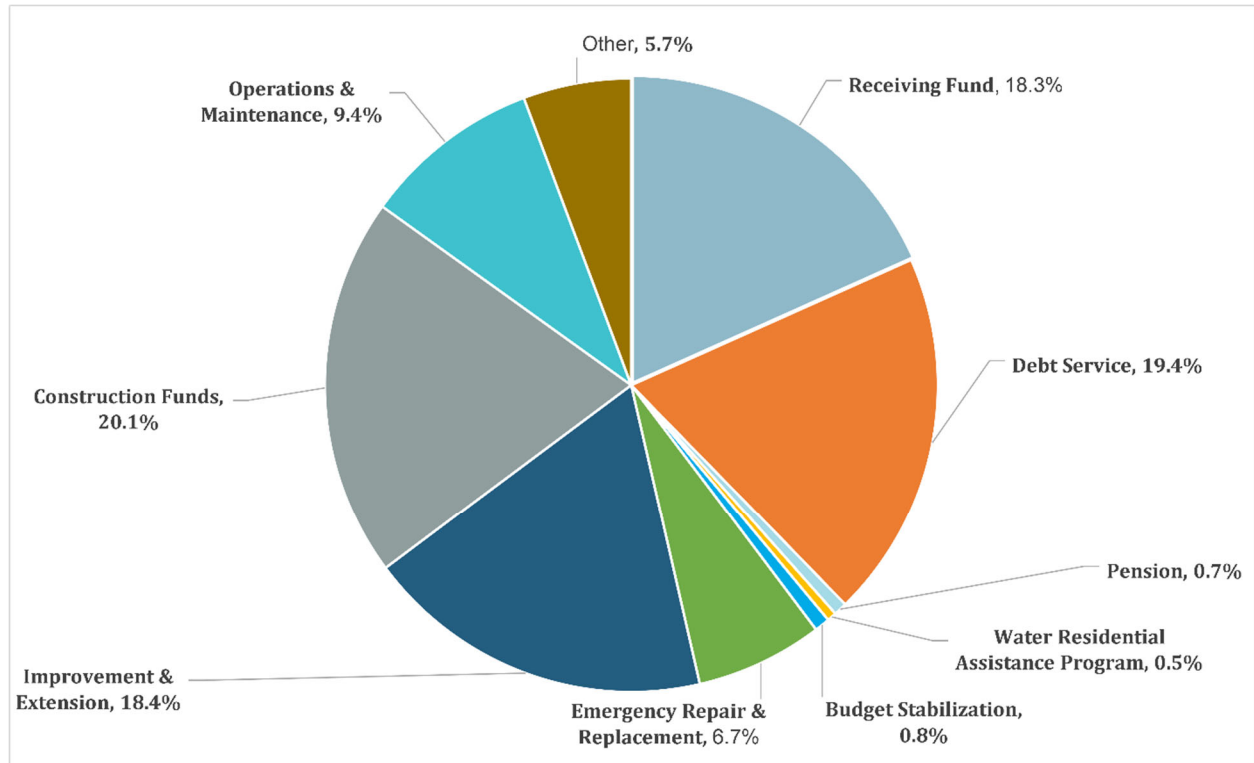


Note: Due to rounding totals may not equal 100%.

Chart 3 – Cash Balances - Sewer Funds as of November 2023 - Shows the allocation of the balance among the different funds defined in the section above. The total cash balance for Sewer Funds as of November 30, 2023 is \$650 million. Like the Water Funds, the allocation of balances among the I&E, bond proceeds, and debt service reserve funds reflects GLWA’s commitment to funding capital improvements and meeting debt reserve requirements while simultaneously increasing I&E resources to fund pay-as-you-go capital funding to reduce long-term debt in the future.

In conjunction with the Water Fund transaction, GLWA completed a bond transaction of \$96.8 million in December 2023 to support sewage disposal system improvements. These funds along with I&E and SRF low-interest loans are currently funding the capital program.

Chart 3 – Cash Balances - Sewer Funds as of November 2023



Note: Due to rounding totals may not equal 100%



Retail Revenues, Receivables, and Collections: Pursuant to the terms of the lease agreement between the City of Detroit and the Great Lakes Water Authority (GLWA), the Detroit Water & Sewerage Department (DWSD) serves as GLWA's agent for billing activities for the City of Detroit retail customer class. All water and sewer service collections from DWSD customers are deposited in a trust account and are administered in accordance with the GLWA Master Bond Ordinance.

The Monthly Retail Revenues, Receivables, & Collections Report includes the following.

1. DWSD Retail Water Revenue Billings and Collections
2. DWSD Retail Sewer Revenue Billings and Collections
3. DWSD Retail Water & Sewer System Accounts Receivable Aging Report

Note: Wholesale customer revenues are billed by the Great Lakes Water Authority.

DWSD Retail Water Billings and Collections

Retail Billing Basis: DWSD bills retail customers monthly. Customers are billed throughout the month in cycles based on a meter reading schedule beginning with residential accounts and ending with commercial and industrial customers.

Table 1 - DWSD Retail Billings shows the FY 2024 water usage and billed revenue which are provided by DWSD staff. As of November 30, 2023, the DWSD usage was at 100.77% of the budget and billed revenue was at 101.51% of budget.

DWSD Retail Water Collections: The collections represent payments made by DWSD retail customers. These receipts are deposited directly into a lockbox with a trustee for administration of the flow of funds defined by GLWA's Master Bond Ordinance.

Table 2 - Retail Water Collections shows collections by month for the past 12 months compared to collections for the prior year as well as the calculated difference between the periods.

Table 1 – DWSD Retail Water Billing

RETAIL WATER CUSTOMERS								
Month (1)	FY 2024 - Original Budget		FY 2024 - Actual		FY 2024 - Variance		FY 2023 - Actuals	
	Volume	Revenue	Volume	Revenue (2)	Volume	Revenue	Volume	Revenue
	Mcf	\$	Mcf	\$	Mcf	\$	Mcf	\$
July	239,000	12,068,200	248,307	12,606,397	9,307	538,197	244,749	9,490,589
August	237,000	11,985,000	255,079	12,913,868	18,079	928,868	277,313	13,301,941
September	246,000	12,236,000	214,796	11,119,261	(31,204)	(1,116,739)	234,806	11,591,601
October	216,000	11,118,000	222,908	11,409,427	6,908	291,427	239,062	11,730,809
November	205,000	10,664,000	210,687	10,898,684	5,687	234,684	212,663	10,706,519
December	196,000	10,293,000					222,502	11,073,513
January	197,000	10,334,000					227,748	11,257,742
February	208,000	10,788,000					208,568	10,569,468
March	191,000	10,086,000					229,264	11,383,630
April	214,000	11,036,000					198,665	10,121,640
May	186,000	10,000,000					241,525	11,820,301
June	225,000	11,489,000					257,749	12,567,250
Total	2,560,000	132,097,200	1,151,777	58,947,637	8,777	876,437	2,794,614	135,615,003
Subtotals ytd	1,143,000	58,071,200	1,151,777	58,947,637	8,777	876,437		
Achievement of Budget			100.77%	101.51%				

(1) Figures are stated as "Service Months"; that is, July figures represent bills issued in August, etc.

(2) Retail Revenues include Miscellaneous Revenues and Penalties

Table 2 – DWSD Retail Water Collections

Water				
Month	Current Year	Prior Year	Variance	Ratio
December	11,630,994	8,121,586	3,509,408	43.21%
January	8,857,268	6,919,040	1,938,228	28.01%
February	8,244,713	10,156,126	(1,911,413)	-18.82%
March	10,417,832	11,093,125	(675,293)	-6.09%
April	9,417,449	7,431,900	1,985,549	26.72%
May	12,162,719	7,660,852	4,501,867	58.76%
June	13,467,858	9,123,179	4,344,679	47.62%
July	5,943,286	8,518,373	(2,575,087)	-30.23%
August	11,794,131	9,636,219	2,157,912	22.39%
September	9,790,065	5,082,383	4,707,682	92.63%
October	9,884,937	13,082,745	(3,197,808)	-24.44%
November	10,499,606	10,270,582	229,024	2.23%
Rolling, 12-Month Total	122,110,858	107,096,110		
Rolling, 12-Month Average	10,175,905	8,924,676		

All amounts are unaudited unless otherwise noted.

GLWA Audit Committee February 26, 2024

DWSD Retail Sewer Billings and Collections

Retail billing basis: DWSD bills retail customers monthly. Customers are billed throughout the month in cycles based on a meter reading schedule beginning with residential accounts and ending with commercial and industrial customers.

Table 3 - DWSD Retail Sewer Billings shows the FY 2024 sewer billed revenue which are provided by DWSD staff. As of November 30, 2023, the DWSD usage was at 100.16% of the budget and billed revenue was at 98.11% of budget.

DWSD Retail Sewer Collections: The collections represent payments made by DWSD retail customers. These receipts are deposited directly into a lockbox with a trustee for administration of the flow of funds defined by GLWA’s Master Bond Ordinance.

Table 4 – DWSD Retail Sewer Collections shows collections by month for the past 12 months compared to collections for the prior year as well as the calculated difference between the periods.

Table 3 - DWSD Retail Sewer Billings

RETAIL SEWER CUSTOMERS								
Month (1)	FY 2024 - Original Budget		FY 2024 - Actual		FY 2024 - Variance		FY 2023 - Actuals	
	Volume	Revenue	Volume (2)	Revenue (3)	Volume	Revenue	Volume	Revenue
	Mcf	\$	Mcf	\$	Mcf	\$	Mcf	\$
July	200,000	29,187,700	207,574	29,192,723	7,574	5,023	223,661	29,297,748
August	199,000	29,128,000	211,503	29,278,602	12,503	150,602	231,809	29,640,202
September	203,000	29,340,000	178,576	27,476,376	(24,424)	(1,863,624)	197,455	27,523,933
October	182,000	28,119,000	184,383	27,700,095	2,383	(418,905)	194,154	27,375,180
November	172,000	27,526,000	175,497	26,939,337	3,497	(586,663)	172,579	26,525,064
December	165,000	27,111,000					174,896	26,676,360
January	166,000	27,170,000					175,562	26,403,544
February	175,000	27,704,000					160,804	25,814,735
March	161,000	26,873,000					181,217	26,720,229
April	179,000	27,941,000					167,727	26,120,878
May	160,000	26,839,000					195,191	27,508,373
June	188,000	28,475,000					206,163	28,018,277
Total	2,150,000	335,413,700	957,533	140,587,133	1,533	(2,713,567)	2,281,218	327,624,524
Subtotals ytd	956,000	143,300,700	957,533	140,587,133	1,533	(2,713,567)		
Achievement of Budget/Goal			100.16%	98.11%				

(1) Figures are stated as "Service Months"; that is, July figures represent bills issued in August, etc.

(2) Reflects billed volume based on actual usage except for residential customers where the billed volume differs from actual usage due to residential sewer volume caps implemented in FY 2023.

(3) Retail Revenues include Miscellaneous Revenues and Penalties

Table 4 – DWSD Retail Sewer Collections

Sewer				
Month	Current Year	Prior Year	Variance	Ratio
December	23,756,153	24,880,743	(1,124,590)	-4.52%
January	23,760,629	23,020,491	740,138	3.22%
February	23,867,073	24,495,922	(628,849)	-2.57%
March	30,697,464	29,410,086	1,287,378	4.38%
April	21,542,671	22,115,076	(572,405)	-2.59%
May	24,419,561	20,952,592	3,466,969	16.55%
June	23,769,626	25,922,279	(2,152,653)	-8.30%
July	32,379,222	30,935,343	1,443,879	4.67%
August	25,391,891	26,064,896	(673,005)	-2.58%
September	23,489,448	15,261,467	8,227,981	53.91%
October	21,610,149	28,182,933	(6,572,784)	-23.32%
November	25,951,736	21,994,899	3,956,838	17.99%
Rolling 12-Month Total	300,635,625	293,236,727		
Rolling, 12-Month Average	25,052,969	24,436,394		

DWSD Retail Water and Sewer Accounts Receivable Aging Report

The DWSD detailed accounts receivable aging is categorized by customer category.

Table 5 is a summary of the monthly sales, total receivables, bad debt allowance and net water and sewer receivables as of November 30, 2023 with comparative totals from June 30, 2023, June 30, 2022, and June 30, 2021. This table does not include past due accounts that have been transferred to the City of Detroit for collection as tax liens.

The table provides a comparison of days in accounts receivable calculated as net receivables divided by daily sales and confirms that over time days in AR is held in check overall due to a consistent practice of adjusting the allowance for doubtful accounts monthly. To the extent this allowance is adjusted, and bad debt expense is recognized in the DWSD budget, it does not impact GLWA.

Table 6 is a summary of the total, current and non-current water and sewer receivables by category as of November 30, 2023 with comparative totals from November 30, 2022. This table does not include past due accounts that have been transferred to the City of Detroit for collection as tax liens.

The total balance and total bad debt allowance as of November 30, 2023 are reflective of the values in both the Table 5 summary and Table 6 breakdown.

Table 5 – DWSD Retail Accounts Receivable Aging Report – Summary

Summary						
Period Ending	Monthly Sales	Receivables			Days in AR (1)	
		Total	Allowance	Net		
June 30, 2021	\$ 36,335,000	\$ 248,055,000	\$ (200,146,000)	\$ 47,909,000	40	
June 30, 2022	\$ 39,022,000	\$ 300,346,000	\$ (253,924,000)	\$ 46,422,000	36	
June 30, 2023	\$ 39,443,000	\$ 327,023,000	\$ (272,012,000)	\$ 55,011,000	42	
November 30, 2023 (2)	\$ 39,168,000	\$ 292,105,000	\$ (233,051,000)	\$ 59,055,000	45	

Totals may be off due to rounding

(1) Days in AR is calculated as net receivables divided by daily sales (monthly sales/30 days).

(2) The annual AR Tax Roll Transfer totaling \$22,892,000 was made in October 2023.

Table 6 – DWSD Retail Accounts Receivable Aging Report – Water & Sewer Combined

Sales Class	# of Accounts	Avg. Balance	Current	> 30 Days	> 60 Days	> 180 Days	A/R Balance
Residential	216,797	\$ 840.36	\$ 16,245,000 8.9%	\$ 11,408,000 6.3%	\$ 32,638,000 17.9%	\$ 121,896,000 66.9%	\$ 182,188,000 100.0%
Commercial	21,376	1,110.80	7,159,000 30.2%	2,139,000 9.0%	6,479,000 27.3%	7,967,000 33.6%	23,745,000 100.0%
Industrial	3,675	3,337.89	5,155,000 42.0%	840,000 6.9%	2,452,000 20.0%	3,820,000 31.1%	12,267,000 100.0%
Tax Exempt	3,791	589.69	519,000 23.2%	203,000 9.1%	519,000 23.2%	995,000 44.5%	2,236,000 100.0%
Government	47,740	422.02	4,015,000 19.9%	1,775,000 8.8%	3,124,000 15.5%	11,233,000 55.8%	20,147,000 100.0%
Drainage	45,146	536.88	2,355,000 9.7%	1,370,000 5.7%	4,294,000 17.7%	16,219,000 66.9%	24,238,000 100.0%
Subtotal - Active Accounts	338,525	\$ 782.27	\$ 35,448,000 13.4%	\$ 17,736,000 6.7%	\$ 49,506,000 18.7%	\$ 162,130,000 61.2%	\$ 264,820,000 100.0%
Inactive Accounts	344,950	79.10	133,000 0.5%	211,000 0.8%	882,000 3.2%	26,060,000 95.5%	27,286,000 100.0%
Total	683,475	\$ 427.38	\$ 35,581,000 12.2%	\$ 17,947,000 6.1%	\$ 50,387,000 17.2%	\$ 188,190,000 64.4%	\$ 292,105,000 100.0%
<i>% of Total A/R</i>							
Water Fund	240,864	246.29	\$ 9,682,000	\$ 4,884,000	\$ 11,789,000	\$ 32,968,000	\$ 59,322,000
Sewer Fund	274,221	848.89	\$ 25,899,000	\$ 13,063,000	\$ 38,599,000	\$ 155,222,000	\$ 232,783,000
Total November 30, 2023 (a)	683,475	\$ 427.38	\$ 35,581,000	\$ 17,947,000	\$ 50,387,000	\$ 188,190,000	\$ 292,105,000
Water Fund- Allowance							\$ (43,957,000)
Sewer Fund- Allowance							\$ (189,094,000)
Total Bad Debt Allowance							\$ (233,051,000)
Comparative - November 2022 (b)	657,842	\$ 472.86	\$ 35,389,000	\$ 18,553,000	\$ 47,703,000	\$ 209,420,000	\$ 311,066,000
Difference (a) - (b)	25,633	\$	\$ 193,000	\$ (607,000)	\$ 2,684,000	\$ (21,230,000)	\$ (18,960,000)

All amounts are unaudited unless otherwise noted.

GLWA Audit Committee February 26, 2024



The Monthly Wholesale Billings, Receivables, & Collections Report includes the following.

1. Wholesale Water Billings and Collections
2. Wholesale Sewer Billings and Collections
3. City of Highland Park Billings and Collections
4. Wholesale Water & Sewer Accounts Receivable Aging Report

Wholesale Water Billings and Collections

Wholesale Water Contracts: Great Lakes Water Authority (GLWA) provides wholesale water service to 87 member-partners through a variety of service arrangements.

Service Arrangement Type

Model Contract	84
Emergency	1
Older Contracts	<u>2</u>
Total	<u>87</u>

Note: Services are provided to the Detroit Water & Sewerage Department (DWSD) via a Water and Sewer Services Agreement (WSSA). See the “Retail Revenues, Receivables, and Collections Report” section of this monthly report.

Wholesale Water Billing Basis: Beginning with FY 2016, wholesale water charges were restructured to create a more stable revenue stream by using a historical rolling average to project customer volumes which accounts for 40% of the monthly charges and 60% of the annual customer revenue requirement as a monthly fixed charge.

Table 1 - Wholesale Water Billings shows the FY 2024 water billed usage and revenues. As of November 30, 2023, the billed usage was at 92.86% of the original plan and billed revenue at 96.93% of the original plan. Billings and usage from the City of Flint are included as they were assumed in the FY 2024 Budget.

Wholesale Water Collections: The collections represent payments made by wholesale customers. These receipts are deposited directly into a lockbox with a trustee for administration of the flow of funds defined by GLWA’s Master Bond Ordinance.

Table 2 - Wholesale Water Collections shows collections by month for the past 12 months compared to collections for the prior year as well as the calculated difference between the periods. Current year collections are trending above the prior year for the twelve-month period ending November 30, 2023.



Table 1 – FY 2024 Wholesale Water Billings Report

WHOLESALE WATER CHARGES								
Month (1)	FY 2024 Charges (2)		FY 2024 Actual		FY 2024 Variance		FY 2023 Actuals	
	Volume <i>Mcf</i>	Revenue \$	Volume <i>Mcf</i>	Revenue (4) \$	Volume <i>Mcf</i>	Revenue \$	Volume <i>Mcf</i>	Revenue \$
July	1,607,433	34,283,300	1,396,012	31,956,320	(211,421)	(2,326,980)	1,664,936	34,349,872
August	1,469,739	32,797,900	1,295,617	30,947,078	(174,122)	(1,850,822)	1,418,347	31,555,444
September	1,284,305	30,543,500	1,212,814	29,862,077	(71,491)	(681,423)	1,308,481	30,306,713
October	1,037,450	27,748,500	1,043,901	27,856,141	6,451	107,641	1,055,245	27,391,089
November	898,776	26,395,000	899,934	26,481,380	1,158	86,380	906,669	25,911,801
December	966,122	26,990,700	-	-	-	-	990,177	26,652,607
January	963,772	27,002,600	-	-	-	-	979,573	26,536,118
February	874,396	26,142,700	-	-	-	-	869,843	25,535,320
March	960,207	26,930,300	-	-	-	-	961,541	26,356,490
April	917,893	26,581,600	-	-	-	-	917,599	25,997,955
May	1,136,342	29,098,000	-	-	-	-	1,169,448	28,895,975
June	1,460,066	32,678,300	-	-	-	-	1,570,958	33,407,419
Total	13,576,500	347,192,400	5,848,278	147,102,996	(449,425)	(4,665,204)	13,812,817	342,896,802
<i>Subtotals ytd</i>	<i>6,297,703</i>	<i>151,768,200</i>	<i>5,848,278</i>	<i>147,102,996</i>	<i>(449,425)</i>	<i>(4,665,204)</i>		
<i>Achievement of Original Plan</i>			<i>92.86%</i>	<i>96.93%</i>				
<i>Billing Adjustments (5)</i>			<i>8,009</i>	<i>109,342</i>				
			<i>5,856,287</i>	<i>147,212,338</i>				
			<i>100.27%</i>	<i>99.62%</i>				

(1) Figures are stated as "Service Months"; that is, July figures represent bills issued in August, etc.

(2) Charges are based on the approved FY 2024 water supply system charge schedule.

(3) Reflects approved budget amendments related to commodity usage

(4) Water Revenues differ from Table 1A because amounts are reduced by the monthly payment to the City of Flint for a license to raw water rights under the Flint Raw Water Contract in Table 1A

(5) Reflects prior period adjustments made in the current year for Madison Heights.

Table 2 - Wholesale Water Collections

Water				
Month	Current Year	Prior Year	Variance	Ratio
December	34,298,469	25,302,369	(25,302,369)	-100.00%
January	19,182,054	31,280,599	(12,098,545)	-38.68%
February	26,553,529	24,919,847	1,633,682	6.56%
March	26,074,213	22,123,572	3,950,641	17.86%
April	20,940,451	21,726,941	(786,490)	-3.62%
May	29,265,308	27,717,969	1,547,339	5.58%
June	29,370,704	26,379,503	2,991,201	11.34%
July	22,645,008	14,435,092	8,209,916	56.87%
August	36,275,672	41,154,992	(4,879,320)	-11.86%
September	29,955,755	21,887,632	8,068,123	36.86%
October	26,617,271	38,029,648	(11,412,377)	-30.01%
November	35,490,010	30,903,329	4,586,681	14.84%
Rolling 12-Month Total	336,668,445	325,861,492		
Rolling, 12-Month Average	28,055,704	27,155,124		

Wholesale Sewer Billings and Collections

Wholesale Sewer Contracts: GLWA provides wholesale sewer service to 18 member-partners via multiple service arrangements.

Service Arrangement Type	
Model Contract	12
Emergency	0
Older Contracts	6
Total	18

Note: *Services are provided to the Detroit Water & Sewerage Department via a Water and Sewer Services Agreement (WSSA). See the “Retail Revenues, Receivables, and Collections Report” section of the monthly report.*

Wholesale Sewer Billing Basis: Beginning in FY 2015, the “sewer rate simplification” initiative was applied which provides for a stable revenue stream and predictability for our member partners. Wholesale sewer customers are billed a fixed monthly fee based upon the annual revenue requirement.

Table 3 - Wholesale Sewer Billings shows the FY 2024 sewer billed revenue. As of November 30, 2023 the billed revenue is at 100.00% of the original plan.

Wholesale Sewer Collections: The collections represent payments made by wholesale customers. These receipts are deposited directly into a lockbox with a trustee for administration of the flow of funds defined by GLWA’s Master Bond Ordinance.

Table 4 - Wholesale Sewer Collections shows collections by month for the past 12 months compared to collections for the prior year as well as the calculated difference between the periods.

The shift in wholesale sewer collection patterns is largely attributable to the timing of payments received. There are several large accounts whose payments swing between the end of the current month and the beginning of the next month. Current year collections are trending slightly above the twelve-month period ending November 30, 2023.

Table 3 – FY 2024 Wholesale Sewer Billings Report

WHOLESALE SEWER CHARGES								
Month (1)	FY 2024 Charges		FY 2024 - Actual		FY 2024 - Variance		FY 2023 - Actuals	
	Volume (2)	Revenue	Volume (2)	Revenue	Volume (2)	Revenue	Volume	Revenue
	Mcf	\$	Mcf	\$	Mcf	\$	Mcf	\$
July	N/A	23,494,800	N/A	23,494,800	N/A	-	N/A	22,888,100
August	N/A	23,494,800	N/A	23,494,800	N/A	-	N/A	22,888,100
September	N/A	23,494,800	N/A	23,494,800	N/A	-	N/A	22,888,100
October	N/A	23,494,800	N/A	23,494,800	N/A	-	N/A	22,888,100
November	N/A	23,494,800	N/A	23,494,800	N/A	-	N/A	22,888,100
December	N/A	23,494,800	N/A	0	N/A	0	N/A	22,888,100
January	N/A	23,494,800	N/A	0	N/A	0	N/A	22,888,100
February	N/A	23,494,800	N/A	0	N/A	0	N/A	22,888,100
March	N/A	23,494,800	N/A	0	N/A	0	N/A	22,888,100
April	N/A	23,494,800	N/A	0	N/A	0	N/A	22,888,100
May	N/A	23,494,800	N/A	0	N/A	0	N/A	22,888,100
June	N/A	23,494,800	N/A	0	N/A	0	N/A	22,888,100
Total		281,937,600		117,474,000		-		274,657,200
Subtotals ytd		117,474,000		117,474,000		-		
Achievement of Budget				100.00%				

(1) Figures are stated as "Service Months"; that is, July figures represent bills issued in August, etc.

(2) Not tracked as part of the wholesale sewer charges.

Table 4 - Wholesale Sewer Collections

Sewer				
Month	Current Year	Prior Year	Variance	Ratio
December	18,314,222	21,765,958	(3,451,736)	-15.86%
January	17,636,972	26,436,258	(8,799,286)	-33.28%
February	33,102,769	23,937,258	9,165,511	38.29%
March	23,746,469	24,713,158	(966,689)	-3.91%
April	17,769,710	19,937,558	(2,167,848)	-10.87%
May	18,213,966	10,226,700	7,987,266	78.10%
June	38,287,549	29,659,245	8,628,304	29.09%
July	22,331,831	28,223,515	(5,891,684)	-20.88%
August	22,377,366	21,036,661	1,340,705	6.37%
September	18,770,419	22,244,437	(3,474,018)	-15.62%
October	23,107,016	24,707,249	(1,600,233)	-6.48%
November	27,958,885	19,882,939	8,075,946	40.62%
Rolling 12-Month Total	281,617,175	272,770,936		
Rolling, 12-Month Average	23,468,098	22,730,911		

All amounts are unaudited unless otherwise noted.

GLWA Audit Committee February 26, 2024

City of Highland Park Billings and Collections

The City of Highland Park is provided water service pursuant to an emergency service basis. Sewer service is provided pursuant to a 1982 amended contract which indicates that the parties are guided in their legal relationship by a Michigan Supreme Court decision from 1949. On November 16, 2023, the GLWA Board of Directors outlined a plan to provide reimbursement credits to Member Partners upon implementation of the approved term sheet that represents a proposed agreement between GLWA, the city of Highland Park, and the state of Michigan. This monthly financial report will reflect the impacts of that term sheet and agreement moving forward as implementation steps occur.

As of November 30, 2023, Highland Park had a delinquent balance of \$55.0 million, including \$40.5 million for wastewater treatment services, \$1.9 million for industrial waste control services, and \$12.6 million for water supply services.

Table 5 - City of Highland Park Billings and Collections provides a life-to-date balance summary of the billing and collection history for Highland Park with detail provided for fiscal year 2024 through November 30, 2023. Please note the numbers below reflect the month the billing was sent and not the month the service was provided. A life-to-date summary is provided as an appendix to this monthly financial report.

Table 5 - City of Highland Park Billings and Collections

	Service Month	Water	Sewer	IWC	Total
November 30, 2022 Balance		11,483,597	41,869,587	1,838,246	55,191,430
December 2022 Billing	November 2022	103,645	451,700	4,025	559,370
December 2022 Payments		-	(641,773)	-	(641,773)
December 31, 2022 Balance		11,587,242	41,679,514	1,842,271	55,109,027
January 2023 Billing	December 2022	99,260	451,700	3,997	554,957
January 2023 Payments		-	(1,341,522)	-	(1,341,522)
January 31, 2023 Balance		11,686,502	40,789,692	1,846,268	54,322,462
February 2023 Billing	January 2023	106,448	451,700	3,998	562,146
February 2023 Payments		-	(434,682)	-	(434,682)
February 28, 2023 Balance		11,792,950	40,806,710	1,850,266	54,449,926
March 2023 Billing	February 2023	99,164	451,700	3,889	554,753
March 2023 Payments		-	(347,442)	-	(347,442)
March 31, 2023 Balance		11,892,114	40,910,969	1,854,155	54,657,238
April 2023 Billing	March 2023	101,068	451,700	3,897	556,665
April 2023 Payments		-	(358,010)	-	(358,010)
April 30, 2023 Balance		11,993,182	41,004,659	1,858,052	54,855,893
May 2023 Billing	April 2023	98,870	451,700	3,906	554,476
May 2023 Payments		-	(349,566)	-	(349,566)
May 31, 2023 Balance		12,092,052	41,106,793	1,861,958	55,060,803
June 2023 Billing	May 2023	103,555	451,700	3,906	559,161
June 2023 Payments		(126,000)	(1,261,249)	-	(1,387,249)
June 30, 2023 Balance		12,069,607	40,297,244	1,865,864	54,232,714
July 2023 Billing	June 2023	107,088	451,700	3,906	562,694
July 2023 Payments		-	(386,031)	-	(386,031)
July 31, 2023 Balance		12,176,695	40,362,913	1,869,769	54,409,377
August 2023 Billing	July 2023	115,273	445,700	3,964	564,937
August 2023 Payments		-	(387,766)	-	(387,766)
August 31, 2023 Balance		12,291,968	40,420,847	1,873,733	54,586,548
September 2023 Billing	August 2023	116,724	464,200	3,964	584,888
September 2023 Payments		-	(395,119)	-	(395,119)
September 30, 2023 Balance		12,408,692	40,489,928	1,877,697	54,776,316
October 2023 Billing	September 2023	116,104	464,200	4,028	584,332
October 2023 Payments		-	(452,616)	-	(452,616)
October 31, 2023 Balance		12,524,796	40,501,512	1,881,725	54,908,032
November 2023 Billing	October 2023	109,304	464,200	4,028	577,532
November 2023 Payments		-	(503,685)	-	(503,685)
November 30, 2023 Balance		12,634,099	40,462,026	1,885,753	54,981,878

All amounts are unaudited unless otherwise noted.

GLWA Audit Committee February 26, 2024

Wholesale Water & Sewer Accounts Receivable Aging Report

The detailed accounts receivable aging is in the Appendix to this monthly report. This report reflects the wholesale receivables only and does not include DWSD.

Table 6 - Wholesale Accounts Receivable Aging Report Summary is a summary of the total, current and non-current receivables by category as of November 30, 2023.

Table 7 - Wholesale Accounts Receivable Aging Report, Net of Highland Park is the same summary *without* the past due balances for the City of Highland Park.

Table 8 - Wholesale Accounts Receivable Aging Report, Net of Highland Park and Dearborn is the same summary *without* the past due balances for the City of Highland Park and Dearborn. Two water accounts comprise the past due balances over 46 days. One account reports a past due balance of \$81 thousand which was subsequently paid in January. The remaining past due account is currently under review.

The Sewer past due account was paid in full January. The IWC past due balance includes two accounts that were fully paid in January. The Pollutant Surcharge past due balance consists of smaller account holders that GLWA staff continue to communicate with.

Table 6 - Wholesale Accounts Receivable Aging Report Summary

	Total	Current	46-74 Days	75-104 Days	>105 Days
Water	\$ 55,779,569.94	\$ 37,454,188.56	\$ 997,837.53	\$ 1,103,769.05	\$ 16,223,774.80
Sewer	\$ 54,682,308.32	\$ 14,338,381.97	\$ 810,300.00	\$ 464,200.00	\$ 39,069,426.35
IWC	\$ 2,359,825.34	\$ 477,053.87	\$ 9,038.12	\$ 3,963.96	\$ 1,869,769.39
Pollutant Surcharge	\$ 373,997.38	\$ 366,932.01	\$ 3,341.20	\$ 714.06	\$ 3,010.11
Total	\$ 113,195,700.98	\$ 52,636,556.41	\$ 1,820,516.85	\$ 1,572,647.07	\$ 57,165,980.65
	100.00%	46.50%	1.61%	1.39%	50.50%

Table 7 - Wholesale Accounts Receivable Aging Report, Net of Highland Park

	Total	Current	46-74 Days	75-104 Days	>105 Days
Water	\$ 43,145,469.98	\$ 37,228,780.41	\$ 881,113.86	\$ 988,496.01	\$ 4,047,079.70
Sewer	\$ 14,220,281.97	\$ 13,874,181.97	\$ 346,100.00	\$ -	\$ -
IWC	\$ 474,072.71	\$ 468,998.55	\$ 5,074.16	\$ -	\$ -
Pollutant Surcharge	\$ 373,997.38	\$ 366,932.01	\$ 3,341.20	\$ 714.06	\$ 3,010.11
Total	\$ 58,213,822.04	\$ 51,938,892.94	\$ 1,235,629.22	\$ 989,210.07	\$ 4,050,089.81
	100.00%	89.22%	2.12%	1.70%	6.96%

Table 8 - Wholesale Accounts Receivable Aging Report, Net of Highland Park and Dearborn

	Total	Current	46-74 Days	75-104 Days	>105 Days
Water	\$ 35,035,945.92	\$ 34,909,706.58	\$ 126,239.34	\$ -	\$ -
Sewer	\$ 14,220,281.97	\$ 13,874,181.97	\$ 346,100.00	\$ -	\$ -
IWC	\$ 474,072.71	\$ 468,998.55	\$ 5,074.16	\$ -	\$ -
Pollutant Surcharge	\$ 373,997.38	\$ 366,932.01	\$ 3,341.20	\$ 714.06	\$ 3,010.11
Total	\$ 50,104,297.98	\$ 49,619,819.11	\$ 480,754.70	\$ 714.06	\$ 3,010.11
	100.00%	99.03%	0.96%	0.00%	0.01%

Note: percentages vary from 100% due to rounding.



The Monthly Trust Receipts & Disbursements Report includes the following.

1. GLWA Trust Receipts & Disbursements – Net Cash Flows and Receipts
2. DWSD Trust Receipts & Disbursements – Net Cash Flows, Receipts & Loan Receivable
3. Combined System Trust Receipts & Disbursements – Net Cash Flows

GLWA Trust Receipts & Disbursements

Net Cash Flows and Receipts Basis: The trusts established pursuant to the Master Bond Ordinance (MBO) outline a flow of funds that governs the priority of the application of cash receipts from both the regional wholesale (i.e., Great Lakes Water Authority or GLWA) and local retail (i.e., Detroit Water & Sewerage Department or DWSD) activities which are further separated by the water system and the sewage disposal system.

This report provides an ongoing status of the net cash flow of both organizations (GLWA and DWSD) to fund their allocated share of Master Bond Ordinance requirements in accordance with the leases for the regional systems.

Table 1 – GLWA Net Cash Flows from Trust Receipts & Disbursements provides a summary of cash receipt collections and required MBO transfers by fiscal year. Fiscal year 2024 reflects five months of activity to date.

Water fund receipts exceeded required disbursements by 17% through November 30, 2023 compared to the four-year historical average ratio of required receipts exceeding disbursements by 10% since July 1, 2019.

Sewer fund receipts exceeded required disbursements by 6% through November 30, 2023 in line with the four-year historical average ratio of required receipts exceeding disbursements by 7% since July 1, 2019.

Chart 1 – GLWA 12-Month Net Receipts – Water outlines monthly cash receipt trends across two points of reference for the regional water system—current year and prior year. The black line at the zero highlights the minimum goal for net receipts.

Chart 2 – GLWA 12-Month Net Receipts – Sewer outlines monthly cash receipt trends across two points of reference for the regional sewer system—current year and prior year. The black line at the zero highlights the minimum goal for net receipts.

Table 1 – GLWA Net Cash Flows from Trust Receipts & Disbursements

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024 Thru Nov 30
Water					
1 Receipts	\$ 332,606,196	\$ 336,642,021	\$ 338,117,694	\$ 363,335,474	\$ 166,808,779
2 MOU Adjustments	-	-	-	-	-
3 Adjusted Receipts	332,606,196	336,642,021	338,117,694	363,335,474	166,808,779
4 Disbursements	(296,190,425)	(308,713,407)	(316,495,360)	(349,186,375)	(143,157,266)
5 Receipts Net of Required Transfers	36,415,771	27,928,614	21,622,334	14,149,099	23,651,513
6 I&E Transfer	(25,719,751)	(31,991,687)	(26,622,862)	(9,898,100)	(17,824,500)
7 Net Receipts	\$ 10,696,020	\$ (4,063,073)	\$ (5,000,528)	\$ 4,250,999	\$ 5,827,013
8 <i>Ratio of Receipts to Required Disbursements (Line 3/Line 4)</i>	112%	109%	107%	104%	117%
Sewer					
9 Receipts	\$ 490,461,356	\$ 472,871,853	\$ 471,979,297	\$ 498,888,416	\$ 209,377,782
10 MOU Adjustments	-	-	-	-	-
11 Adjusted Receipts	490,461,356	472,871,853	471,979,297	498,888,416	209,377,782
12 Disbursements	(445,604,952)	(436,600,883)	(450,701,751)	(473,516,238)	(198,070,427)
13 Receipts Net of Required Transfers	44,856,404	36,270,970	21,277,546	25,372,178	11,307,355
14 I&E Transfer	(19,096,200)	(40,504,727)	(37,651,788)	(26,766,200)	-
15 DWSD Shortfall Advance	-	-	-	-	-
16 Shortfall Repayment (principal)	17,542,669	18,206,431	8,296,578	-	-
17 Net Receipts	\$ 43,302,873	\$ 13,972,674	\$ (8,077,664)	\$ (1,394,022)	\$ 11,307,355
18 <i>Ratio of Receipts to Required Disbursements (Line 11/Line 12)</i>	110%	108%	105%	105%	106%
Combined					
19 Receipts	\$ 823,067,552	\$ 809,513,874	\$ 810,096,991	\$ 862,223,890	\$ 376,186,561
20 MOU Adjustments	-	-	-	-	-
21 Adjusted Receipts	823,067,552	809,513,874	810,096,991	862,223,890	376,186,561
22 Disbursements	(741,795,377)	(745,314,290)	(767,197,111)	(822,702,613)	(341,227,693)
23 Receipts Net of Required Transfers	81,272,175	64,199,584	42,899,880	39,521,277	34,958,868
24 I&E Transfer	(44,815,951)	(72,496,414)	(64,274,650)	(36,664,300)	(17,824,500)
25 Shortfall Advance	-	-	-	-	-
26 Shortfall Repayment	17,542,669	18,206,431	8,296,578	-	-
27 Net Receipts	\$ 53,998,893	\$ 9,909,601	\$ (13,078,192)	\$ 2,856,977	\$ 17,134,368
28 <i>Ratio of Receipts to Required Disbursements (Line 21/Line 22)</i>	111%	109%	106%	105%	110%

All amounts are unaudited unless otherwise noted.

GLWA Audit Committee February 26, 2024

Chart 1 – GLWA 12-Month Net Receipts – Water

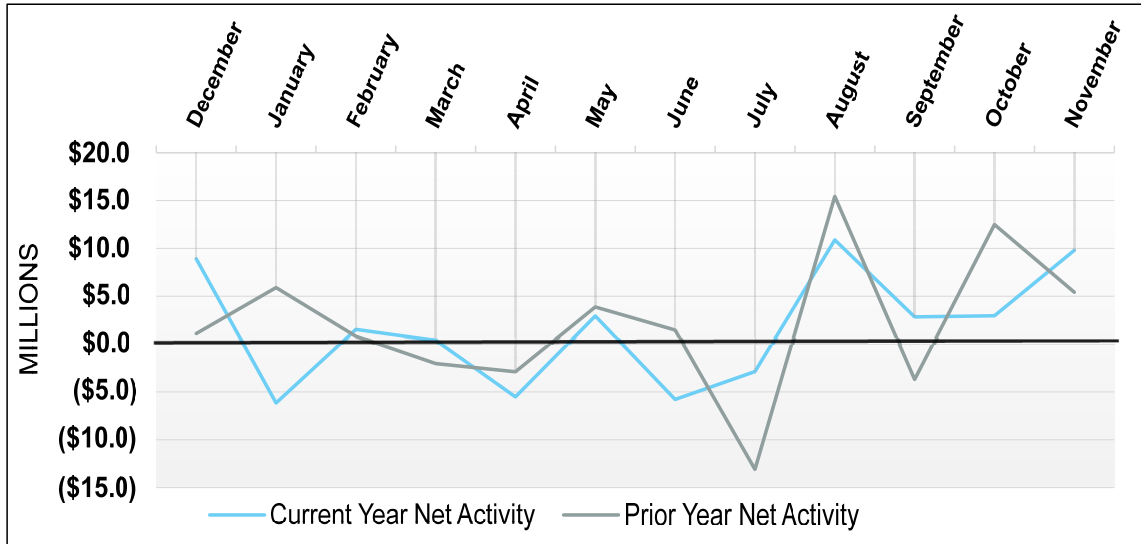
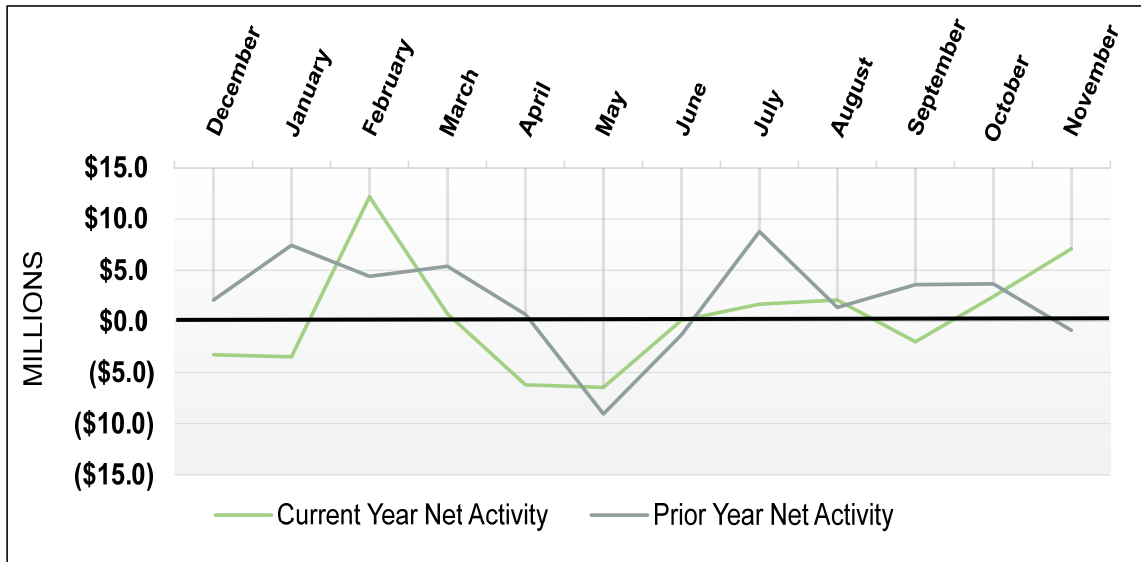


Chart 2 – GLWA 12-Month Net Receipts – Sewer



DWSD Trust Receipts & Disbursements

Net Cash Flows and Receipts Basis: The trusts established pursuant to the Master Bond Ordinance (MBO) outline a flow of funds that governs the priority of the application of cash receipts from both the regional wholesale (i.e. Great Lakes Water Authority or GLWA) and local retail (i.e. Detroit Water & Sewerage Department or DWSD) activities which are further separated by the water system and the sewage disposal system.

This report provides an ongoing status of the net cash flow of both organizations (GLWA and DWSD) to fund their allocated share of Master Bond Ordinance requirements in accordance with the leases for the regional systems.

Table 2 – DWSD Net Cash Flows from Trust Receipts & Disbursements provides a summary of cash receipt collections and required MBO transfers by fiscal year. Fiscal year 2024 reflects five months of activity to date.

Water fund receipts fell short of required disbursements by 3% through November 30, 2023 compared to the four-year historical average ratio of required receipts exceeding disbursements by 2% since July 1, 2019.

Sewer fund receipts exceeded required disbursements by 7% through November 30, 2023 compared to the four-year historical average of required receipts exceeding disbursements by 3% since July 1, 2019.

Table 2 – DWSD Net Cash Flows from Trust Receipts & Disbursements

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024 Thru Nov 30
Water					
1 Receipts	\$ 96,885,723	\$ 102,067,423	\$ 101,964,963	\$ 123,766,624	\$ 47,936,036
2 MOU Adjustments	-	-	-	-	-
3 Adjusted Receipts	96,885,723	102,067,423	101,964,963	123,766,624	47,936,036
4 Disbursements	(97,823,097)	(100,707,200)	(94,495,601)	(117,666,100)	(49,374,100)
5 Receipts Net of Required Transfers	(937,374)	1,360,223	7,469,362	6,100,524	(1,438,064)
6 I&E Transfer	-	-	-	-	-
7 Net Receipts	\$ (937,374)	\$ 1,360,223	\$ 7,469,362	\$ 6,100,524	\$ (1,438,064)
8 <i>Ratio of Receipts to Required Disbursements (Line 3/Line 4)</i>	99%	101%	108%	105%	97%
Sewer					
9 Receipts	\$ 264,689,559	\$ 308,210,767	\$ 291,280,896	\$ 298,896,942	\$ 128,879,892
10 MOU Adjustments	-	-	-	-	-
11 Adjusted Receipts	264,689,559	308,210,767	291,280,896	298,896,942	128,879,892
12 Disbursements	(275,507,374)	(295,100,771)	(285,256,000)	(283,095,100)	(120,480,274)
13 Receipts Net of Required Transfers	(10,817,815)	13,109,996	6,024,896	15,801,842	8,399,618
14 I&E Transfer	-	-	-	-	-
15 Shortfall Advance from GLWA	-	-	-	-	-
16 Net Receipts	\$ (10,817,815)	\$ 13,109,996	\$ 6,024,896	\$ 15,801,842	\$ 8,399,618
17 <i>Ratio of Receipts to Required Disbursements (Line 11/Line 12)</i>	96%	104%	102%	106%	107%
Combined					
18 Receipts	\$ 361,575,282	\$ 410,278,190	\$ 393,245,859	\$ 422,663,566	\$ 176,815,928
19 MOU Adjustments	-	-	-	-	-
20 Adjusted Receipts	361,575,282	410,278,190	393,245,859	422,663,566	176,815,928
21 Disbursements	(373,330,471)	(395,807,971)	(379,751,601)	(400,761,200)	(169,854,374)
22 Receipts Net of Required Transfers	(11,755,189)	14,470,219	13,494,258	21,902,366	6,961,554
23 I&E Transfer	-	-	-	-	-
24 Shortfall Advance from GLWA	-	-	-	-	-
25 Net Receipts	\$ (11,755,189)	\$ 14,470,219	\$ 13,494,258	\$ 21,902,366	\$ 6,961,554
26 <i>Ratio of Receipts to Required Disbursements (Line 20/Line 21)</i>	97%	104%	104%	105%	104%

Chart 3 – DWSD 12-Month Net Receipts – Water outlines monthly activity trends across two points of reference for the local water system—current year and prior year. The black line at the zero highlights the breakeven goal for net receipts.

Chart 4 – DWSD 12-Month Net Receipts – Sewer outlines monthly activity trends across two points of reference for the local sewer system—current year and prior year. The black line at the zero highlights the breakeven goal for net receipts.

Chart 3 – DWSD 12-Month Net Receipts – Water

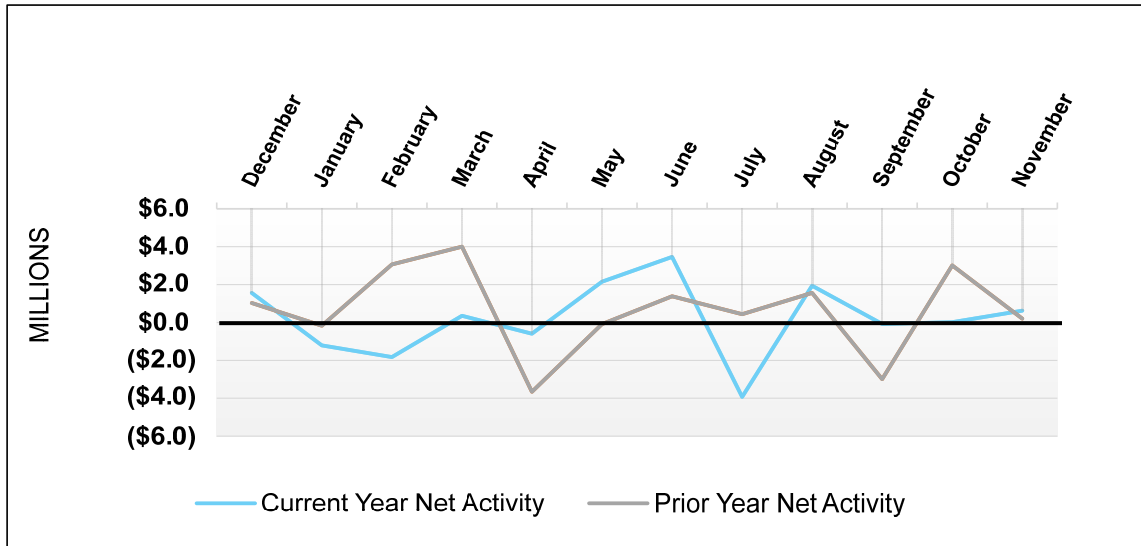
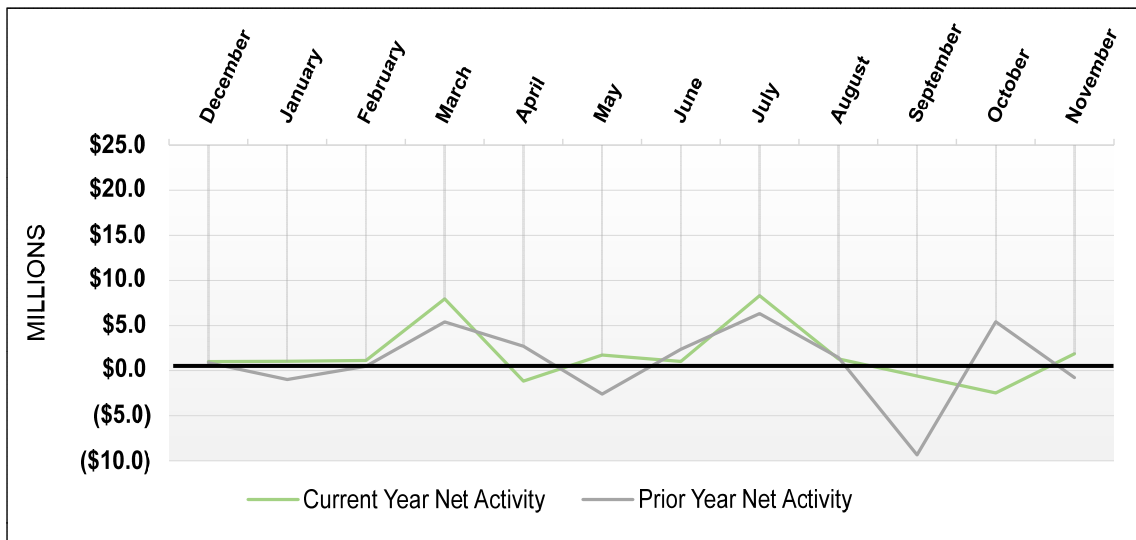


Chart 4 – DWSD 12-Month Net Receipts – Sewer



Combined System Trust Receipts & Disbursements

Net Cash Flows and Receipts Basis: The trusts established pursuant to the Master Bond Ordinance (MBO) outline a flow of funds that governs the priority of the application of cash receipts from both the regional wholesale (i.e., Great Lakes Water Authority or GLWA) and local retail (i.e. Detroit Water & Sewerage Department or DWSD) activities which are further separated by the water system and the sewage disposal system.

Table 3 – Combined Net Cash Flows from Trust Receipts & Disbursements provides a summary of cash receipt collections and required MBO transfers by fiscal year. Fiscal year 2024 reflects five months of activity to date.

Water fund net receipts exceeded required disbursements by 12% through November 30, 2023 compared to the four-year historical average ratio of required receipts exceeding disbursements by 8% since July 1, 2019.

Sewer fund receipts exceeded required disbursements by 6% through November 30, 2023 compared to the four-year historical average ratio of required receipts exceeding disbursements by 5% since July 1, 2019.

Table 3 – Combined Net Cash Flows from Trust Receipts & Disbursements

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024 Thru Nov 30
Water					
1 Receipts	\$ 429,491,919	\$ 438,709,444	\$ 440,082,657	\$ 487,102,098	\$ 214,744,815
2 MOU Adjustments	-	-	-	-	-
3 Adjusted Receipts	429,491,919	438,709,444	440,082,657	487,102,098	214,744,815
4 Disbursements	(394,013,522)	(409,420,607)	(410,990,961)	(466,852,475)	(192,531,366)
5 Receipts Net of Required Transfers	35,478,397	29,288,837	29,091,696	20,249,623	22,213,449
6 I&E Transfer	(25,719,751)	(31,991,687)	(26,622,862)	(9,898,100)	(17,824,500)
7 Net Receipts	\$ 9,758,646	\$ (2,702,850)	\$ 2,468,834	\$ 10,351,523	\$ 4,388,949
8 <i>Ratio of Receipts to Required Disbursements (Line 3/Line 4)</i>	109%	107%	107%	104%	112%
Sewer					
9 Receipts	\$ 755,150,915	\$ 781,082,620	\$ 763,260,193	\$ 797,785,358	\$ 338,257,674
10 MOU Adjustments	-	-	-	-	-
11 Adjusted Receipts	755,150,915	781,082,620	763,260,193	797,785,358	338,257,674
12 Disbursements	(721,112,326)	(731,701,654)	(735,957,751)	(756,611,338)	(318,550,701)
13 Receipts Net of Required Transfers	34,038,589	49,380,966	27,302,442	41,174,020	19,706,973
14 I&E Transfer	(19,096,200)	(40,504,727)	(37,651,788)	(26,766,200)	-
15 Shortfall Advance	-	-	-	-	-
16 Shortfall Repayment (principal)	17,542,669	18,206,431	8,296,578	-	-
17 Net Receipts	\$ 32,485,058	\$ 27,082,670	\$ (2,052,768)	\$ 14,407,820	\$ 19,706,973
18 <i>Ratio of Receipts to Required Disbursements (Line 11/Line 12)</i>	105%	107%	104%	105%	106%
Combined					
19 Receipts	\$ 1,184,642,834	\$ 1,219,792,064	\$ 1,203,342,850	\$ 1,284,887,456	\$ 553,002,489
20 MOU Adjustments	-	-	-	-	-
21 Adjusted Receipts	1,184,642,834	1,219,792,064	1,203,342,850	1,284,887,456	553,002,489
22 Disbursements	(1,115,125,848)	(1,141,122,261)	(1,146,948,712)	(1,223,463,813)	(511,082,067)
23 Receipts Net of Required Transfers	69,516,986	78,669,803	56,394,138	61,423,643	41,920,422
24 I&E Transfer	(44,815,951)	(72,496,414)	(64,274,650)	(36,664,300)	(17,824,500)
25 Shortfall Advance	-	-	-	-	-
26 Shortfall Repayment	17,542,669	18,206,431	8,296,578	-	-
27 Net Receipts	\$ 42,243,704	\$ 24,379,820	\$ 416,066	\$ 24,759,343	\$ 24,095,922
28 <i>Ratio of Receipts to Required Disbursements (Line 21/Line 22)</i>	106%	107%	105%	105%	108%

All amounts are unaudited unless otherwise noted.

GLWA Audit Committee February 26, 2024

APPENDIX

GLWA Aged Accounts Receivable- WATER ACCOUNTS

Balances as of 11/30/23

Customer Name	Total Due	Current	46 - 74 Days	75 - 104 Days	>105 Days
ALLEN PARK	\$207,848.21	\$207,848.21	\$0.00	\$0.00	\$0.00
ALMONT VILLAGE	\$21,455.85	\$21,455.85	\$0.00	\$0.00	\$0.00
ASH TOWNSHIP	\$72,734.47	\$72,734.47	\$0.00	\$0.00	\$0.00
BELLEVILLE	\$28,598.89	\$28,598.89	\$0.00	\$0.00	\$0.00
BERLIN TOWNSHIP	\$62,333.75	\$62,333.75	\$0.00	\$0.00	\$0.00
BROWNSTOWN TOWNSHIP	\$334,943.82	\$334,943.82	\$0.00	\$0.00	\$0.00
BRUCE TOWNSHIP	\$24,576.73	\$24,576.73	\$0.00	\$0.00	\$0.00
BURTCHVILLE TOWNSHIP	\$38,229.13	\$38,229.13	\$0.00	\$0.00	\$0.00
CANTON TOWNSHIP	\$1,074,096.70	\$1,074,096.70	\$0.00	\$0.00	\$0.00
CENTER LINE	\$89,783.44	\$89,783.44	\$0.00	\$0.00	\$0.00
CHESTERFIELD TOWNSHIP	\$386,738.01	\$386,738.01	\$0.00	\$0.00	\$0.00
CLINTON TOWNSHIP	\$673,445.82	\$673,445.82	\$0.00	\$0.00	\$0.00
COMMERCE TOWNSHIP	\$630,128.43	\$630,128.43	\$0.00	\$0.00	\$0.00
DEARBORN	\$8,109,524.06	\$2,319,073.83	\$754,874.52	\$988,496.01	\$4,047,079.70
DEARBORN HEIGHTS	\$681,872.16	\$681,872.16	\$0.00	\$0.00	\$0.00
EASTPOINTE	\$149,952.82	\$149,952.82	\$0.00	\$0.00	\$0.00
ECORSE	\$100,551.13	\$100,551.13	\$0.00	\$0.00	\$0.00
FARMINGTON	\$182,689.14	\$182,689.14	\$0.00	\$0.00	\$0.00
FARMINGTON HILLS	\$1,657,459.92	\$1,657,459.92	\$0.00	\$0.00	\$0.00
FERNDALE	\$96,740.13	\$96,740.13	\$0.00	\$0.00	\$0.00
FLAT ROCK	\$130,275.96	\$130,275.96	\$0.00	\$0.00	\$0.00
FLINT	\$420,306.64	\$420,306.64	\$0.00	\$0.00	\$0.00
FRASER	\$115,865.33	\$115,865.33	\$0.00	\$0.00	\$0.00

GLWA Aged Accounts Receivable- WATER ACCOUNTS

Balances as of 11/30/23

Customer Name	Total Due	Current	46 - 74 Days	75 - 104 Days	>105 Days
GARDEN CITY	\$161,494.47	\$161,494.47	\$0.00	\$0.00	\$0.00
GENESEE COUNTY DRAIN COMM	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
GIBRALTAR	\$31,246.30	\$31,246.30	\$0.00	\$0.00	\$0.00
GREATER LAPEER CUA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
GREENWOOD TWP. (DTE)	\$109,365.18	\$109,365.18	\$0.00	\$0.00	\$0.00
GROSSE ILE TOWNSHIP	\$113,114.76	\$113,114.76	\$0.00	\$0.00	\$0.00
GROSSE POINTE FARMS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
GROSSE POINTE PARK	\$121,249.26	\$121,249.26	\$0.00	\$0.00	\$0.00
GROSSE POINTE SHORES	\$53,907.71	\$53,907.71	\$0.00	\$0.00	\$0.00
GROSSE POINTE WOODS	\$113,372.94	\$113,372.94	\$0.00	\$0.00	\$0.00
HAMTRAMCK	\$238,598.28	\$157,343.72	\$81,254.56	\$0.00	\$0.00
HARPER WOODS	\$79,512.82	\$79,512.82	\$0.00	\$0.00	\$0.00
HARRISON TWP	\$153,709.60	\$153,709.60	\$0.00	\$0.00	\$0.00
HAZEL PARK	\$69,529.47	\$69,529.47	\$0.00	\$0.00	\$0.00
HIGHLAND PARK	\$12,634,099.96	\$225,408.15	\$116,723.67	\$115,273.04	\$12,176,695.10
HURON TOWNSHIP	\$189,261.07	\$189,261.07	\$0.00	\$0.00	\$0.00
IMLAY CITY	\$136,544.79	\$136,544.79	\$0.00	\$0.00	\$0.00
IMLAY TOWNSHIP (CHAMPION BUS	\$981.38	\$981.38	\$0.00	\$0.00	\$0.00
INKSTER	\$240,050.26	\$240,050.26	\$0.00	\$0.00	\$0.00
KEEGO HARBOR	\$27,363.44	\$27,363.44	\$0.00	\$0.00	\$0.00
LAPEER	\$148,047.61	\$148,047.61	\$0.00	\$0.00	\$0.00
LENOX TOWNSHIP	\$30,623.13	\$30,623.13	\$0.00	\$0.00	\$0.00

GLWA Aged Accounts Receivable- WATER ACCOUNTS

Balances as of 11/30/23

Customer Name	Total Due	Current	46 - 74 Days	75 - 104 Days	>105 Days
LINCOLN PARK	\$213,399.06	\$213,399.06	\$0.00	\$0.00	\$0.00
LIVONIA	\$1,040,184.95	\$1,040,184.95	\$0.00	\$0.00	\$0.00
MACOMB TWP	\$1,108,030.93	\$1,108,030.93	\$0.00	\$0.00	\$0.00
MADISON HEIGHTS	\$189,362.49	\$189,362.49	\$0.00	\$0.00	\$0.00
MAYFIELD TOWNSHIP (KAMAX)	\$9,387.86	\$9,387.86	\$0.00	\$0.00	\$0.00
MELVINDALE	\$60,972.71	\$60,972.71	\$0.00	\$0.00	\$0.00
NEW HAVEN	\$40,986.26	\$40,986.26	\$0.00	\$0.00	\$0.00
NOCWA	\$4,112,339.79	\$4,112,339.79	\$0.00	\$0.00	\$0.00
NORTHVILLE	\$67,526.64	\$67,526.64	\$0.00	\$0.00	\$0.00
NORTHVILLE TOWNSHIP	\$478,149.26	\$478,149.26	\$0.00	\$0.00	\$0.00
NOVI	\$809,017.11	\$809,017.11	\$0.00	\$0.00	\$0.00
OAK PARK	\$132,246.32	\$132,246.32	\$0.00	\$0.00	\$0.00
OAKLAND CO DR COM	\$9,746.57	\$9,746.57	\$0.00	\$0.00	\$0.00
PLYMOUTH	\$100,727.88	\$100,727.88	\$0.00	\$0.00	\$0.00
PLYMOUTH TOWNSHIP	\$404,315.14	\$404,315.14	\$0.00	\$0.00	\$0.00
REDFORD TOWNSHIP	\$276,149.03	\$276,149.03	\$0.00	\$0.00	\$0.00
RIVER ROUGE	\$46,354.52	\$46,354.52	\$0.00	\$0.00	\$0.00
RIVERVIEW	\$78,762.61	\$78,762.61	\$0.00	\$0.00	\$0.00
ROCKWOOD	\$22,579.63	\$22,579.63	\$0.00	\$0.00	\$0.00
ROMEO	\$38,154.95	\$38,154.95	\$0.00	\$0.00	\$0.00
ROMULUS	\$351,096.83	\$351,096.83	\$0.00	\$0.00	\$0.00
ROSEVILLE	\$485,408.46	\$485,408.46	\$0.00	\$0.00	\$0.00
ROYAL OAK TOWNSHIP	\$19,233.25	\$19,233.25	\$0.00	\$0.00	\$0.00

GLWA Aged Accounts Receivable- WATER ACCOUNTS

Balances as of 11/30/23

Customer Name	Total Due	Current	46 - 74 Days	75 - 104 Days	>105 Days
SHELBY TOWNSHIP	\$979,046.39	\$979,046.39	\$0.00	\$0.00	\$0.00
SOCWA	\$4,442,953.75	\$4,397,968.97	\$44,984.78	\$0.00	\$0.00
SOUTH ROCKWOOD	\$10,869.01	\$10,869.01	\$0.00	\$0.00	\$0.00
SOUTHGATE	\$192,564.55	\$192,564.55	\$0.00	\$0.00	\$0.00
ST. CLAIR SHORES	\$284,193.48	\$284,193.48	\$0.00	\$0.00	\$0.00
STERLING HEIGHTS	\$1,316,252.96	\$1,316,252.96	\$0.00	\$0.00	\$0.00
SUMPTER TOWNSHIP	\$68,238.70	\$68,238.70	\$0.00	\$0.00	\$0.00
SYLVAN LAKE	\$20,352.76	\$20,352.76	\$0.00	\$0.00	\$0.00
TAYLOR	\$455,465.71	\$455,465.71	\$0.00	\$0.00	\$0.00
TRENTON	\$157,889.71	\$157,889.71	\$0.00	\$0.00	\$0.00
TROY (SEOC)	\$1,214,421.14	\$1,214,421.14	\$0.00	\$0.00	\$0.00
UTICA	\$54,134.42	\$54,134.42	\$0.00	\$0.00	\$0.00
VAN BUREN TOWNSHIP	\$294,705.72	\$294,705.72	\$0.00	\$0.00	\$0.00
WALLED LAKE	\$148,159.54	\$148,159.54	\$0.00	\$0.00	\$0.00
WARREN	\$889,807.00	\$889,807.00	\$0.00	\$0.00	\$0.00
WASHINGTON TOWNSHIP	\$203,557.35	\$203,557.35	\$0.00	\$0.00	\$0.00
WAYNE	\$168,616.74	\$168,616.74	\$0.00	\$0.00	\$0.00
WEST BLOOMFIELD TWP (C-O)	\$1,985,077.54	\$1,985,077.54	\$0.00	\$0.00	\$0.00
WESTLAND	\$552,890.62	\$552,890.62	\$0.00	\$0.00	\$0.00
WIXOM	\$194,324.31	\$194,324.31	\$0.00	\$0.00	\$0.00
WOODHAVEN	\$130,625.14	\$130,625.14	\$0.00	\$0.00	\$0.00
YCUA	\$1,979,068.18	\$1,979,068.18	\$0.00	\$0.00	\$0.00

GLWA Aged Accounts Receivable- WATER ACCOUNTS

Balances as of 11/30/23

Customer Name	Total Due	Current	46 - 74 Days	75 - 104 Days	>105 Days
TOTAL WATER ACCOUNTS	\$55,779,569.94	\$37,454,188.56	\$997,837.53	\$1,103,769.05	\$16,223,774.80

GLWA Aged Accounts Receivable- SEWER ACCOUNTS

Balances as of 11/30/23

Customer Name	Total Due	Current	46 - 74 Days	75 - 104 Days	>105 Days
ALLEN PARK	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CENTER LINE	\$89,299.50	\$89,299.50	\$0.00	\$0.00	\$0.00
DEARBORN	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
EVERGREEN-FARMINGTON	\$3,099,400.00	\$3,099,400.00	\$0.00	\$0.00	\$0.00
FARMINGTON	\$102,700.00	\$102,700.00	\$0.00	\$0.00	\$0.00
GROSSE POINTE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
GROSSE POINTE FARMS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
GROSSE POINTE PARK	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
HAMTRAMCK	\$692,200.00	\$346,100.00	\$346,100.00	\$0.00	\$0.00
HARPER WOODS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
HIGHLAND PARK	\$40,462,026.35	\$464,200.00	\$464,200.00	\$464,200.00	\$39,069,426.35
MELVINDALE	\$134,700.00	\$134,700.00	\$0.00	\$0.00	\$0.00
OAKLAND COUNTY GWK DD	\$3,971,300.00	\$3,971,300.00	\$0.00	\$0.00	\$0.00
OMID	\$6,107,582.47	\$6,107,582.47	\$0.00	\$0.00	\$0.00
REDFORD TOWNSHIP	\$23,100.00	\$23,100.00	\$0.00	\$0.00	\$0.00
ROUGE VALLEY	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
SOUTHEAST MACOMB SANITATION	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
WAYNE COUNTY-AREA #3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL SEWER ACCOUNTS	\$54,682,308.32	\$14,338,381.97	\$810,300.00	\$464,200.00	\$39,069,426.35

GLWA Aged Accounts Receivable- IWC ACCOUNTS

Balances as of 11/30/23

Customer Name	Total Due	Current	46 - 74 Days	75 - 104 Days	>105 Days
ALLEN PARK	\$1,650.74	\$1,650.74	\$0.00	\$0.00	\$0.00
AUBURN HILLS (C-O)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
AUBURN HILLS (C-O) ADMIN	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
AUBURN HILLS (E-F)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
BERKLEY	\$3,235.96	\$3,235.96	\$0.00	\$0.00	\$0.00
BEVERLY HILLS	\$1,022.84	\$1,022.84	\$0.00	\$0.00	\$0.00
BINGHAM FARMS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
BIRMINGHAM (E-F)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
BIRMINGHAM (SEOC)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
BLOOMFIELD HILLS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
BLOOMFIELD TOWNSHIP	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CANTON TOWNSHIP	\$87.36	\$87.36	\$0.00	\$0.00	\$0.00
CENTER LINE	\$5,350.80	\$5,350.80	\$0.00	\$0.00	\$0.00
CHARTER TOWNSHIP OF INDEPENI	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CHESTERFIELD TOWNSHIP	\$13,391.56	\$13,391.56	\$0.00	\$0.00	\$0.00
CITY OF FARMINGTON (E-F)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CITY OF FERNDALE	\$8,848.20	\$8,848.20	\$0.00	\$0.00	\$0.00
CITY OF ROCHESTER	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CLARKSTON	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CLARKSTON (C-O) ADMIN	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CLAWSON	\$6,340.89	\$6,340.89	\$0.00	\$0.00	\$0.00
CLINTON TOWNSHIP	\$27,866.02	\$27,866.02	\$0.00	\$0.00	\$0.00
DEARBORN	\$37,695.84	\$37,695.84	\$0.00	\$0.00	\$0.00

GLWA Aged Accounts Receivable- IWC ACCOUNTS

Balances as of 11/30/23

Customer Name	Total Due	Current	46 - 74 Days	75 - 104 Days	>105 Days
DEARBORN HEIGHTS	\$7,360.31	\$7,360.31	\$0.00	\$0.00	\$0.00
DETROIT METRO WC AIRPORT	\$109.20	\$109.20	\$0.00	\$0.00	\$0.00
EASTPOINTE	\$13,100.63	\$13,100.63	\$0.00	\$0.00	\$0.00
FARMINGTON	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
FARMINGTON HILLS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
FRASER	\$5,077.80	\$5,077.80	\$0.00	\$0.00	\$0.00
GARDEN CITY	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
GROSSE POINTE	\$1,617.98	\$1,617.98	\$0.00	\$0.00	\$0.00
GROSSE POINTE FARMS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
GROSSE POINTE PARK	\$1,210.30	\$1,210.30	\$0.00	\$0.00	\$0.00
GROSSE POINTE SHORES	\$349.44	\$349.44	\$0.00	\$0.00	\$0.00
GROSSE POINTE WOODS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
HAMTRAMCK	\$12,820.08	\$8,546.72	\$4,273.36	\$0.00	\$0.00
HARPER WOODS	\$1,838.20	\$1,838.20	\$0.00	\$0.00	\$0.00
HARRISON TWP	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
HAZEL PARK	\$3,397.94	\$3,397.94	\$0.00	\$0.00	\$0.00
HIGHLAND PARK	\$1,885,752.63	\$8,055.32	\$3,963.96	\$3,963.96	\$1,869,769.39
HUNTINGTON WOODS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
INDEPENDENCE (C-O) ADMIN	\$1,335.23	\$1,335.23	\$0.00	\$0.00	\$0.00
INKSTER	\$187.68	\$187.68	\$0.00	\$0.00	\$0.00
KEEGO HARBOR	\$710.63	\$710.63	\$0.00	\$0.00	\$0.00
LATHRUP	\$1,439.62	\$1,439.62	\$0.00	\$0.00	\$0.00

GLWA Aged Accounts Receivable- IWC ACCOUNTS

Balances as of 11/30/23

Customer Name	Total Due	Current	46 - 74 Days	75 - 104 Days	>105 Days
LENOX TOWNSHIP	\$333.06	\$333.06	\$0.00	\$0.00	\$0.00
LIVONIA	\$42,269.50	\$42,269.50	\$0.00	\$0.00	\$0.00
MACOMB TWP	\$211.12	\$211.12	\$0.00	\$0.00	\$0.00
MADISON HEIGHTS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
MELVINDALE	\$3,599.96	\$3,599.96	\$0.00	\$0.00	\$0.00
NEW HAVEN	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
NORTHVILLE	\$2,387.84	\$2,387.84	\$0.00	\$0.00	\$0.00
NORTHVILLE TOWNSHIP	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
NOVI	\$18,340.14	\$18,340.14	\$0.00	\$0.00	\$0.00
OAK PARK	\$7,154.42	\$7,154.42	\$0.00	\$0.00	\$0.00
OAKLAND TOWNSHIP	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ORCHARD LAKE VILLAGE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ORION TOWNSHIP (C-O)	\$4,459.00	\$4,459.00	\$0.00	\$0.00	\$0.00
ORION TOWNSHIP (C-O) ADMIN	\$532.32	\$532.32	\$0.00	\$0.00	\$0.00
OXFORD TOWNSHIP	\$1,088.36	\$1,088.36	\$0.00	\$0.00	\$0.00
OXFORD VILLAGE	\$1,288.56	\$1,288.56	\$0.00	\$0.00	\$0.00
PLEASANT RIDGE	\$280.28	\$280.28	\$0.00	\$0.00	\$0.00
PLYMOUTH	\$3,993.08	\$3,993.08	\$0.00	\$0.00	\$0.00
PLYMOUTH TOWNSHIP	\$140.14	\$140.14	\$0.00	\$0.00	\$0.00
REDFORD TOWNSHIP	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ROCHESTER HILLS	\$19,534.06	\$19,534.06	\$0.00	\$0.00	\$0.00
ROMULUS	\$2,402.40	\$1,601.60	\$800.80	\$0.00	\$0.00
ROSEVILLE	\$15,042.30	\$15,042.30	\$0.00	\$0.00	\$0.00

GLWA Aged Accounts Receivable- IWC ACCOUNTS

Balances as of 11/30/23

Customer Name	Total Due	Current	46 - 74 Days	75 - 104 Days	>105 Days
ROYAL OAK	\$14,003.08	\$14,003.08	\$0.00	\$0.00	\$0.00
ROYAL OAK TOWNSHIP	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
SHELBY TOWNSHIP	\$15,298.92	\$15,298.92	\$0.00	\$0.00	\$0.00
SOUTHFIELD (E-F)	\$29,431.22	\$29,431.22	\$0.00	\$0.00	\$0.00
SOUTHFIELD (SEOC)	\$3,434.34	\$3,434.34	\$0.00	\$0.00	\$0.00
ST. CLAIR SHORES	\$12,388.74	\$12,388.74	\$0.00	\$0.00	\$0.00
STERLING HEIGHTS	\$33,003.88	\$33,003.88	\$0.00	\$0.00	\$0.00
TROY (E-F)	\$393.12	\$393.12	\$0.00	\$0.00	\$0.00
TROY (SEOC)	\$38,924.34	\$38,924.34	\$0.00	\$0.00	\$0.00
UTICA	\$3,126.76	\$3,126.76	\$0.00	\$0.00	\$0.00
VAN BUREN TOWNSHIP	\$4,899.44	\$4,899.44	\$0.00	\$0.00	\$0.00
VILLAGE OF FRANKLIN	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
VILLAGE OF LAKE ORION	\$1,645.28	\$1,645.28	\$0.00	\$0.00	\$0.00
WASHINGTON TOWNSHIP	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
WATERFORD TOWNSHIP DPW	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
WATERFORD TOWNSHIP DPW (ADMI	\$3,281.01	\$3,281.01	\$0.00	\$0.00	\$0.00
WAYNE	\$5,137.86	\$5,137.86	\$0.00	\$0.00	\$0.00
WEST BLOOMFIELD TWP (C-O)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
WEST BLOOMFIELD TWP (E-F)	\$6,201.71	\$6,201.71	\$0.00	\$0.00	\$0.00
WEST BLOOMFIELD TWP. (C-O) A	\$241.32	\$241.32	\$0.00	\$0.00	\$0.00
WESTLAND	\$23,559.90	\$23,559.90	\$0.00	\$0.00	\$0.00

GLWA Aged Accounts Receivable- IWC ACCOUNTS

Balances as of 11/30/23

Customer Name	Total Due	Current	46 - 74 Days	75 - 104 Days	>105 Days
TOTAL IWC ACCOUNTS	\$2,359,825.34	\$477,053.87	\$9,038.12	\$3,963.96	\$1,869,769.39

GLWA Aged Accounts Receivable- POLLUTANT SURCHARGE ACCOUNTS

Balances as of 11/30/23

Customer Name	Total Due	Current	46 - 74 Days	75 - 104 Days	>105 Days
3M COMPANY (MINNESOTA MINING	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
A & R PACKING CO., LLC	\$1,862.03	\$1,862.03	\$0.00	\$0.00	\$0.00
AACTRON	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ACADEMY PACKING CO.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ACME RUSTPROOF	\$75.05	\$75.05	\$0.00	\$0.00	\$0.00
ADORING PET FUNERAL HOME	\$81.01	\$81.01	\$0.00	\$0.00	\$0.00
ADVANCE ENGINEERING COMPANY	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
AEVITAS SPECIALITY SERVICES	\$687.24	\$687.24	\$0.00	\$0.00	\$0.00
ALEXANDER & HORNING	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ALEXANDER & HORNING	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ALL CHEM CORP, LLC.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ALPHA STAMPING COMPANY	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
AMERICAN WASTE TECH INC.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
AMERITI MANUFACTURING LLC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
AMERITI MFG. CO.	\$9,395.83	\$9,395.83	\$0.00	\$0.00	\$0.00
APPLIED TECHNOLOGY INDUSTRIE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ATWATER IN THE PARK	\$10.96	\$10.96	\$0.00	\$0.00	\$0.00
AUTOMOTIVE FINISH	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
AXLE BREWING COMPANY, LLC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
B & F SEPTIC INC.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
B. NEKTAR MEADERY	\$6.26	\$6.26	\$0.00	\$0.00	\$0.00
BAFFIN BREWING COMPANY	\$127.18	\$127.18	\$0.00	\$0.00	\$0.00
BARON INDUSTRIES	\$ (20.00)	\$0.00	\$0.00	\$ (20.00)	\$0.00

GLWA Aged Accounts Receivable- POLLUTANT SURCHARGE ACCOUNTS

Balances as of 11/30/23

Customer Name	Total Due	Current	46 - 74 Days	75 - 104 Days	>105 Days
BARTZ BAKERY	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
BASTONE BREWERY	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
BATCH BREWING COMPANY	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
BAYS MICHIGAN CORPORATION	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
BEIRUT BAKERY, INC.	\$37.00	\$0.00	\$0.00	\$0.00	\$37.00
BETTER MADE SNACK FOOD	\$18,030.02	\$18,030.02	\$0.00	\$0.00	\$0.00
BLACK LOTUS BREWING CO.	\$61.25	\$0.00	\$0.00	\$0.00	\$61.25
BOZEK'S MARKET	\$ (1,038.80)	\$0.00	\$0.00	\$0.00	\$ (1,038.80)
BREW DETROIT	\$6,215.69	\$6,215.69	\$0.00	\$0.00	\$0.00
BROADWAY MKT CORNED BEEF	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
BROOKS BREWING, LLC.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
BROWN IRON BREWHOUSE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CADILLAC STRAITS BREWING CO.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CANTON BREW WORKS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CAPITOL REPRODUCTIONS	\$4.09	\$1.86	\$0.00	\$2.23	\$0.00
CF BURGER CREAMERY	\$29,342.33	\$29,342.33	\$0.00	\$0.00	\$0.00
CHARTER TOWNSHIP OF CLINTON	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CHIEFTAN COATING, LLC.	\$2,262.08	\$2,262.08	\$0.00	\$0.00	\$0.00
CHILANGO'S BAKERY	\$240.81	\$30.75	\$15.37	\$16.56	\$178.13
CINTAS CORP. - MACOMB TWP.	\$32,280.76	\$32,280.76	\$0.00	\$0.00	\$0.00
CINTAS CORPORATION	\$12,089.59	\$12,089.59	\$0.00	\$0.00	\$0.00
CINTAS CORPORATION	\$4,645.71	\$4,645.71	\$0.00	\$0.00	\$0.00

GLWA Aged Accounts Receivable- POLLUTANT SURCHARGE ACCOUNTS

Balances as of 11/30/23

Customer Name	Total Due	Current	46 - 74 Days	75 - 104 Days	>105 Days
CITY LAUNDRY, INC.	\$6.60	\$6.60	\$0.00	\$0.00	\$0.00
CLASSIC CONTAINER CORP.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CLEAN EARTH OF MICHIGAN, LLC	\$79.82	\$79.82	\$0.00	\$0.00	\$0.00
COCA-COLA REFRESHMENTS USA,	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
COSTCO WHOLESALE STORE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
COSTCO WHOLESALE STORE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
COSTCO WHOLESALE STORE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
COSTCO WHOLESALE STORE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
COUNTRY FRESH DAIRY CO.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CROSS CHEMICAL COMPANY, INC.	\$ (233.79)	\$0.00	\$0.00	\$ (233.79)	\$0.00
DANA CONTAINER, INC.	\$530.16	\$530.16	\$0.00	\$0.00	\$0.00
DARLING INGREDIENTS, INC.	\$5,232.84	\$5,232.84	\$0.00	\$0.00	\$0.00
DAVE'S SAUSAGE FACTORY 2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
DEARBORN BREWING	\$30.71	\$30.71	\$0.00	\$0.00	\$0.00
DEARBORN SAUSAGE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
DEARBORN SAUSAGE CO., INC.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
DETROIT BEER CO.	\$67.06	\$67.06	\$0.00	\$0.00	\$0.00
DETROIT LINEN SERVICE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
DETROIT METRO WC AIRPORT	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
DETROIT RIVERTOWN BREWERY CC	\$463.64	\$463.64	\$0.00	\$0.00	\$0.00
DETROIT SAUSAGES CO INC	\$50.66	\$23.02	\$13.82	\$13.82	\$0.00
DETRONIC INDUSTRIES, INC.	\$49.04	\$49.04	\$0.00	\$0.00	\$0.00
DIFCO LABORATORIES, INC.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

GLWA Aged Accounts Receivable- POLLUTANT SURCHARGE ACCOUNTS

Balances as of 11/30/23

Customer Name	Total Due	Current	46 - 74 Days	75 - 104 Days	>105 Days
DIVERSIFIED CHEM TECH. INC.	\$168.59	\$168.59	\$0.00	\$0.00	\$0.00
DOMESTIC UNIFORM RENTAL	\$5,339.57	\$5,339.57	\$0.00	\$0.00	\$0.00
DOMESTIC UNIFORM RENTAL	\$2,672.22	\$2,672.22	\$0.00	\$0.00	\$0.00
DOWNEY BREWING COMPANY	\$14.51	\$14.49	\$0.00	\$0.00	\$0.02
DUBOIS CHEMICALS, INC.	\$ (93.40)	\$0.00	\$ (93.40)	\$0.00	\$0.00
E & E MANUFACTURING CO, PLAN	\$299.57	\$205.06	\$94.51	\$0.00	\$0.00
E & E MANUFACTURING CO, PLAN	\$104.03	\$104.03	\$0.00	\$0.00	\$0.00
E.W. GROBBEL'S SONS, INC.	\$4,753.17	\$4,753.17	\$0.00	\$0.00	\$0.00
EASTERN MARKET BREWING COMP	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ENVIROSOLIDS, L.L.C.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
EQ DETROIT, INC.	\$775.37	\$775.37	\$0.00	\$0.00	\$0.00
EQ DETROIT, INC.	\$1,769.09	\$1,769.09	\$0.00	\$0.00	\$0.00
EQ DETROIT, INC.	\$183.79	\$183.79	\$0.00	\$0.00	\$0.00
EQ DETROIT, INC.	\$ (0.01)	\$0.00	\$0.00	\$0.00	\$ (0.01)
ETON ST BREWERY- GRIFFIN CL	\$1,964.70	\$1,964.70	\$0.00	\$0.00	\$0.00
EXTRUDE HONE CORPORATION	\$175.42	\$175.42	\$0.00	\$0.00	\$0.00
EXTRUDEHODE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
FARMINGTON BREWING COMPANY	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
FAYGO BEVERAGES, INC.	\$5,243.65	\$5,243.65	\$0.00	\$0.00	\$0.00
FITZGERALD FINISHING LLC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
FIVES CINETIC CORP.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
FORD MOTOR CO- STERLING PLAN	\$1,396.40	\$1,396.40	\$0.00	\$0.00	\$0.00

GLWA Aged Accounts Receivable- POLLUTANT SURCHARGE ACCOUNTS

Balances as of 11/30/23

Customer Name	Total Due	Current	46 - 74 Days	75 - 104 Days	>105 Days
FORD NEW MODEL PROGRAM	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
FOUNDERS BREWING COMPANY	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
FRESH-PAK	\$263.64	\$263.64	\$0.00	\$0.00	\$0.00
FRESH-PAK	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
GENERAL LINEN SUPPLY CO.	\$4,205.07	\$4,205.07	\$0.00	\$0.00	\$0.00
GENERAL MOTORS, LLC ROMULUS	\$1,598.95	\$1,598.95	\$0.00	\$0.00	\$0.00
GLOBAL TITANIUM, INC.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
GRANITE CITY FOOD & BREWERY	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
GRANITE CITY FOOD & BREWERY	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
GRANITE CITY FOOD & BREWERY	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
GREAT BARABOO BREWING CO.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
HACIENDA MEXICAN FOODS	\$8.88	\$8.88	\$0.00	\$0.00	\$0.00
HACIENDA MEXICAN FOODS	\$929.73	\$929.73	\$0.00	\$0.00	\$0.00
HENKEL CORPORATION	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
HENRY FORD MACOMB HOSPITAL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
HOME STYLE FOOD INC.	\$5,016.12	\$2,893.50	\$1,265.33	\$857.29	\$0.00
HEMIGROWN BREWING COMPANY	\$44.18	\$44.18	\$0.00	\$0.00	\$0.00
HOODS CLEANERS	\$211.33	\$0.00	\$0.00	\$0.00	\$211.33
HUNTINGTON CLEANERS	\$178.78	\$178.78	\$0.00	\$0.00	\$0.00
IDP, INC.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
INDUSTRIAL METAL COATING	\$266.26	\$153.90	\$112.36	\$0.00	\$0.00
INTRASTATE DISTRIBUTORS	\$1,323.65	\$1,323.65	\$0.00	\$0.00	\$0.00
ISLAMIC SLAUGHTER HOUSE	\$228.89	\$228.89	\$0.00	\$0.00	\$0.00

GLWA Aged Accounts Receivable- POLLUTANT SURCHARGE ACCOUNTS

Balances as of 11/30/23

Customer Name	Total Due	Current	46 - 74 Days	75 - 104 Days	>105 Days
ITALIAN BUTTER BREAD STICKS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
JAMEX BREWING CO.	\$24.66	\$24.66	\$0.00	\$0.00	\$0.00
JELD-WEN, INC.	\$650.61	\$650.61	\$0.00	\$0.00	\$0.00
KAR NUT PRODUCTS	\$2,354.49	\$2,354.49	\$0.00	\$0.00	\$0.00
KOWALSKI SAUSAGES, CO.	\$1,921.28	\$1,288.65	\$632.63	\$0.00	\$0.00
KUHNHENN BREWING	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
LA MICHOACANA FLOUR TORTILLA	\$330.66	\$330.66	\$0.00	\$0.00	\$0.00
LA MICHOACANA FLOUR TORTILLA	\$44.80	\$44.80	\$0.00	\$0.00	\$0.00
LEAR CORPORATION DBA EAGLE C	\$297.99	\$297.99	\$0.00	\$0.00	\$0.00
LIBERTY STREET PROD. BREWERY	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
LILY'S SEAFOOD GRILL & BREWE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
LIQUID ENVIRONMENTAL OF ILLI	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
LIQUID ENVIRONMENTAL SOLUTIC	\$(487.47)	\$0.00	\$0.00	\$0.00	\$(487.47)
MACDERMID, INC.	\$479.05	\$479.05	\$0.00	\$0.00	\$0.00
MCCLURE'S PICKLES	\$606.16	\$606.16	\$0.00	\$0.00	\$0.00
MCGEAN CHEMICALS	\$124.20	\$124.20	\$0.00	\$0.00	\$0.00
MCNICHOLS POLISHING & ANODIZ	\$(31.54)	\$0.00	\$0.00	\$0.00	\$(31.54)
MELLO MEATS INC, - KUBISCH S	\$69.06	\$69.06	\$0.00	\$0.00	\$0.00
METROPOLITAN BAKERY	\$1,485.39	\$989.87	\$495.52	\$0.00	\$0.00
MIBA HYDRAMECHANICA CORP.	\$1,130.19	\$730.04	\$400.15	\$0.00	\$0.00
MICHIGAN DAIRY	\$90,074.29	\$90,074.29	\$0.00	\$0.00	\$0.00
MICHIGAN PROD. MACHINING	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

GLWA Aged Accounts Receivable- POLLUTANT SURCHARGE ACCOUNTS

Balances as of 11/30/23

Customer Name	Total Due	Current	46 - 74 Days	75 - 104 Days	>105 Days
MICHIGAN SOY PRODUCTS CO.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
MIDWEST WIRE PRODUCTS, INC.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
MILANO BAKERY	\$41.51	\$41.51	\$0.00	\$0.00	\$0.00
MILTON CHILI CO.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
MINNIE MARIE BAKERS, INC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
MISTER UNIFORM & MAT RENTALS	\$ (5.70)	\$0.00	\$0.00	\$0.00	\$ (5.70)
MOTOR CITY BREWING WORKS	\$109.60	\$109.60	\$0.00	\$0.00	\$0.00
NATIONAL CHILI COMPANY	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
NATIONAL CHILI COMPANY	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
NATIONAL CHILI COMPANY	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ND INDUSTRIES, INC.	\$897.36	\$897.36	\$0.00	\$0.00	\$0.00
NEAPCO DRIVELINES	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
NORTH CENTER BREWING COMPANY	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
NORTHERN LAKES SEAFOOD & MEAT	\$112.21	\$112.21	\$0.00	\$0.00	\$0.00
OAKWOOD BAKERY	\$10.37	\$10.37	\$0.00	\$0.00	\$0.00
OLIVER HATCH CONSTRUCTION	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
PARKEDALE PHARMACEUTICALS/PF	\$197.92	\$197.92	\$0.00	\$0.00	\$0.00
PARKER'S HILLTOP BREWER & SE	\$61.51	\$61.51	\$0.00	\$0.00	\$0.00
PELLERITO FOODS INC.	\$46.14	\$46.14	\$0.00	\$0.00	\$0.00
PEPSI COLA, INC.	\$5,631.71	\$5,631.71	\$0.00	\$0.00	\$0.00
PERDUE PREMIUM MEAT COMPANY	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
PERDUE PREMIUM MEAT COMPANY	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
PERDUE PREMIUM MEAT COMPANY	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

GLWA Aged Accounts Receivable- POLLUTANT SURCHARGE ACCOUNTS

Balances as of 11/30/23

Customer Name	Total Due	Current	46 - 74 Days	75 - 104 Days	>105 Days
PERSONAL UNIFORM SERVICE, IN	\$ (18.19)	\$0.00	\$0.00	\$0.00	\$ (18.19)
PETRO ENVIRON TECH, INC.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
PINE TREE ACRES, INC.	\$20,356.60	\$20,356.60	\$0.00	\$0.00	\$0.00
PLATING SPEC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
POWER VAC OF MICHIGAN, INC.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
PREMIER PLATING, LLC	\$533.61	\$533.61	\$0.00	\$0.00	\$0.00
PREMIER PLATING- STERLING HE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
PRODUCTION SPRING, LLC.	\$269.79	\$269.79	\$0.00	\$0.00	\$0.00
QUAKER HOUGHTON - PLANT #2	\$135.90	\$135.90	\$0.00	\$0.00	\$0.00
QUAKER HOUGHTON - PLANT #2	\$ (379.52)	\$0.00	\$0.00	\$0.00	\$ (379.52)
QUAKER HOUGHTON - PLANT #2	\$671.58	\$671.58	\$0.00	\$0.00	\$0.00
QUALA SERVICES, LLC	\$29.30	\$29.30	\$0.00	\$0.00	\$0.00
RAY'S ICE CREAM CO.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
RED SPOT PAINT #409139	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
RIVER ROUGE BREWING COMPANY	\$440.60	\$0.00	\$0.00	\$0.00	\$440.60
ROAK BREWING CO. LLC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ROCHESTER MILLS BEER COMPANY	\$140.36	\$140.36	\$0.00	\$0.00	\$0.00
ROCHESTER MILLS PROD BREWERY	\$4,178.79	\$723.64	\$0.00	\$0.00	\$3,455.15
ROYAL OAK BREWERY	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
RTT	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
SEAFARE FOODS, INC.	\$241.07	\$125.87	\$115.20	\$0.00	\$0.00
SHERWOOD BREWING COMPANY	\$38.36	\$38.36	\$0.00	\$0.00	\$0.00

GLWA Aged Accounts Receivable- POLLUTANT SURCHARGE ACCOUNTS

Balances as of 11/30/23

Customer Name	Total Due	Current	46 - 74 Days	75 - 104 Days	>105 Days
SMITH-WATKINS, LLC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
SPRAYTEK INC.- MADISON HEIGHTS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
SPRAYTEK, INC.	\$14.52	\$0.00	\$0.00	\$0.00	\$14.52
SUPERNATURAL SPIRITS & BREWERY	\$24.15	\$24.15	\$0.00	\$0.00	\$0.00
SWEETHEART BAKERY, INC.	\$760.59	\$129.20	\$77.95	\$77.95	\$475.49
THE CROWN GROUP-LIVONIA PLANT	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
THE DEBURRING COMPANY	\$ (15.23)	\$0.00	\$0.00	\$0.00	\$ (15.23)
THERMO FISHER SCIENTIFIC	\$24,805.48	\$24,805.48	\$0.00	\$0.00	\$0.00
TOM LAUNDRY CLEANERS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TRAFFIC JAM & SNUG	\$ (31.16)	\$0.00	\$0.00	\$0.00	\$ (31.16)
TURRI'S ITALIAN FOODS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TURRI'S ITALIAN FOODS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
U-METCO, INC.	\$145.26	\$145.26	\$0.00	\$0.00	\$0.00
UNCLE RAYS SNACKS, LLC	\$26,474.19	\$26,474.19	\$0.00	\$0.00	\$0.00
UNCLE RAYS SNACKS, LLC	\$1,510.29	\$1,510.29	\$0.00	\$0.00	\$0.00
UNIQUE LINEN SERVICES, INC.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
UNITED FISH DISTRIBUTORS	\$0.61	\$0.61	\$0.00	\$0.00	\$0.00
UNITED LINEN SERVICE, LLC.	\$318.53	\$318.53	\$0.00	\$0.00	\$0.00
UNITED MEAT & DELI	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
URBANREST BREWING COMPANY	\$109.76	\$109.76	\$0.00	\$0.00	\$0.00
US ECOLOGY MICHIGAN	\$941.76	\$941.76	\$0.00	\$0.00	\$0.00
US ECOLOGY ROMULUS, INC.	\$889.80	\$889.80	\$0.00	\$0.00	\$0.00
USHER OIL SERVICES	\$228.29	\$228.29	\$0.00	\$0.00	\$0.00

GLWA Aged Accounts Receivable- POLLUTANT SURCHARGE ACCOUNTS

Balances as of 11/30/23

Customer Name	Total Due	Current	46 - 74 Days	75 - 104 Days	>105 Days
VALICOR ENVIROMENTAL SERVICE	\$616.96	\$616.96	\$0.00	\$0.00	\$0.00
VALICOR ENVIRONMENTAL SERVIC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
VAUGHAN INDUSTRIES, INC.	\$32.67	\$32.67	\$0.00	\$0.00	\$0.00
VERNDALE PRODUCTS	\$8,598.33	\$8,598.33	\$0.00	\$0.00	\$0.00
VERNDALE PRODUCTS, INC.	\$296.26	\$296.26	\$0.00	\$0.00	\$0.00
WIGLEY'S MEAT PROCESS	\$658.30	\$446.54	\$211.76	\$0.00	\$0.00
WINTER SAUSAGE MFG. CO.	\$329.06	\$329.06	\$0.00	\$0.00	\$0.00
WINTER SAUSAGE MFG. CO.	\$168.05	\$168.05	\$0.00	\$0.00	\$0.00
WOLVERINE PACKING CO	\$1,810.45	\$1,810.45	\$0.00	\$0.00	\$0.00
WOLVERINE PACKING CO.	\$2,034.78	\$2,034.78	\$0.00	\$0.00	\$0.00
WOLVERINE PACKING CO., PLANT	\$8,601.76	\$8,601.76	\$0.00	\$0.00	\$0.00
WOODWARD AVENUE BREWERS	\$144.24	\$0.00	\$0.00	\$0.00	\$144.24
X-R-I TESTING	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL POLLUTANT SURCHARGE ACCOUNTS	\$373,997.38	\$366,932.01	\$3,341.20	\$714.06	\$3,010.11

City of Highland Park Billings and Collections

	<u>Water</u>	<u>Sewer</u>	<u>IWC</u>	<u>Cumulative Total</u>
June 30, 2012 Balance	\$ -	\$ 10,207,956	\$ 852,987	\$ 11,060,943
FY 2013 Billings	485,887	4,987,635	154,444	5,627,966
FY 2013 Payments	<u>(65,652)</u>	<u>(2,206,211)</u>	<u>-</u>	<u>(2,271,863)</u>
June 30, 2013 Balance	\$ 420,235	\$ 12,989,380	\$ 1,007,431	\$ 14,417,046
FY 2014 Billings	1,004,357	6,980,442	161,951	8,146,750
FY 2014 Payments	<u>-</u>	<u>(1,612,633)</u>	<u>-</u>	<u>(1,612,633)</u>
June 30, 2014 Balance	\$ 1,424,592	\$ 18,357,189	\$ 1,169,382	\$ 20,951,163
FY 2015 Billings	1,008,032	5,553,123	165,739	6,726,894
FY 2015 Payments	<u>-</u>	<u>(1,444,623)</u>	<u>-</u>	<u>(1,444,623)</u>
June 30, 2015 Balance	\$ 2,432,625	\$ 22,465,689	\$ 1,335,121	\$ 26,233,435
FY 2016 Billings	1,157,178	5,612,167	106,431	6,875,776
FY 2016 Payments	<u>-</u>	<u>(2,022,335)</u>	<u>-</u>	<u>(2,022,335)</u>
June 30, 2016 Balance	\$ 3,589,803	\$ 26,055,521	\$ 1,441,551	\$ 31,086,875
FY 2017 Billings	1,245,267	5,802,000	101,999	7,149,265
FY 2017 Payments	<u>-</u>	<u>(2,309,186)</u>	<u>-</u>	<u>(2,309,186)</u>
June 30, 2017 Balance	\$ 4,835,070	\$ 29,548,335	\$ 1,543,550	\$ 35,926,954
FY 2018 Billings	1,277,179	5,657,101	80,472	7,014,752
FY 2018 Payments	<u>-</u>	<u>(4,108,108)</u>	<u>-</u>	<u>(4,108,108)</u>
June 30, 2018 Balance	\$ 6,112,248	\$ 31,097,327	\$ 1,624,022	\$ 38,833,597
FY 2019 Billings	1,238,797	5,617,100	51,220	6,907,117
FY 2019 Payments	<u>-</u>	<u>(5,241,583)</u>	<u>-</u>	<u>(5,241,583)</u>
June 30, 2019 Balance	\$ 7,351,045	\$ 31,472,844	\$ 1,675,243	\$ 40,499,132
FY 2020 Billings	1,182,639	5,665,400	47,097	6,895,136
FY 2020 Payments	<u>-</u>	<u>(3,026,117)</u>	<u>-</u>	<u>(3,026,117)</u>
June 30, 2020 Balance	\$ 8,533,684	\$ 34,112,127	\$ 1,722,340	\$ 44,368,151
FY 2021 Billings	1,185,506	5,702,000	47,423	6,934,929
FY 2021 Payments	<u>-</u>	<u>(2,783,552)</u>	<u>-</u>	<u>(2,783,552)</u>
June 30, 2021 Balance	9,719,190	37,030,575	1,769,763	48,519,528
FY 2022 Billings	1,222,260	5,389,300	48,322	6,659,882
FY 2022 Payments	<u>-</u>	<u>(1,788,828)</u>	<u>-</u>	<u>(1,788,828)</u>
June 30, 2022 Balance	\$ 10,941,450	\$ 40,631,047	\$ 1,818,085	\$ 53,390,582
FY 2023 Billings	1,254,157	5,415,100	47,779	6,717,035
FY 2023 Payments	<u>(126,000)</u>	<u>(5,748,903)</u>	<u>-</u>	<u>(5,874,903)</u>
June 30, 2023 Balance	\$ 12,069,607	\$ 40,297,243	\$ 1,865,863	\$ 54,232,714
FY 2024 Billings (5 Months)	564,493	2,290,000	19,889	2,874,382
FY 2024 Payments (5 Months)	<u>-</u>	<u>(2,125,217)</u>	<u>-</u>	<u>(2,125,217)</u>
Balance as of November 30, 2023	<u>\$ 12,634,100</u>	<u>\$ 40,462,026</u>	<u>\$ 1,885,752</u>	<u>\$ 54,981,878</u>

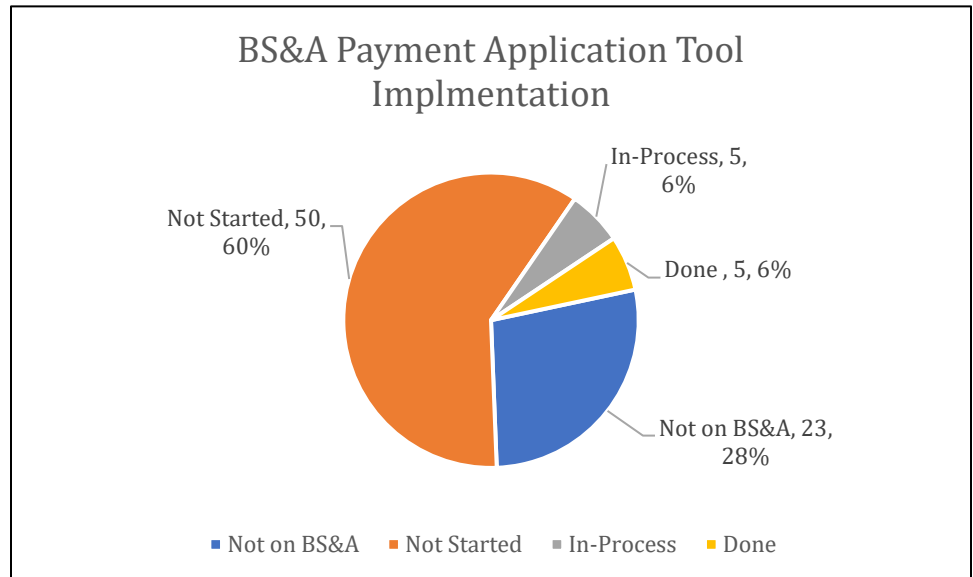


Financial Services
Audit Committee Communication
 Affordability & Assistance Update
 February 26, 2024

Contact: Haran Stanley, Affordability & Assistance Management Professional

Dashboard – Implementation of BS&A Payment Application WRAP Outreach

Water Residential Assistance Program (WRAP) Service Delivery Partners continue to roll out the new BS&A payment application tool with our Member Partners. The desired outcome of this effort is to streamline the application of WRAP payments to the client's utility account while reducing the administrative burden on our Member Partners' staff.



Key Initiatives

1. In-process – Convert legacy monthly statements of expenses from myriad formats to create a “WRAP Database” to support effective program management
2. In-process – WRAP commitment forecasting model for Service Delivery Partners
3. In-process – WRAP program manual and Frequently Asked Questions documents
4. In-process – Engage in statewide conversations with stakeholders and leaders related to water affordability matters in Michigan
5. In-process – Recruitment for vacant Affordability & Assistance Manager position
6. Discovery Phase – Develop a grant seeking proposal package to seek additional sources of funding
7. Discovery Phase – Electronic data extraction from Service Delivery Partner systems to create a comprehensive database
8. Final stage – WRAP toll-free phone number for residents to contact their Service Delivery Partner.



Financial Services Audit Committee Communication

Date: February 26, 2024

To: Great Lakes Water Authority Audit Committee

From: Nick Simms, Grants Management Professional

Re: Grants, Gifts, and Other Resources Report Through January 31, 2024

Background: The Great Lakes Water Authority (GLWA) delegated authority to the Chief Executive Officer to oversee and report on activities identified in the GLWA Articles of Incorporation related to solicitation and receipt of grants, gifts, and other resources ⁽¹⁾ as stated in Article 4 – Powers, Section B (4):

(4) Solicit, receive, and accept gifts, grants, labor, loans, contributions of money, property, or other things of value, and other aid or payment from any federal, state, local, or intergovernmental government agency or from any other person or entity, public or private, upon terms and conditions acceptable to the Authority, or participate in any other way in a federal, state, local, or intergovernmental government program⁽²⁾.

(1) Other resources as referenced above refer to labor, contributions of money, property, or other things of value from any other person or entity, public or private with the exception for loans, subject to provisions of the GLWA Board Debt Management Policy, and Intergovernmental agreements and other activities that are addressed in the GLWA Board Procurement Policy.

(2) Participation in any other way in a federal, state local, or intergovernmental government program includes participation in research projects at universities.

GLWA's Grants, Gifts, and Other Resources Delegation Policy is online at [Grants, Gifts, and Other Resources Delegation Policy - GLWA \(glwater.org\)](https://www.glwawa.org/Grants-Gifts-and-Other-Resources-Delegation-Policy).

Analysis: To ensure transparency and timely communication, this report is provided to the Board, no less than quarterly, documenting activities subject to the policy. The report will, at a minimum, include description, type of activity, dollar amount, compliance and/or performance requirements, if any, and status including, at a minimum, solicitation, acceptance, and close-out.

This report has been updated to align section titles with the grant lifecycle as found in best practice guidance and in the Workday system currently being implemented at GLWA. The grants lifecycle refers to the process required to secure, administer, and close out grant activity. These steps are broken down in three major phases: pre-award, award, and post award.

The **pre-award** phase includes the process of applying for a grant and the period prior to the signing of the grant agreement between the awarding agency and GLWA.

The **award phase** reflects the period after the agreement is executed with the awarding agency. In this phase, GLWA becomes responsible for meeting the administrative, financial, and programmatic reporting requirements of the award.

The **post award** phase is the final stage of grant activity and includes final reporting requirements, auditing, and closeout. There are final financial and programmatic reports that must be submitted to formally close out the grant as defined in each grant agreement.

The tables in each section of this report now reflect GLWA grant activity in each phase. As a grant moves through this lifecycle, it will be updated in the appropriate section of the report.

Items highlighted in yellow in the attached tables reflect changes from the prior report.

Highlights of this report through January 31, 2024, includes the following.

- ✓ **FEMA Project-Scoping Application** – The Proposed Dedicated Microgrid for Critical Pump Station Resiliency for the location on Jefferson Ave (CIP # 232002). Application was reviewed by Michigan State Police and the complete application was submitted to the Federal Emergency Management Agency on January 19, 2024.
- ✓ **PA 53 ARPA Grant** – The Financial Status Report (FSR) was completed for the \$25M ARPA grant funds, and Tasks 1-6 invoices and documentation were sent to our Representative from the State of MI for Review on January 10, 2024.
- ✓ This report presents the Grants, Gifts, and Other Resources across three tables.

Table 1 – Pre-Award Programs reflects open submissions for FY 2023 and FY 2024 to date. The summarized activity provided identifies nine FEMA Flood projects, one application submission, two letters of intent to support and collaborate with other entities, two letters of intent to apply by GLWA, two EPA Community Grants, and the I-94 Modernization Project grant which is in the National Environmental Policy Act (NEPA) process to identify any environmental impacts related to the grant activities

Table 2 - Awarded Programs reflects all awarded grants from FY 2021 through FY 2024. Current month summarized activity below includes one State Revolving Fund

American Rescue Plan Act Funding program in which there has been no disbursement activity to date, three award receipts related to local nonprofit apprenticeship grants, an American Rescue Plan Clean Water Infrastructure grant through the State of Michigan, and the Department of Energy grant in which only expenses related to the GLWA cost share have been accounted for to date.

Table 3 – Post Award Programs there is no current activity as of January 31, 2024, for Post Award Programs. Funds related to these programs have been received in full and the programs are in the process of being closed out, including any closeout reporting requirements.



Financial Services Audit Committee Communication

Table 1 – Pre-Award Programs reflects open submissions for FY 2023 and FY 2024 to date. The Programs listed under this section do not have a grant agreement between the awarding agency and GLWA at this time, but the grant has been applied to or earmarked. The summarized activity provided identifies nine FEMA Flood projects, one application submission, two letters of intent to support and collaborate with other entities, two letters of intents to apply by GLWA, two EPA Community Grants, and the I-94 Modernization Project grant which is in the National Environmental Policy Act (NEPA) process to identify any environmental impacts related to the grant activities.

Table 1 – Pre-Award Programs

Reference Number	Request Date	Program Description	Type of Activity	Amount to be Provided	Compliance and/or Performance Requirements	Status
2023-002	7/1/2022	FY2022 Environmental Protection Agency Community Grant – Detroit River Interceptor	Federal Grant (Reimbursement Basis)	\$2,000,000 (20% Cost Share)	Federal Audit Requirements	Earmark
2023-003	7/1/2023	FY2023 Environmental Protection Agency Community Grant – PFAS Compounds remediations project	Federal Grant (Reimbursement Basis)	\$3,452,972 (20% Cost Share)	Federal Audit Requirements	Earmark
2023-012	4/4/2023	Federal Emergency Management Agency (FEMA), June 25-26 Flood, DR-4607 Project 660110 – Obligated \$319,911 Fairview PS	Federal pass-through State (Reimbursement Basis)	\$319,911	Federal Audit Requirements	Funds are obligated but have not been received
2023-009	4/4/2023	Federal Emergency Management Agency (FEMA), June 25-26 Flood, DR-4607 Project 660133 – Obligated \$80,129 Puritan Fenkell CSO	Federal pass-through State (Reimbursement Basis)	\$80,129	Federal Audit Requirements	Funds are obligated but have not been received

Reference Number	Request Date	Program Description	Type of Activity	Amount to be Provided	Compliance and/or Performance Requirements	Status
2023-010	4/11/2023	Federal Emergency Management Agency (FEMA), June 25-26 Flood, DR-4607 Project 660118 – Obligated \$180,000 WRRF	Federal pass-through State (Reimbursement Basis)	\$180,000	Federal Audit Requirements	Funds are obligated but have not been received
2023-011	8/30/2022	Federal Emergency Management Agency (FEMA), June 25-26 Flood, DR-4607 Project 668672– Obligated \$43,031 System Wide Emergency Protective Measures	Federal pass-through State (Reimbursement Basis)	\$43,031	Federal Audit Requirements	Funds are obligated but have not been received
2023-018		Federal Emergency Management Agency (FEMA), June 25-26 Flood, DR-4607 Project 673958 Detroit River Interceptor	Federal pass-through State (Reimbursement Basis)	\$529,731	Federal Audit Requirements	Grant Amount is Estimated
2023-013		Federal Emergency Management Agency (FEMA), June 25-26 Flood, DR-4607 Project 714729 Outfalls	Federal pass-through State (Reimbursement Basis)	\$1,332,235	Federal Audit Requirements	Grant Amount is Estimated
2023-022		Federal Emergency Management Agency (FEMA), June 25-26 Flood, DR-4607 Project 660745 Conner Creek Sewer System	Federal Grant (Reimbursement Basis)	\$8,888,277	Federal Audit Requirements	Grant Amount is Estimated
2023-014		Federal Emergency Management Agency (FEMA), June 25-26 Flood, DR-4607 Project 664811 East Side Sewers	Federal pass-through State (Reimbursement Basis)	\$3,566,407	Federal Audit Requirements	Grant Amount is Estimated

Reference Number	Request Date	Program Description	Type of Activity	Amount to be Provided	Compliance and/or Performance Requirements	Status
2023-015		Federal Emergency Management Agency (FEMA), June 25-26 Flood, DR-4607 Project 670521 CAT-Z – Allocation of Management Costs	Federal pass-through State (Reimbursement Basis)	\$50,000	Federal Audit Requirements	Grant Amount is Estimated
2024-001	8/30/2023	NFWF Coastal Resilience Challenge	Letter of Intent by University of Michigan	Unknown at this time	Unknown at this time	Grant Amount is Estimated
2024-002	8/30/2023	NOAA Climate Resilience Regional Challenge	Letter of Intent by University of Michigan	Min \$25,000,000	Unknown at this time	Grant Amount is Estimated
2024-003	10/30/2023	Workforce Development Opportunity Grant	Application Submitted by GLWA	\$1,800,000	Federal Audit Requirements	Grant Amount is Estimated and dependent on number of applicants EPA receives
2024-004	11/15/2023	Climate Pollution Reduction Grants Program	Letter of Intent to Apply by GLWA	\$500,000,000	Federal Audit Requirements	Grant Amount is Estimated
2024-005	12/15/2023	Fiscal Year 2023 Building Resilient Infrastructure and Communities (BRIC) Project Scoping	Michigan State Police Application Submitted by GLWA	\$856,000	Federal Audit Requirements	Grant Amount is Estimated
2023-023	8/30/2023	I-94 Modernization Project	MDOT Federal pass-through State (Reimbursement Basis)	\$34,400,000	Federal Audit Requirements	NEPA Review with the State of Michigan

Table 2 Awarded Programs reflects all awarded grants from FY 2021 through FY 2024. These Projects have been awarded by the agency listed and an agreement is in place. Each grant is in process including compliance checks for all required administrative, financial, and programmatic requirements. Current month summarized activity below includes one State Revolving Fund American Rescue Plan Act Funding program in which there has been no disbursement activity to date, three award receipts related to local nonprofit apprenticeship grants, an American Rescue Plan Clean Water Infrastructure grant through the State of Michigan, and the Department of Energy grant in which only expenses related to the GLWA cost share have been accounted for to date.

Table 2 – Awarded Programs

Reference Number	Request Date	Program Description	Type of Activity	Grant Amount	Compliance and/or Performance Requirements	Status
2022-004	2/23/2022	Water Technician Registered Apprenticeship Program- \$2,225 per apprentice, 25 apprentices	Macomb Community College Tuition (Nonprofit)	\$55,625	None	Ongoing No activity as of date for FY 2024
2021-012	9/21/2021	Michigan Industrial Cluster Approach (MICA 3.0) Apprenticeship Program - \$1,000 per apprentice, 45 apprentices	Focus Hope (Nonprofit)	\$45,000	None	Ongoing No activity as of date for FY 2024
2024-003	7/7/2023	Detroit Employment Solutions Corporation (DESC) Apprentices \$5,000 per apprentice; 9 apprentices	Detroit At Work (Nonprofit)	\$45,000	None	\$25,000 received in the month of August
2023-005	4/1/2023	Department Of Energy – Hydrothermal Liquefaction Project	Federal Grant (Reimbursement Basis)	\$1,000,000	Federal Audit Requirements	Awarded Ongoing
2023-017	08/30/2023	American Rescue Plan PA-53 Clean Water Infrastructure Improvements	Federal pass-through State (Reimbursement Basis)	\$25,000,000	Federal Audit Requirements	Supplemental Budget Appropriation

Reference Number	Request Date	Program Description	Type of Activity	Grant Amount	Compliance and/or Performance Requirements	Status
2023-019	3/3/2021	American Rescue Plan – State Revolving Fund (ARP) Funded Project 7532-02 96 Inch Water Transmission Main Relocation Phase 2 EGLE	Federal pass-through State (Reimbursement Basis)	\$16,057,500	Federal Audit Requirements	No disbursement requests submitted to date

Table 3 – Post Award Programs there is no current activity as of January 31, 2024, for Post Award Programs. Funds related to these programs have been received in full and the programs are in the process of being closed out, including any closeout reporting requirements.

Proposed Action: Receive and file this report.



Financial Services Audit Committee Communication

Date: February 26, 2024

To: Great Lakes Water Authority Audit Committee

From: Michael Lasley, Procurement Manager

Re: Annual Conflict of Interest & Disclosure Update

Background: Every year, the GLWA Procurement Team collects the Conflict of Interest (COI) and Disclosure Form from all GLWA Team Members and GLWA Board Members who participate in the GLWA procurement process. This process helps to ensure that all individuals involved in the procurement process are free from any real or perceived conflicts of interest that could be viewed as adversely affecting their judgement, objectivity, or fiduciary responsibility to GLWA and the public. This process documents GLWA's commitment to the public trust by enforcing and promoting fair, ethical, and financially sound procurement practices.

The Procurement Team starts preparing the Conflict of Interest and Disclosure Form and related materials, including a full list of all GLWA Vendors, in October of each year and distributes a compliance request to GLWA Team Members and the GLWA Board of Directors in November. Completed forms are required by December 31 each year and reporting is completed by January of the following year.

Analysis: Conflict of Interest forms were distributed to GLWA Team Members and the GLWA Board of Directors on November 20, 2023. Completed COI forms were due back to Procurement by December 31, 2023. The following table provides a summary report of the most recent compliance results as of December 31, 2023.

GLWA Conflict of Interest Reporting Data as of December 31, 2023	
Conflict of Interest Forms sent to GLWA Team Members	320
Conflict of Interest Forms signed and returned to Procurement	316
Percent Complete	99%*
Conflicts reported by GLWA Team Members	7

**Due to medical leaves, we were unable to attain 100% completion of the COI forms.*

A conflict of interest occurs when an individual's personal interests (including family, friendship, financial, or other social factor) could compromise his or her judgement in

relationship to their role and position at GLWA. Each identified conflict of interest is reported to the Chief Financial Officer (CFO) and the Chief Administrative and Compliance Officer.

In addition, for each solicitation, every evaluator must also sign an “Ethics and Confidentiality Agreement” accepting GLWA’s “The Way We Work Conflict of Interest Policy.” This will ensure that no Team Member with a Conflict of Interest is overlooked.

Proposed Action: Receive and file this report.



Financial Services Audit Committee Communication

Date: February 26, 2024

To: Great Lakes Water Authority Audit Committee

From: Michael Lasley, Procurement Manager

Re: GLWA Vendor Outreach Event – Post Event Report

Background: On September 25, 2023, GLWA hosted its first in-person Vendor Outreach Event since the COVID-19 pandemic at the Laurel Manor Conference Center in Livonia. Vendors attended two general sessions featuring presentations by GLWA Leadership Team Members. General sessions were followed by four breakout sessions for Construction, Consulting, Information Technology and Enterprise-Wide Services, and Vendor Networking that were facilitated by GLWA Team Members. In addition, a Resource Room was provided where vendors met one-on-one with representatives of the Detroit Water and Sewerage Department (DWSD), Accounts Payable, Procurement, Business Inclusion and Diversity (B.I.D.), and Bonfire among others.

Analysis: Attached is the 2023 Vendor Outreach Event Post Event Report. This document includes the evaluation results received from attending Vendors as well as recommendations for future GLWA outreach events. Below are the key takeaways:

1. **Attendance:** Over 200 firms participated which is the highest number to date at a GLWA Vendor Outreach Event.
2. **Overall Feedback:** We received an overall positive response with 91.43% of attending Vendors rating the event as “Excellent” or “Very Good.”
3. **Online Registration:** An online registration system was utilized for event registration, speaker profiles, pre-event networking, post event presentation dissemination and a post event survey. This tool was very effective and efficient and well received by all.
4. **Lesson Learned:** While three Accounts Payable team members staffed tables in the Resource Room, some Vendor attendees noted that they were not aware of this. The Resource Room was located in a bigger room to allow for greater ease of networking, but it was situated away from the main lobby and therefore difficult to find. In hindsight, a room nearer to the main lobby would have been a better choice.
5. **Opportunity for Future Outreach Events:** Vendors expressed interest in the opportunity to engage with Project Engineers to learn more about upcoming projects.

Proposed Action: Receive and file this report.



GLWA Vendor Outreach Event 2023

September 25, 2023 | Laurel Manor, Livonia, MI

POST EVENT REPORT



OVERVIEW

The following report includes the post-event evaluation and future event recommendations. As identified in our contract it was important that Annie Kruse, LLC (AKLCC) provide event coordination for the GLWA 2023 Vendor Outreach Event, support all meetings and event activities with the assigned GLWA project manager, and prepare for and ensure that the event could be shifted from an in-person event to a virtual event with minimal disruption. It was also important that they deliver a smooth and easy check-in process for attendees. Based on evaluation results and onsite conversations, this deliverable was achieved.

PRE-EVENT SERVICES

- **Provided Marketing Assistance.** Worked with GLWA Staff on various communication pieces important to event promotion that included providing wording for 'Save the Date' notifications, email/web event announcements, and attendee registration confirmation.
- **Recommended and Managed Online Event Registration System.** AKLCC recommended Whova, a conference app that provided an online registration process and online agenda for easy website use that presented a professional and polished look with minimal GLWA staff support. AKLCC provided management for this registration process pre-event and met the goals for a smooth registration process and data collection.
- **Worked with GLWA to develop agendas, handout materials, and other meeting information for posting on the Event App.** Added all details to the Whova event App and supplied GLWA with content to add to their website for event promotion.
- **Worked with event venue on menus, and room set-up for each session, including linens, tables, chairs, and technology needs.** This required two in-person meetings at the venue and phone/email correspondence.
- **Worked with GLWA Staff on timeline to send out email event reminders and promotion.**
- **Coordinated registration desk and materials with an automated system which is integrated with Consultant's registration system.**
- **Attended weekly meetings with GLWA staff to review event details and task lists.**

OVERVIEW

EVENT DAY MANAGEMENT

- Worked with the venue to ensure adherence to expectations for timing, set-up, rooms, food, etc. AKLLC assisted GLWA with a better meeting space layout and room allocation for the event content. Food and AV costs were contained by reducing counts based on experience working with events.
- Provided all necessary staff to greet and process registrants, assist with traffic flow, name tag distribution, etc. efficiently. AKLLC set up the registration process in a way that eliminated bottlenecks, warmly greeting attendees upon arrival with additional onsite staff support. Most attendees had downloaded the Whova Conference App and were prepared to check in with the QR Code. Throughout the event and peak guest arrival times, the registration process was efficient, professional and provided a friendly guest greeting at the beginning and conclusion of the event. Provided onsite badge printing.
- Assisted in the submittal of surveys by participants. AKLLC set up an event survey using surveymonkey.com to gather feedback from event attendees. This link was provided through the event app used for registration and communication.

POST-EVENT SERVICES

- Met with GLWA to debrief immediately following event.
- Reviewed event invoices for accuracy before submittal to GLWA for payment.
- Collected, analyzed, and provided a written summary of the survey results.
- Researched 2024 event locations based on GLWA member areas.

Annie Kruse, LLC appreciates the opportunity to provide our event management services to support the GLWA's Annual Vendor Outreach event.



GLWA Vendor Outreach Event 2023

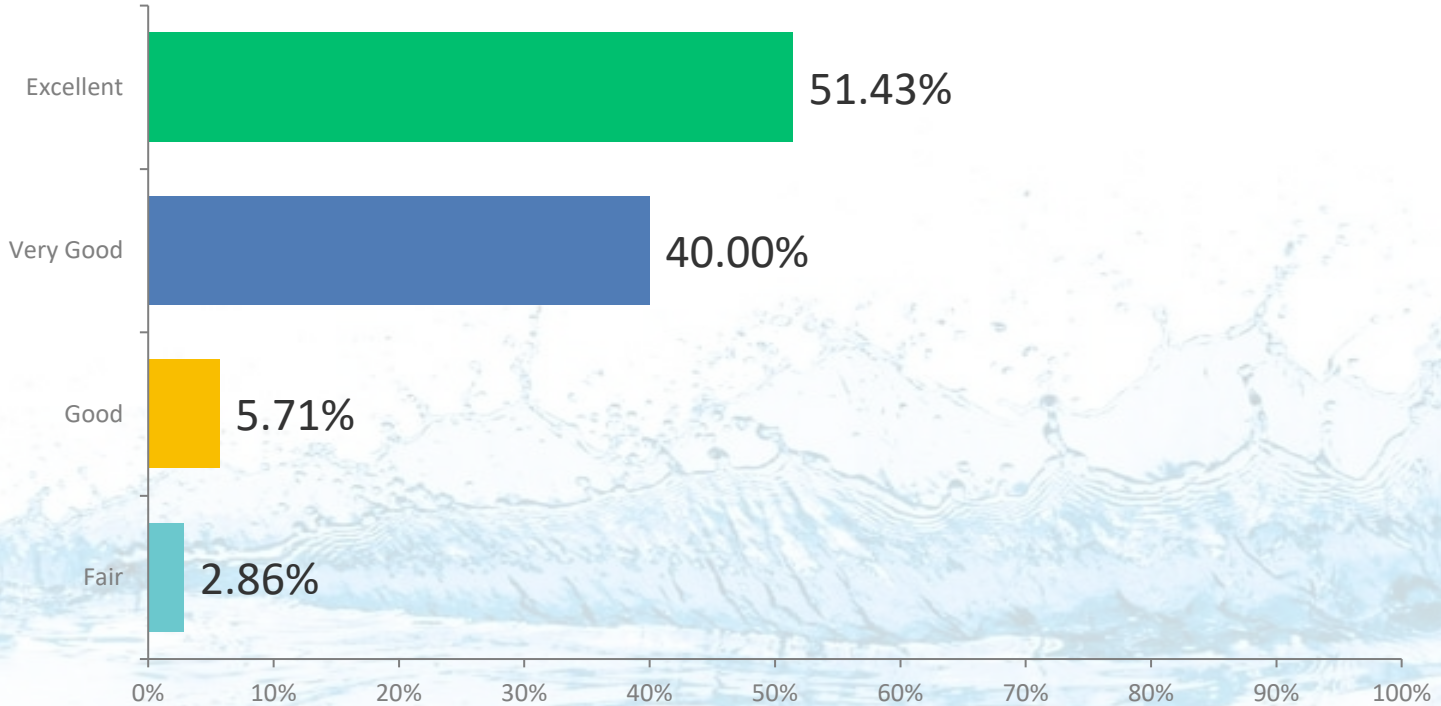
EVALUATIONS RESULTS

36 evaluations received



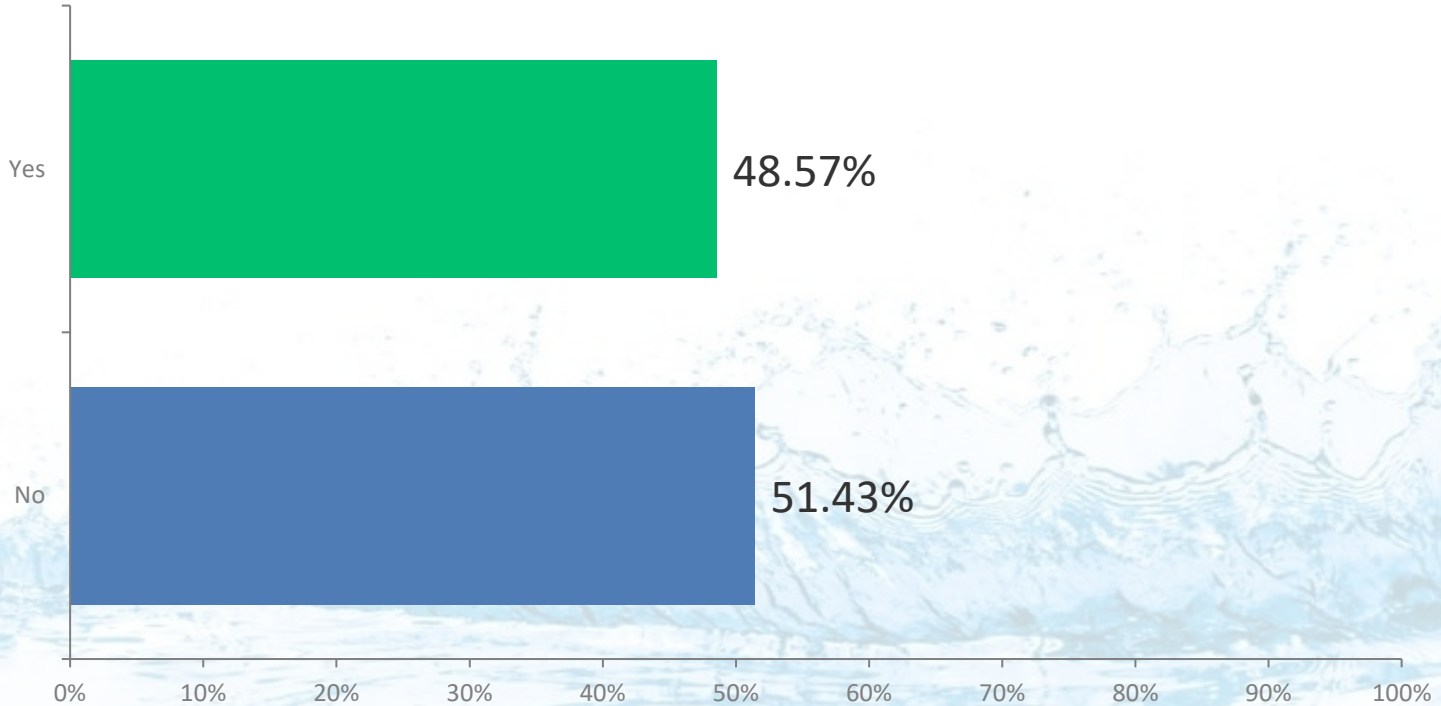
Q1: Overall, how would you rate the GLWA Vendor Outreach event?

Answered: 35 Skipped: 0



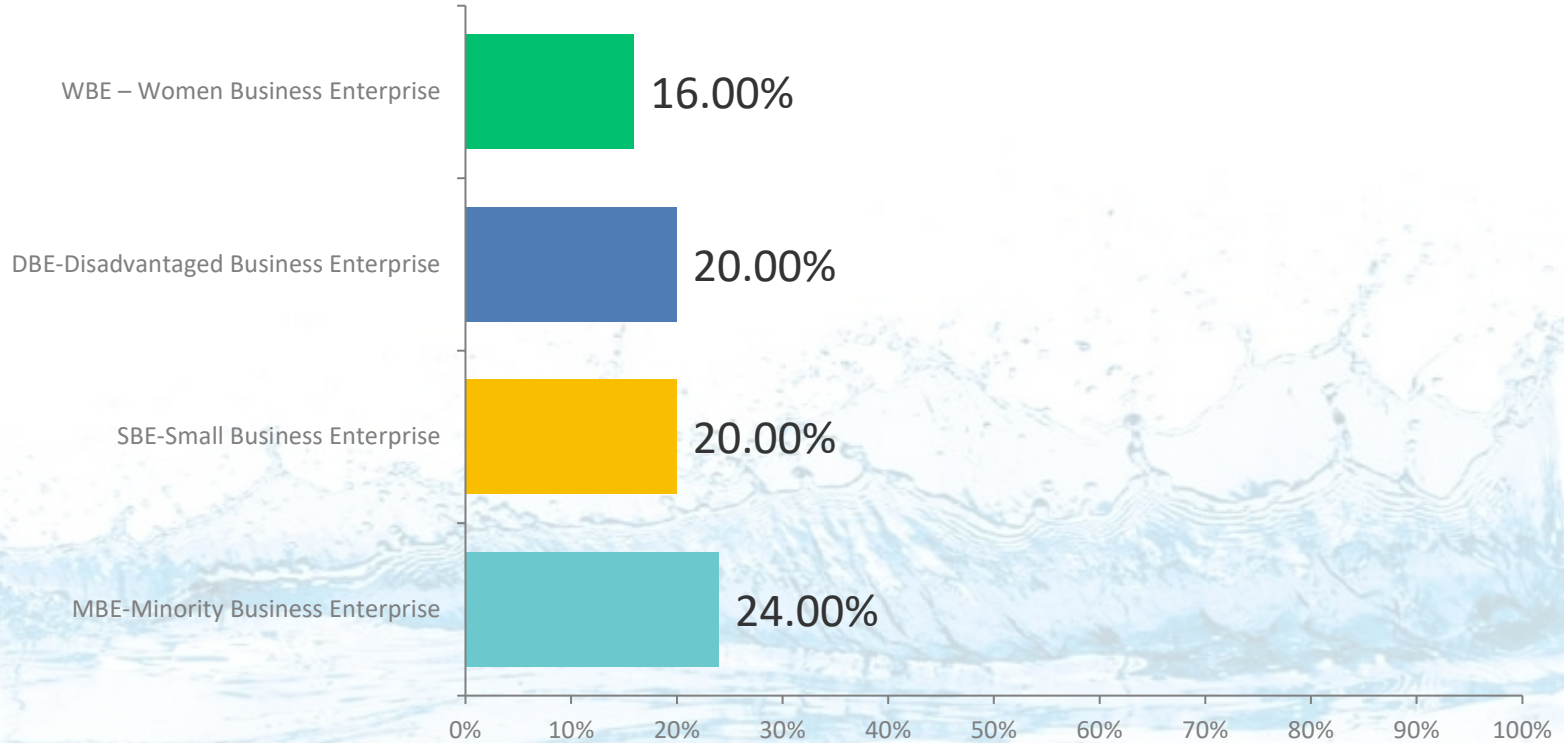
Q2: Was this the first time you attended the GLWA Vendor Outreach event?

Answered: 35 Skipped: 0



Q3: Does your firm hold any of the diversity certifications listed below?

Answered: 25 Skipped: 10



Q4: Please rate the registration process.

Answered: 34 Skipped: 1



	1	2	3	4	5	TOTAL	WEIGHTED AVERAGE
★	0%	0%	2.94%	11.76%	85.29%	34	4.82
	0	0	1	4	29		

Comments:

- **Very easy**
- **Didn't take long to register. Friendly greeters made for a pleasant experience.**
- **Annie Kruse was very helpful**
- **Excellent**

Q5: Please rate the Whova Event App

Answered: 29 Skipped: 6



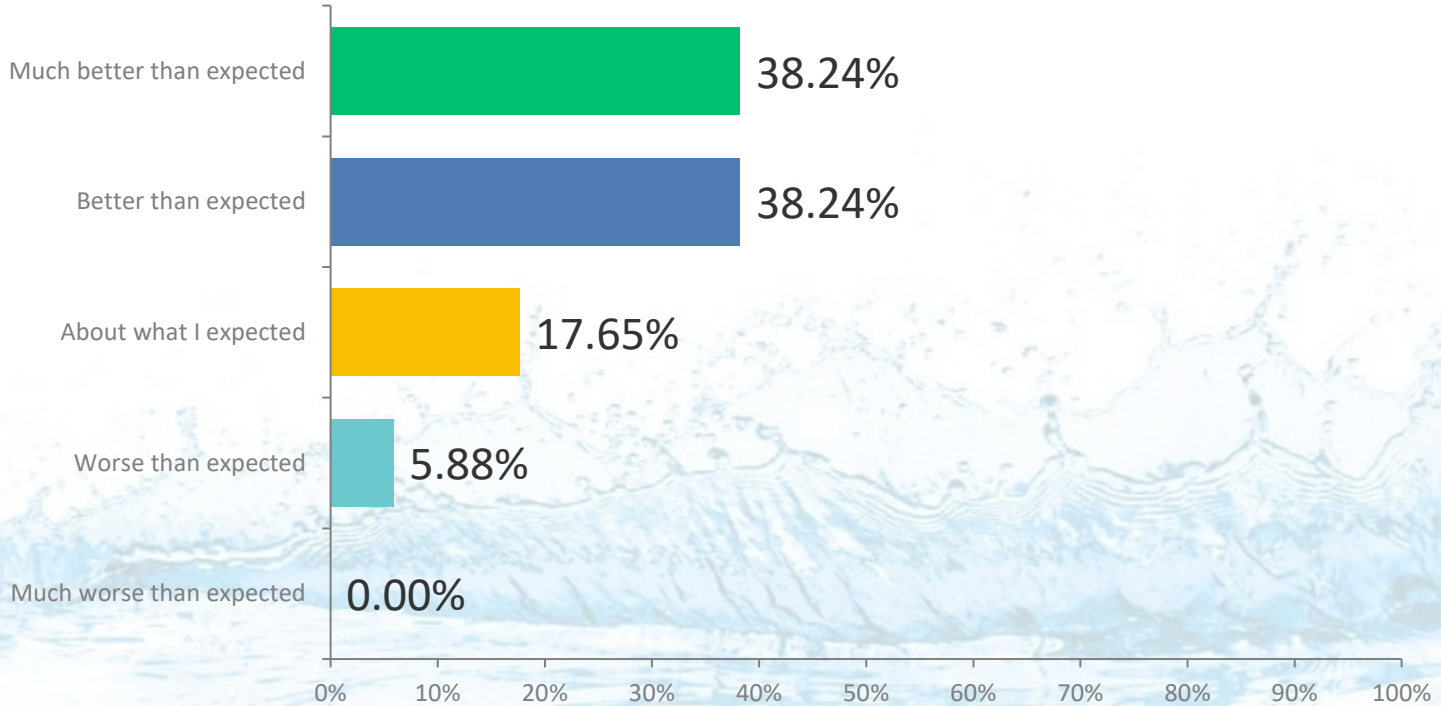
	1	2	3	4	5	TOTAL	WEIGHTED AVERAGE
★	0%	0%	3.45%	24.14%	72.41%	29	4.69
	0	0	1	7	21		

Comments:

- didn't use
- did not download
- The app is nice - but it seems overkill for this type of event. It's not a huge event with lots of breakouts and buildings, rooms, etc.

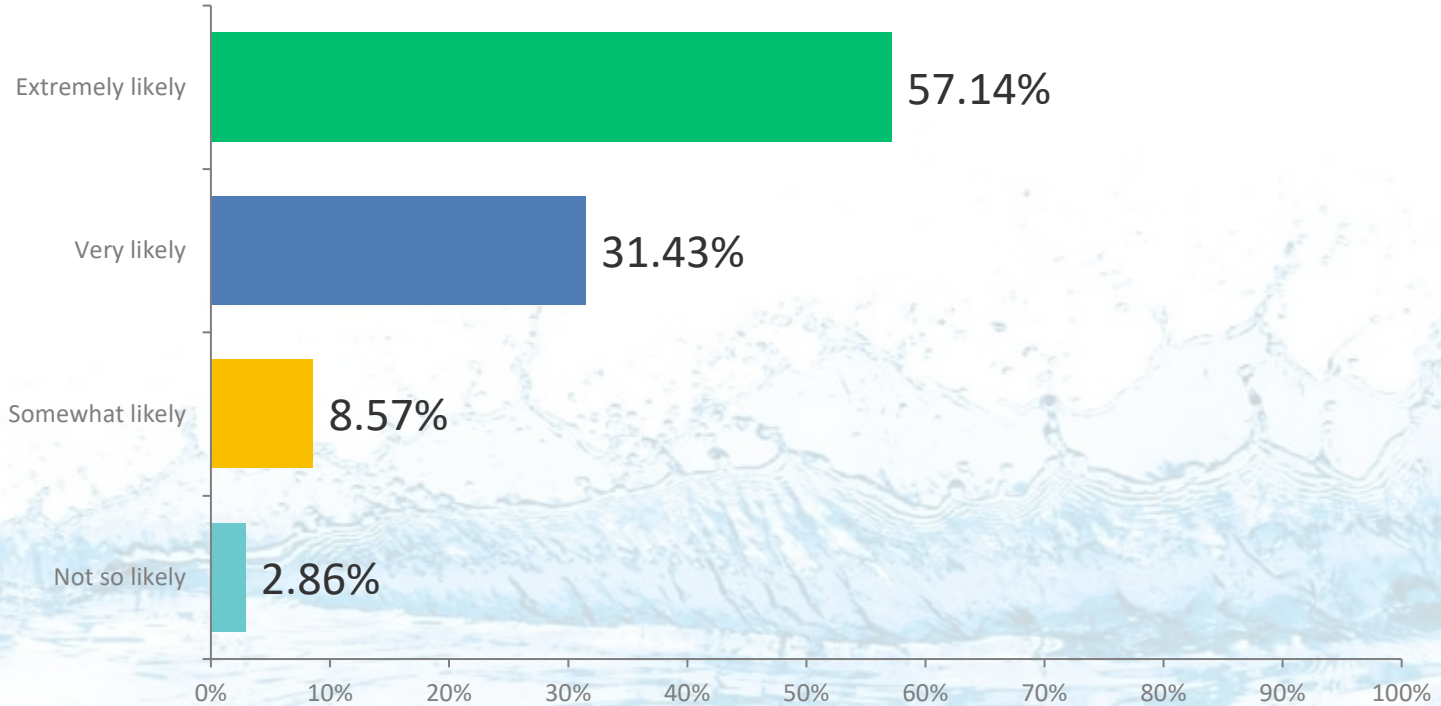
Q6: How well did the Vendor Outreach event meet your expectations?

Answered: 34 Skipped: 1



Q7: Based on your experience at the GLWA Vendor Outreach event, how likely are you to attend future events?

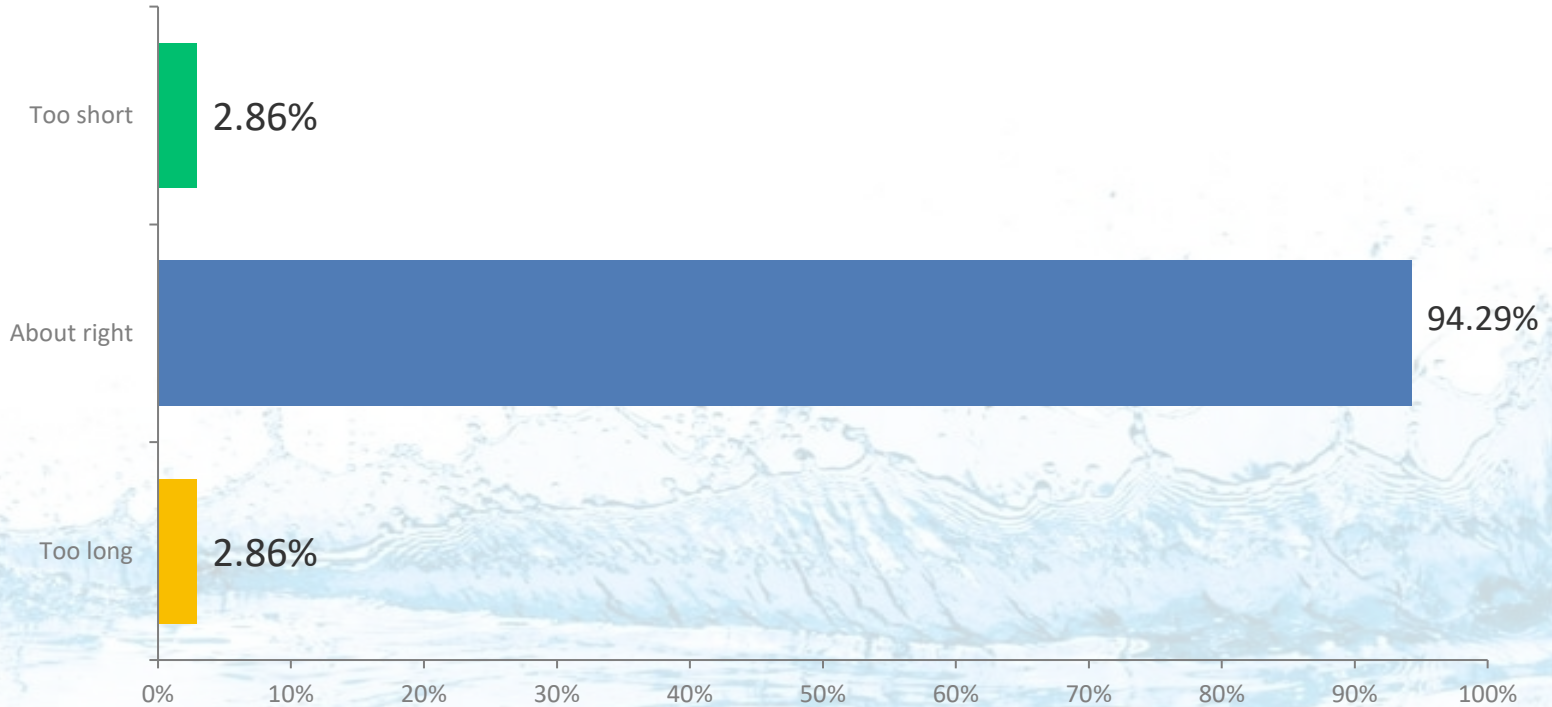
Answered: 35 Skipped: 0



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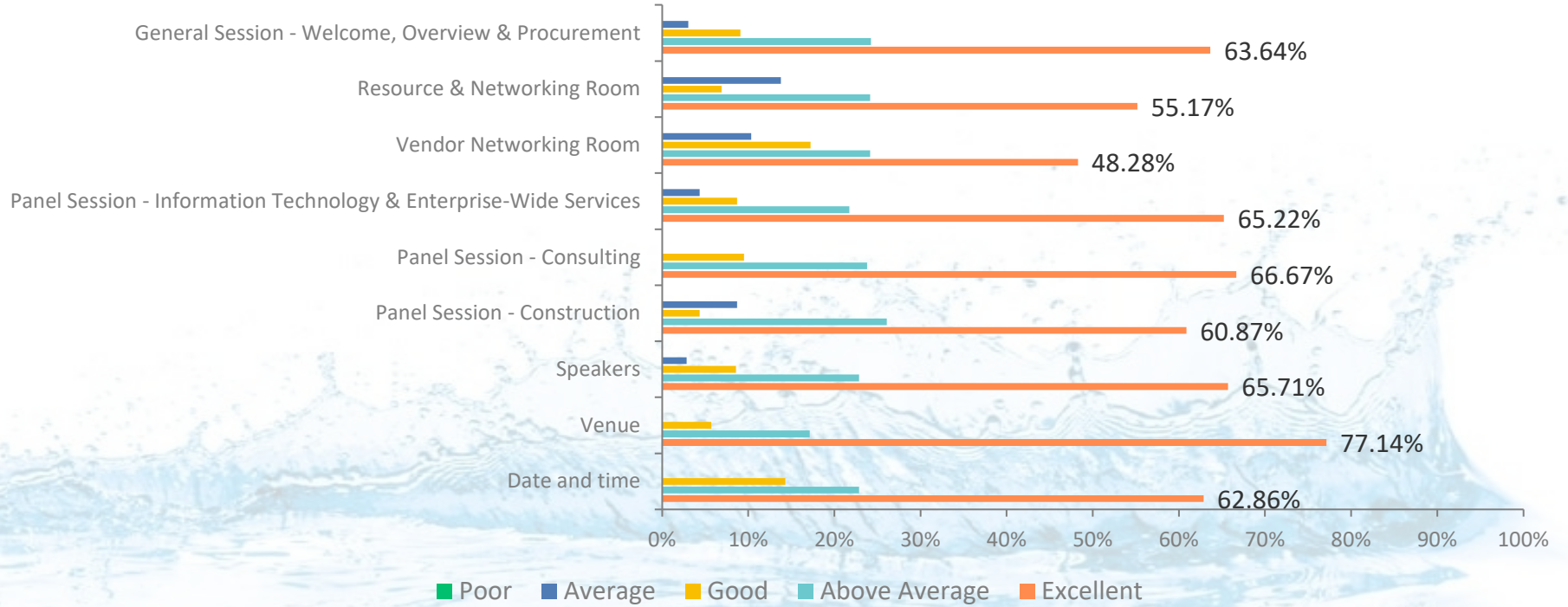
Q8: Do you think the GLWA Vendor Outreach event was too short, about right, or too long?

Answered: 35 Skipped: 0



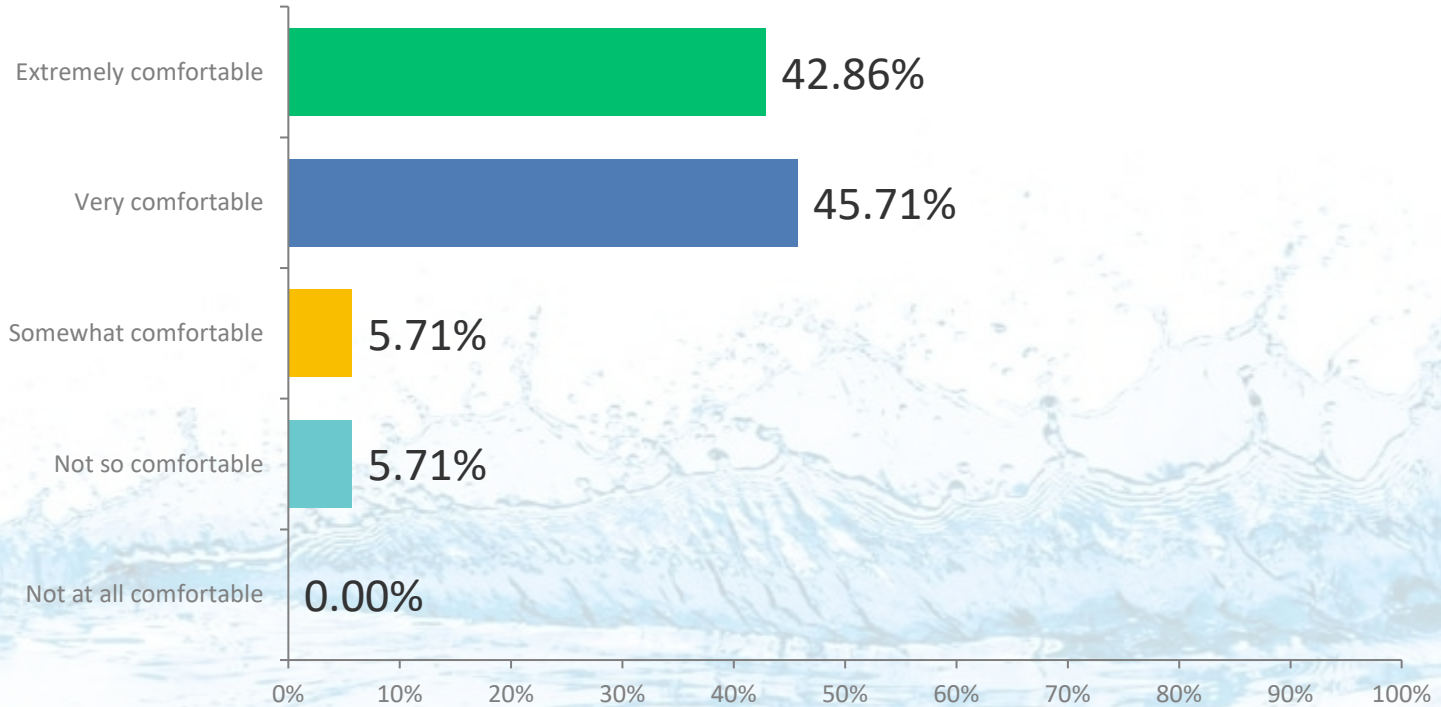
Q9: Please rate the following aspects of the GLWA Vendor Outreach event.

Answered: 35 Skipped: 0



Q10: How comfortable did you feel asking questions at the GLWA Vendor Outreach event?

Answered: 35 Skipped: 0



Q11: What was the single most valuable thing you learned at the GLWA Vendor Outreach event?

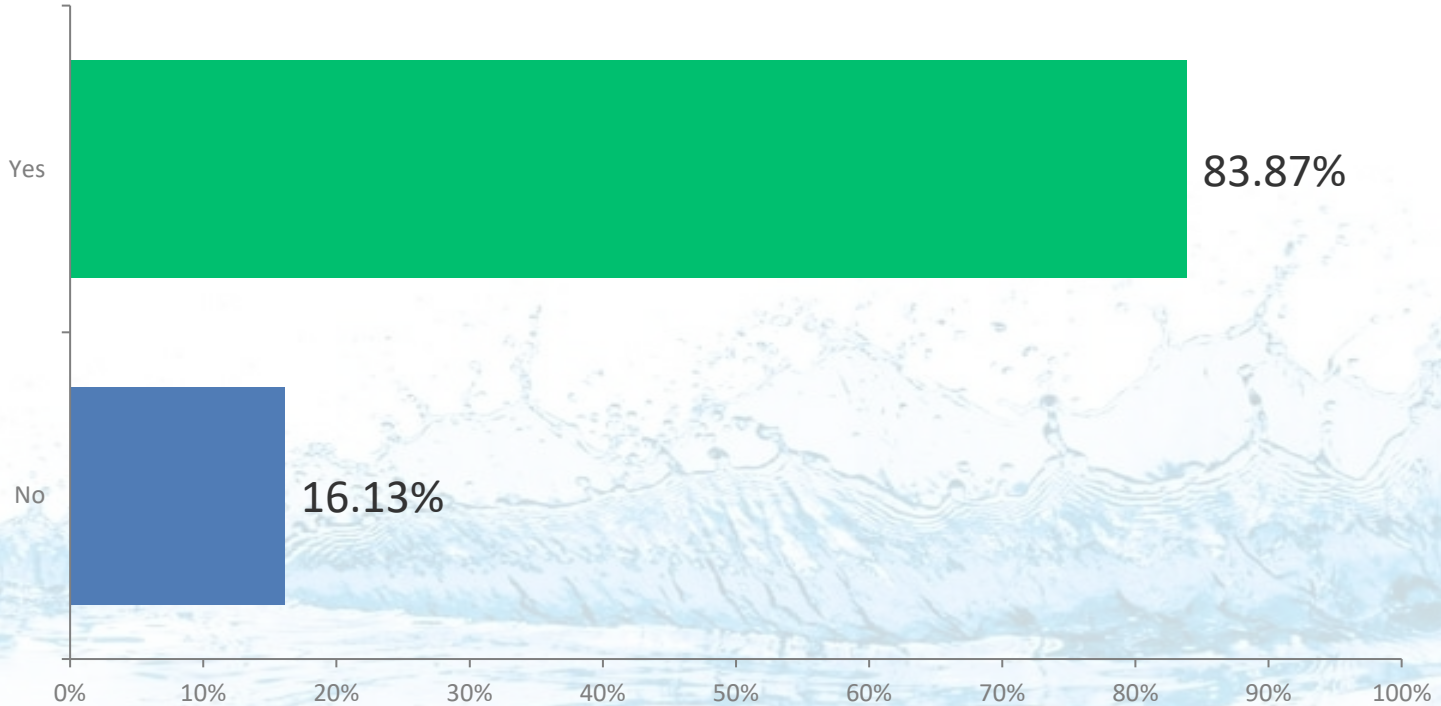
Answered: 35 Skipped: 0

- **Networking**
- **Q&A**
- **We have a great GLWA team.**
- **Met the buyers. Learned the process of bid submission more clearly. Networked with subcontractors and learned more about the GLWA The capital plan for 24-29.**
- **Meeting everyone.**
- **Learning about the org chart at GLWA was valuable.**
- **The vast need for services that my business can provide to the GLWA.**
- **Availability of the GLWA Managers was excellent. Discussion of upcoming opportunities was excellent. Discussion of Procurement procedures was excellent.**
- **Connecting with GLWA vendors.**
- **How the team works together.**
- **That I need to contact PROCUREMENT first.**
- **Opportunities for small businesses.**
- **That you are here to work with us!**
- **The collaboration efforts between GLWA and the vendors were evident.**
- **Much more valuable information about GLWA.**

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Q12: Now knowing more about GLWA, are you more likely to respond to procurement solicitations?

Answered: 31 Skipped: 4



Page 46 Q15: What program changes or topics would you like to see at future events?

Answered: 12 Skipped: 24

- **Bonfire interface, talk about ways to help improve the interface. Lessons learned on large procurements.**
- **Catering to new and emerging businesses in the breakout sessions.**
- **Discussion of Opportunities for local and smaller engineering businesses.**
- **Hear about the service GLWA provides at water and wastewater plants.**
- **I would recommend having representatives from Accounts Payable to understand the process and understand who to talk to and what we can do to ensure timely payments.**
- **Perhaps split the morning portion for companies that have worked with GLWA and those that have not.**
- **More in depth details of the RFQ review process.**
- **More about the actual projects going on now and, in the future,- I felt this was breezed over.**
- **Contractor booths so DBE's can visit us and meet us and get registered in our systems.**
- **Updates to the BID Program as it evolves.**
- **I was satisfied with the topics presented.**
- **Perhaps a little more information on upcoming Capital Projects.**
- **Have Accounts Payable attend.**
- **Technology innovation ingress.**
- **New materials acceptance and processes.**
- **As a supplier, I would like to see more access to meeting the contractors and also...just a clearer understanding on who handles my specific commodities ...but I will find that out lol.**

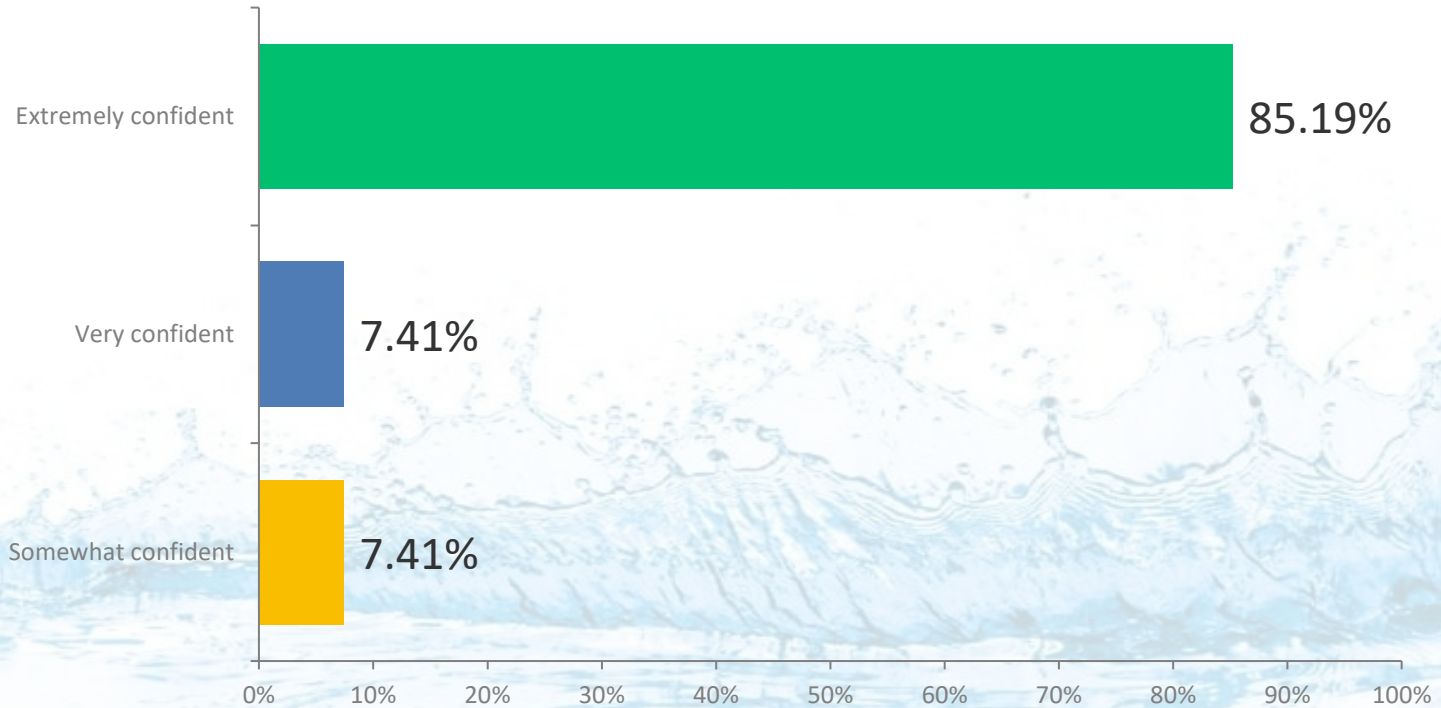
Page 47 Q16: What information would be helpful to you regarding doing business with GLWA?

Answered: 20 Skipped: 16

- **Meet and greet with procurement buyers and the life cycle project managers. We are never allowed to talk to them, so this event is good opportunity. GLWA should understand how the procurement process works for vendors who are involved with CIP projects. The pipeline and CIP accuracy is important to our business plan. And when the pipeline is inaccurate it hurts our ability to plan for prepare to bid large CIP projects.**
- **Nuts and bolts of registration of new business relationships between small specialized businesses with GLWA.**
- **Clarification of the CIP information.**
- **Small business bidding opportunities.**
- **Would like more information on creating opportunities for our company to bid on GLWA.**
- **lots of talk on how to register and that GLWA wants to do business with companies - but yet there is nothing to know if we want to do business with them - not enough on why and what is coming down the pipeline that would peak my interest except to keep an eye on the portal.**
- **Payment process.**
- **The online information is sufficient.**
- **How to qualify as a small business.**
- **How do I get a new product accepted.**
- **Understand who my commodity buyers are.**
- **Capital plan.**

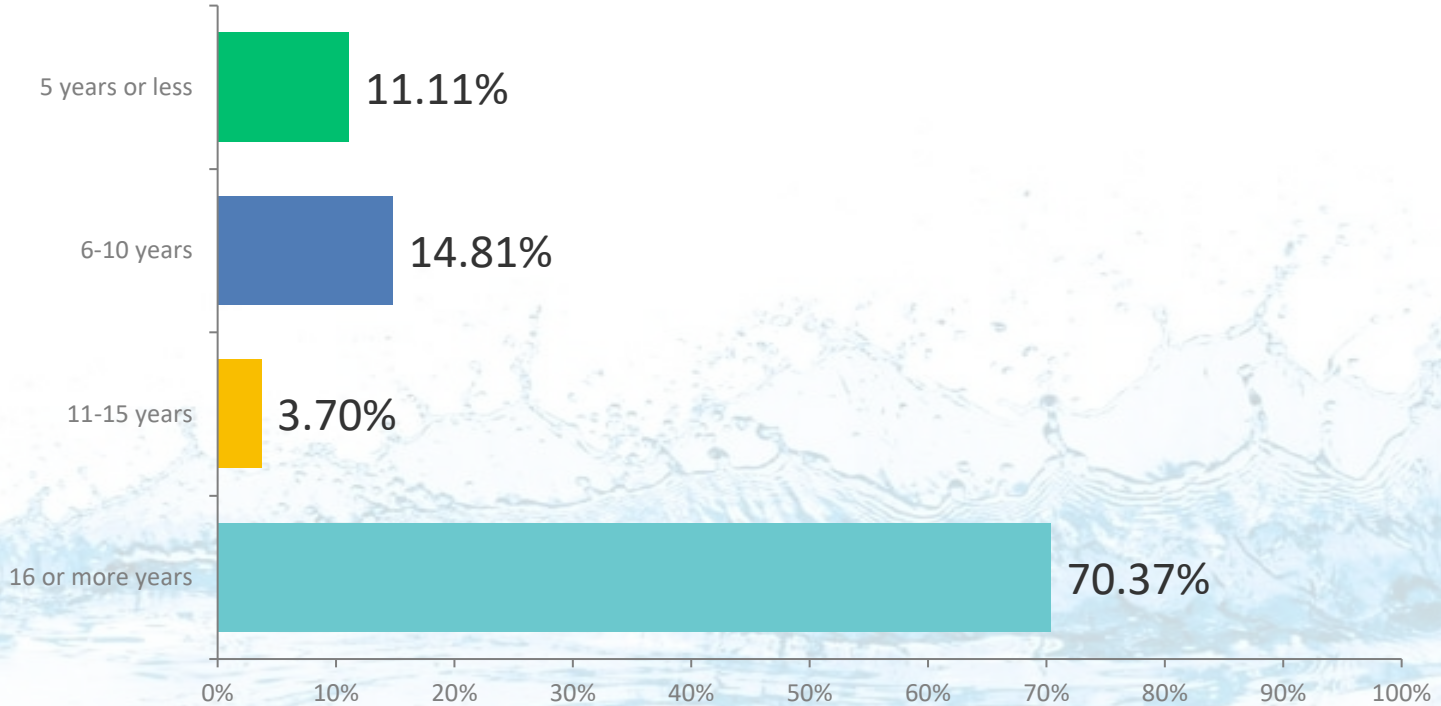
Q17: How confident are you that your company can do business with GLWA?

Answered: 27 Skipped: 8



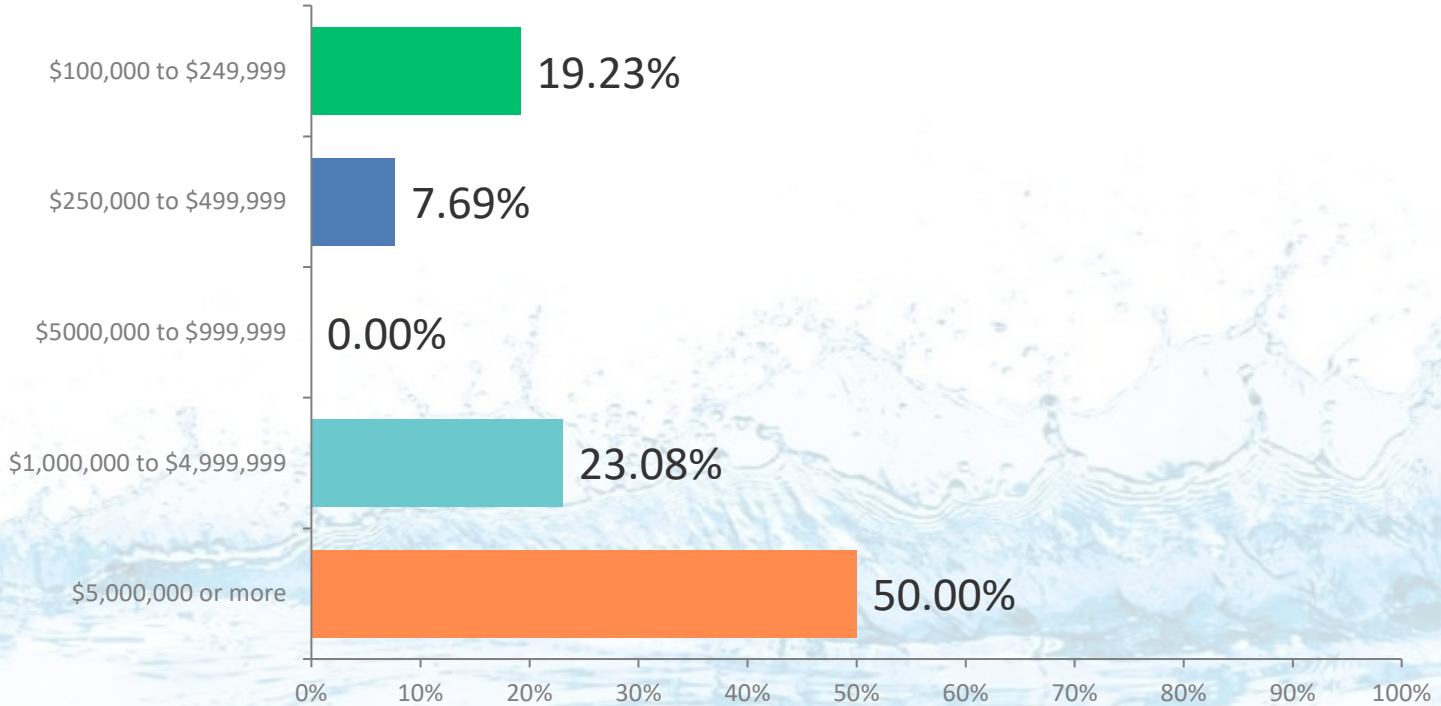
Q18: How long has your company been in business?

Answered: 27 Skipped: 8



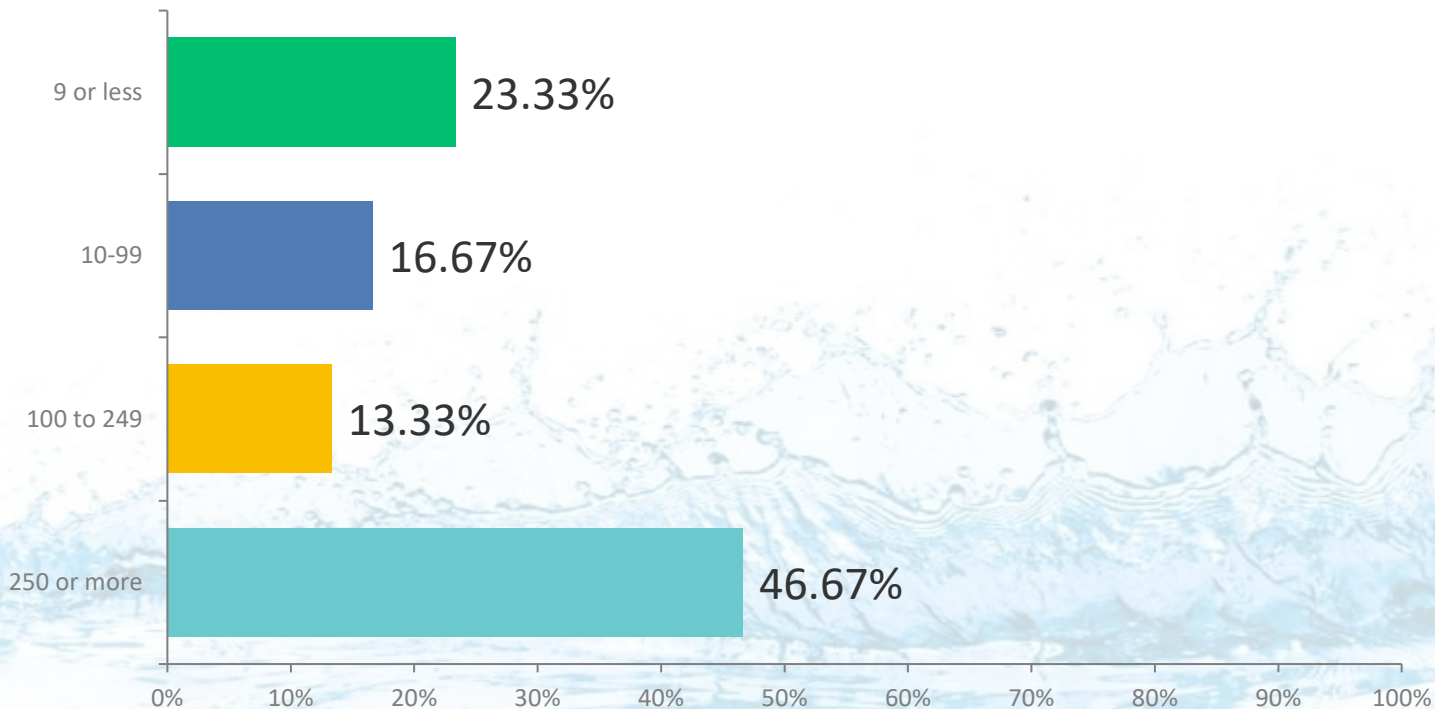
Q19: What is the approximate annual revenue for your company last year?

Answered: 26 Skipped: 9



Q20. How many people are employed at your company (i.e., full-time employees or 1099 contractors)?

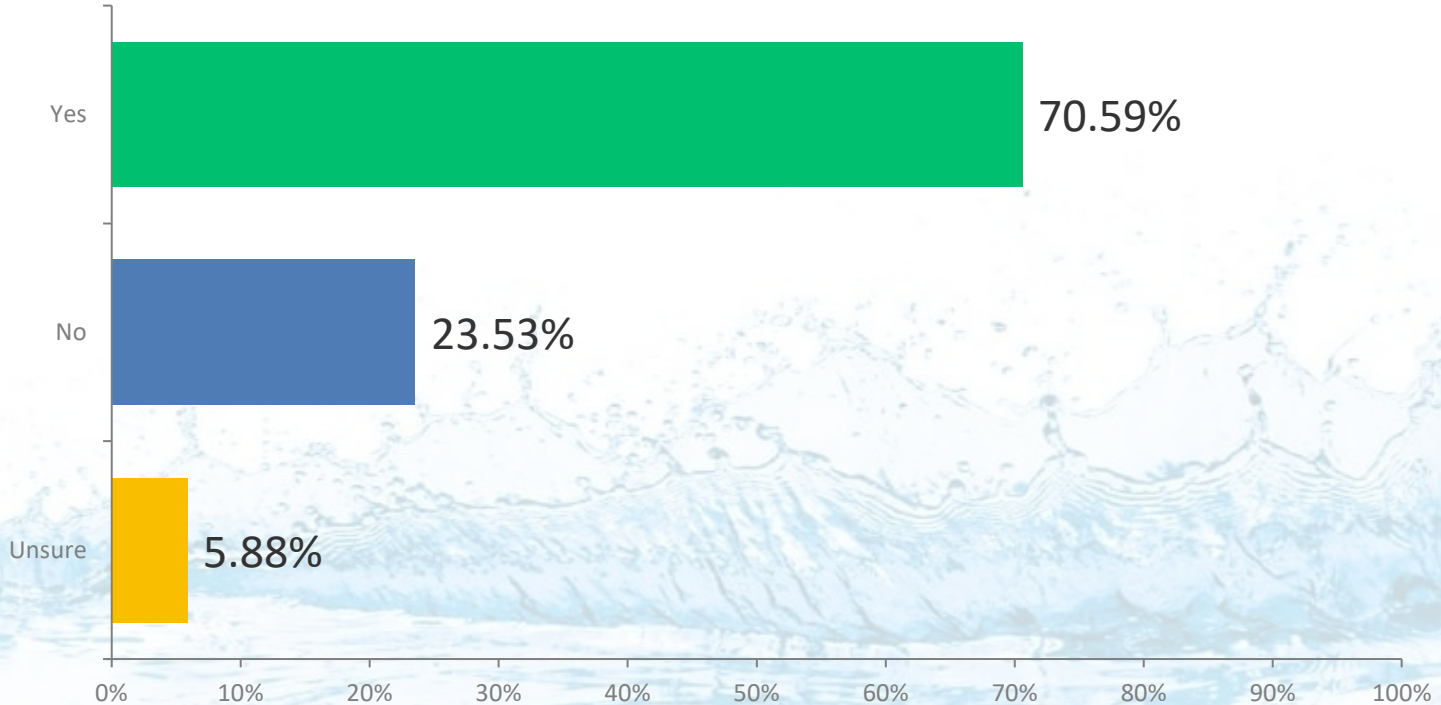
Answered: 30 Skipped: 5



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Q21: Do you currently receive the monthly GLWA Procurement Pipeline newsletter?

Answered: 34 Skipped: 1



STATS & RECOMMENDATIONS

WHOVA APP STATS

- 300 attendees expected
- 295 registered with the Whova online registration process
- 221 actual attendance
- 168 attendees downloaded the Whova App (76%)
- 36 evaluations returned for a 16% return rate (*anything above 10% is considered good*)
- 137 mobile app users | 52 web app users
- 119 business cards scanned & exchanged
- 279 private messages (1-on-1)
- 16 photos were shared

FUTURE EVENT RECOMMENDATIONS

- Use QR Code for checking in attendees.
- Provide a question/set of questions specifically for GLWA staff to answer on the evaluation.
- Resource Room location needs to be closer to the general session room.
- Must identify the small companies and follow up after the event. This was listed as a recommendation on the 2019 evaluation, and it is also a comment made in this year's evaluation. Add a question to the survey directing attendees to input their contact information for follow up after event.
- Improve facilitation of vendor-to-vendor contact/networking.
- Provide more content during session times and less time to ask questions.
- Announce what companies are in the Vendor Resource Room by posting a sign at registration or a list in the Whova App.

EVENT ATTENDANCE

Event Year/Location	Vendors Represented	Participants	Survey Responses
2023 Laurel Manor (Livonia)	207	295	36 (16%)
2019 Laurel Manor (Livonia)	193	240*	75 (31%)
2018 Michigan State University (Troy)	168	261	66 (25%)
2017 Shriners Silver Garden (Southfield)	169	219	38 (17%)
2016 Crowne Plaza Hotel (Detroit)	Data not available	230	No Survey Conducted

* For the 2019 event, guests were limited to two representatives per company versus four representatives in 2018.



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

GLWA Procurement Team Structure

The GLWA Procurement Team manages activities involved in acquiring the goods and services that support GLWA's mission and goals. The Procurement Group is comprised of four key teams that work closely with each of the operating units within GLWA as well as the Vendor Community.

1. **Strategic Sourcing.** This team is responsible for sourcing all the goods and services that GLWA requires and is strategically aligned by expertise to secure the best combination of cost, quality, and vendor qualifications in all procurements. Vendors actively pursuing open opportunities with GLWA interact directly with this team during the solicitation process as well as during the preparation and award of contracts and purchase orders.
2. **Contract Management.** This team administers contract changes as well as reviews certificate of insurance documents to ensure they are current and valid. This team also monitors the expiration of contracts and purchase orders to ensure continuity in the supply of goods and services and timely payment to vendors.
3. **Administration.** This team is responsible for communicating procurement processes to help ensure both new and existing Vendors understand how to do business with GLWA. This includes vendor outreach, vendor performance assessments, and the Business Inclusion and Diversity (B.I.D.) Program.
4. **Logistics & Materials.** This team is responsible for managing how goods received from Vendors are inspected, stored, and maintained in GLWA warehouses. This includes inventory control, the inspection of supplies, and salvage and disposal operations.

Reminder: Maintaining Updated Contact Information in Your Bonfire Vendor Profile

Maintaining updated contact information in your Bonfire Vendor Profile is key to staying informed about GLWA. This is because GLWA uses our Bonfire database to distribute communications to the Vendor Community. Vendors should consider a distribution-style email address (e.g., procurementopportunities@yourcompany.com) which automatically sends notifications to multiple individuals. This ensures your company receives communications even if one or more personnel are unavailable at the time of sending, or when experiencing employee turnover. Any questions about your Bonfire Vendor profile may 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 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 January 2024 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 February 2024

Category	CIP #	Description/Project Title	Budget Estimate
Water System (next four to nine months)			
Construction	111001	Lake Huron Water Treatment Plant – LH-401 Switchgear and Low Lift Improvements	\$100,000,000
Construction	112008	Northeast WTP Filter Rehabilitation	\$85,550,000
Construction	122004	96-Inch Water Transmission Main Relocation - Phase III	\$90,000,000
Construction Pre-Purchase	122004	96-Inch Water Transmission Main Relocation - Phase III - Pre-Purchase Pipe	\$2,300,000
Construction	122016	Downriver Transmission Main Loop – Phase 1 – Inkster Rd	\$21,000,000
Wastewater Systems (next four to nine months)			
Construction	260510	CSO Outfall Rehabilitation Phase VI	\$10,000,000
Construction	211005.2	WRRF Pump Station 2 VFD Replacements	\$12,000,000
Design	270007	CSO Facility Disinfection Improvements	\$3,900,000
Construction	270006	CSO Facility Improvements II	\$15,000,000
Water System (next three months)			
Design	270001	Pilot Netting and Disinfection Facilities at B03, B04, and B05	\$8,000,000
Construction	222001	NWI (Northwest Interceptor) to Oakwood CSO Sewer (NOCSOS)	\$75,000,000
Projects moved to Procurement Team (Preparing for solicitation on Bonfire)			
Professional Services	O&M	Emergency Standby Generator Preventative Maintenance	\$2,910,225
Construction	170306	Instrumentation and Control System Plant - wide SCADA Upgrade	\$3,340,000
Professional Services	O&M	Water and Wastewater Services Charges Consultant	\$300,000
Professional Services	O&M	Internal Auditor	\$650,000
Professional Services	O&M	Good Sewer Metering Practice Analysis & Support Services	\$2,710,000
Professional Services	O&M	Environmental Health and Safety Assistance	\$2,000,000
Professional Services	O&M	Refuse and Recycling Waste Pickup and Disposal Services	\$655,000
Professional Services	O&M	Fleet Management Services Including Leasing and Upfitting Vehicles	\$14,667,500
Supplies	O&M	Sodium Bisulfite	\$2,315,000

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

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