



* Berkley * Beverly Hills * Bingham Farms * Birmingham
* Clawson * Huntington Woods * Lathrup Village * Pleasant Ridge
* Royal Oak * Southfield * Southfield Township

AGENDA

Regular Meeting – Wednesday, December 13, 2023 – 8:30 a.m.

[Southfield Parks and Recreation, Room 221, 26000 Evergreen](#)

1. Meeting Called to Order
2. Roll Call, Recognition of Visitors & Public Comment
3. Approval of Agenda
4. Approval of Minutes – Regular Meeting – November 8, 2023
5. Approval of Warrants – WA-860
6. **ADMINISTRATIVE REPORTS**
 - A. GLWA Rate Process for 2024/25
 - B. November Water Sales
 - C. GLWA Issues
 - D. PA 202 Report
 - E. Webster Tank Separation Project
 - F. Purchase of Three Trucks
7. **ITEMS NOT ON AGENDA**

8. MONTHLY REPORTS

- A. Water Consumption Reports – November 2023
- B. Budget Analysis – November 2023
- C. Budget Analysis – July 2023 – November 2023
- D. Water Samples – November 2023
- E. Precipitation – Inches (Webster Pumping Station)

Joint Meeting

- 1. Closed Session – Legal Opinion
- 2. Discussion Regarding General Manager Search Process

9. Adjournment

Notice: The Southeastern Oakland County Water Authority will provide necessary, reasonable auxiliary aids and services, such as signers, for the hearing impaired, or audiotapes of printed materials being considered at the meeting to individuals with disabilities. All such requests must be made at least five days prior to said meeting. Individuals with disabilities requiring auxiliary aids or services should contact the Southeastern Oakland County Water Authority by writing or calling: General Manager's Office, 3910 W. Webster Road, Royal Oak, MI 48073; (248) 288-5150.

SOUTHEASTERN OAKLAND COUNTY WATER AUTHORITY
Regular Meeting – November 8, 2023
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MINUTES OF THE REGULAR MEETING
OF THE
SOUTHEASTERN OAKLAND COUNTY WATER AUTHORITY

Wednesday, November 8, 2023 – Huntington Woods Library

The meeting was called to order at 8:30 a.m. by Mr. Jim Breuckman, Chair.

<u>Present</u>	<u>Votes</u>	<u>Municipality</u>
Shawn Young	2	Berkley
*Jeff Campbell	2	Beverly Hills
Kurt Jones	1	Bingham Farms
Melissa Coatta	5	Birmingham
Rocco Fortura	1	Huntington Woods
*Karen Miller	1	Lathrup Village
Jim Breuckman	1	Pleasant Ridge
Aaron Filipski	10	Royal Oak
Leigh Schultz (Alternate)	15	Southfield
*Jeff Campbell	<u>1</u>	Southfield Township
 TOTAL	 39	
 <u>Absent</u>		
Trever Zablocki	1	Clawson

Mr. J. Campbell, representative for Beverly Hills (2 votes) and Southfield Township (1 vote) arrived at 8:33 a.m.

Ms. K. Miller, representative for Lathrup Village (1 vote) arrived at 8:40 a.m.

Also Present

Jeff McKeen, General Manager
Robert Davis, General Counsel
Bob Jackovich, Operations Manager
Colette Farris, Organizational Development Manager
Colleen Wayland, Accounting/Finance Manager

-11453 -

Motion by Mr. K. Jones, supported by Mr. A. Filipski:

That the agenda be approved as submitted.

Yeas: Young, Jones, Coatta, Fortura, Breuckman, Filipski, Schultz (35 votes)
Nays: None
Absent: Campbell (2 votes), Zablocki (1 vote), Miller (1 vote), Campbell (1 vote)

Motion Carried.

-11454 -

Motion by Mr. K. Jones, supported by Mr. A. Filipski:

That the October 11, 2023 Regular Meeting minutes be approved as submitted.

Yeas: Young, Jones, Coatta, Fortura, Breuckman, Filipski, Schultz (35 votes)
Nays: None
Absent: Campbell (2 votes), Zablocki (1 vote), Miller (1 vote), Campbell (1 vote)

Motion Carried.

-11455 -

Motion by Mr. A. Filipski, supported by Mr. K. Jones:

That Warrant No. WA-859 in the amount of \$2,699,615.65 be approved and payments authorized.

ROLL CALL VOTE

Yeas: Young, Campbell, Jones, Coatta, Fortura, Breuckman, Filipski, Schultz, Campbell
(38 votes)
Nays: None
Absent: Zablocki (1 vote), Miller (1 vote)

Motion Carried.

-11456-

Motion by Ms. L. Schultz, supported by Ms. M. Coatta:

That the Audit Report of the Southeastern Oakland County Water Authority for the fiscal year ending June 30, 2023, prepared by Plante & Moran, Certified Public Accountants, be received and filed.

Yeas: Young, Campbell, Jones, Coatta, Fortura, Breuckman, Filipski, Schultz, Campbell
(38 votes)
Nays: None
Absent: Zablocki (1 vote), Miller (1 vote)

Motion Carried.

-11457-

Motion by Ms. K. Miller, supported by Mr. K. Jones:

That the report on Status of Pension and OPEB Liabilities be received and filed.

Yeas: Young, Campbell, Jones, Coatta, Fortura, Miller, Breuckman, Filipski, Schultz,
Campbell (39 votes)
Nays: None
Absent: Zablocki (1 vote)

Motion Carried.

-11458-

Motion by Mr. J. Campbell, supported by Mr. A. Filipski:

That the Quarterly Report – First Quarter 2023/24 be received and filed.

Yeas: Young, Campbell, Jones, Coatta, Fortura, Miller, Breuckman, Filipski, Schultz,
Campbell (39 votes)
Nays: None
Absent: Zablocki (1 vote)

Motion Carried.

-11459-

Motion by Ms. L. Schultz, supported by Mr. S. Young:

That the Quarterly Legal Report be received and filed.

Yeas: Young, Campbell, Jones, Coatta, Fortura, Miller, Breuckman, Filipski, Schultz,
Campbell (39 votes)
Nays: None
Absent: Zablocki (1 vote)

Motion Carried.

-11460-

Motion by Ms. K. Miller, supported by Ms. L. Schultz:

That the investments report made by the Authority for July 1, 2023 to September 30, 2023 be received and filed and made a part of the Board record.

Yeas: Young, Campbell, Jones, Coatta, Fortura, Miller, Breuckman, Filipski, Schultz,
Campbell (39 votes)

Nays: None

Absent: Zablocki (1 vote)

Motion Carried.

-11461-

Motion by Mr. K. Miller, supported by Ms. M. Coatta:

That the report on the Webster Tank Separation Project be received and filed.

Yeas: Young, Campbell, Jones, Coatta, Fortura, Miller, Breuckman, Filipski, Schultz,
Campbell (39 votes)

Nays: None

Absent: Zablocki (1 vote)

Motion Carried.

-11462-

Motion by Mr. S. Young, supported by Mr. A. Filipski:

That the report on GLWA Issues be received and filed.

Yeas: Young, Campbell, Jones, Coatta, Fortura, Miller, Breuckman, Filipski, Schultz,
Campbell (39 votes)

Nays: None

Absent: Zablocki (1 vote)

Motion Carried.

-11463-

Motion by Ms. K. Miller, supported by Mr. S. Young:

That the report on the GLWA Rate Process for 2024/25 be received and filed.

Yeas: Young, Campbell, Jones, Coatta, Fortura, Miller, Breuckman, Filipski, Schultz,
Campbell (39 votes)

Nays: None

Absent: Zablocki (1 vote)

Motion Carried.

-11464-

Motion by Mr. A. Filipski, supported by Mr. J. Campbell:

That the meeting be adjourned.

Yeas: Young, Campbell, Jones, Coatta, Fortura, Miller, Breuckman, Filipski, Schultz,
Campbell (39 votes)

Nays: None

Absent: Zablocki (1 vote)

The meeting was adjourned at 10:00 a.m.

APPROVED: _____
Chair

Secretary

SOCWA
CHECK WARRANT
NOVEMBER 2023

WA 860
ACCT. 1020

CHECK #	PAYEE	AMOUNT	PURPOSE
58586	Great Lakes Water Authority	2,447,258.15	Purchase of Water
58587	Airgas USA LLC	151.42	Supplies - Webster
58588	Chet's Rent All	958.26	Maintenance of Mains
58589	Davis Listman	2,626.75	Legal Services
58590	Employee Optical Dental Reimbursement	142.77	Employee Optical Dental Reimbursement
58591	Home Depot Credit Services	193.22	Maintenance of Property & Grounds - Webster
58592	Employee Optical Dental Reimbursement	134.00	Employee Optical Dental Reimbursement
58593	Employee Optical Dental Reimbursement	67.00	Employee Optical Dental Reimbursement
58594	Employee Optical Dental Reimbursement	475.00	Employee Optical Dental Reimbursement
58595	Plante & Moran PLLC	10,350.00	Audit
58596	TWN Consulting LLC	950.00	HR Consulting
58597	Alerus Financial	3,880.32	Deferred Compensation
58598	Paragon Laboratories Inc	1,537.50	Regulatory Testing
58599	Staples	483.14	Office Expense
58600	D'Angelo Brothers Inc.	64,292.55	Lead Service Line Replacement - BI, RO
58601	MissionSquare	1,823.59	Deferred Compensation
58602	Downriver Refrigeration Supply	1,742.64	Maintenance of Equipment - Oliver
58603	Weingartz Supply Company	333.30	Maintenance of Property & Grounds - Webster
58604	Premier Safety	225.00	Safety Maintenance - Webster
58605	SOCRRA	350.66	Maintenance of Property & Grounds - Webster
58606	Blue Cross Blue Shield of Michigan	24,062.93	Health Insurance
58607	Kern Mechanical	1,538.00	Maintenance of Equipment - Oliver
58608	Michigan Municipal Treasurers Association	99.00	Annual Membership - Colleen Wayland
58609	Progressive Plumbing Supply	100.95	Maintenance of Property & Grounds - Webster
58610	Employee Optical Dental Reimbursement	56.60	Employee Optical Dental Reimbursement
58611	Michigan Government Finance Officers Assoc	130.00	Annual Membership - Colleen Wayland
58612	Billings Lawn Equipment	18.72	Maintenance of Property & Grounds - Webster
58613	Contractors Connection	114.60	Safety Maintenance - Webster
58614	Downriver Refrigeration Supply	752.16	Maintenance of Equipment - Oliver
58615	Durst Lumber Company	157.26	Maintenance of Equipment - Oliver
58616	Employee Optical Dental Reimbursement	246.00	Employee Optical Dental Reimbursement
58617	Grainger	576.92	Maintenance of Equipment
58618	Home Depot Credit Services	168.81	Maintenance of Building, Tools - Webster, Maintenance of Equipment

SOCWA
CHECK WARRANT
NOVEMBER 2023

WA 860
ACCT. 1020

CHECK #	PAYEE	AMOUNT	PURPOSE
58619	Main's Landscape Supply	96.88	Maintenance of Property & Grounds - Webster
58620	Metal Mart U.S.A.	93.30	Maintenance of Equipment - Oliver
58621	O'Reilly Auto Parts	94.61	Maintenance of Equipment - Webster
58622	Employee Optical Dental Reimbursement	619.50	Employee Optical Dental Reimbursement
58623	MissionSquare	1,825.57	Deferred Compensation
58624	D'Angelo Brothers Inc.	381,536.40	Lead Service Line Replacements - Royal Oak
58625	D'Angelo Brothers Inc.	120,607.50	Abandonment of Northland Water Service
58626	Downriver Refrigeration Supply	52.03	Maintenance of Equipment - Oliver
58627	Harbor Freight Tools	95.96	Safety Maintenance, Tools - Webster
58628	Home Depot Credit Services	27.97	Maintenance of Equipment - Gare
58629	Hubbell Roth & Clark Inc	1,240.91	Consulting, Lead Service Line Replacement, Tank Separation Project
58630	Standard Insurance Company	462.46	Life Insurance
58631	Employee Optical Dental Reimbursement	270.75	Employee Optical Dental Reimbursement
58632	Paragon Laboratories Inc	2,870.00	Regulatory Testing
58633	Staples	83.76	Office Expense
58634	Eurofins Eaton Analytical LLC	445.00	Regulatory Testing
58635	Progressive Plumbing Supply	444.32	Maintenance of Equipment - Oliver
ACH	Telnet Worldwide	222.87	Telephone
ACH	Ascentis	127.00	Monthly Time Clock Charges
EPAY	Alerus Financial	4,252.47	Deferred Compensation, HCSP, Defined Contribution
EPAY	Applied Imaging	88.00	Copier & Printer Maintenance
EPAY	AT&T	537.45	Cell Phones/Internet/Website
EPAY	Comcast	86.90	Internet/Website
EPAY	Consumers Energy	945.20	Natural Gas Service, all locations
EPAY	DTE	5,593.15	Electric Service, multiple locations
EPAY	Flagstar	1,068.77	Credit Card, Details on Page 3
EPAY	MERS of Michigan	7,526.30	Defined Benefit
EPAY	Verizon	395.42	Internet/Website/SCADA
EPAY	WOW! Business	491.31	Internet/Website

3,098,198.98

SOCWA
CHECK WARRANT
NOVEMBER 2023

1020 OPERATION & MAINTENANCE FUND

3,098,198.98

I HEREBY CERTIFY THAT I HAVE EXAMINED THE INVOICES COVERED BY THE ABOVE VOUCHERS FOR RECEIPT OF MATERIALS OR SERVICES RENDERED AND THAT THE PRICES AND COMPUTATIONS ARE CORRECT.

Treasurer

General Manager

Secretary

The payments listed above were presented to the Board of Trustees and were reviewed with no objection on December 13, 2023.

WA 860
ACCT. 1020

	PAYEE	AMOUNT	PURPOSE
EPAY	Flagstar Credit Card - Detail	4.49	Supplies
		32.47	Maintenance of Equipment
		145.00	Personnel Improvement
		9.99	Maintenance of Equipment
		779.00	Maintenance of Equipment
		63.34	Supplies
		7.49	Administrative Office Expense
		9.00	Maintenance of Equipment
		17.99	Maintenance of Equipment

1,068.77

December 7, 2023

Board of Trustees
Southeastern Oakland County Water Authority

Subject: GLWA Rate Process for 2024/25

Board Members:

The remaining schedule for GLWA's rate process is:

January 11, 2024 Budget and final rates distributed

January 18, 2024 Feedback and Review

This schedule should allow me to provide an estimated SOCWA rate at the February 14, 2024 SOCWA Board meeting. I should have enough information on January 11, 2024 to provide an estimate for the communities that need a rate estimate before the February 14, 2024 Board meeting.

On November 14, 2023, GLWA distributed the units of service (annual volume and maximum day and peak hour flow rates) that will be used to establish the rates for 2024/25. GLWA is using the same methodology to estimate annual sales that they have used since 2022/23. This methodology uses the average of the last 3 years for the peak period (April through September) plus the 3-year average reduced by 1% per year for the non-peak period (October through March). This methodology was developed to recognize the continuing reduction in non-peak flows that was occurring before the pandemic. For 2024/25, the projected total GLWA sales volume decreased by 2.0% and GLWA's estimate for SOCWA sales volume decreased by 1.3% compared with 2023/24. The decrease in total GLWA sales volume will result in a larger rate increase for 2024/25. The larger rate increase may be partially or completely offset by an increase in earnings on investments due to the continued high interest rates.

For the SOCWA budget for 2024/25, I will probably be proposing to use the average of the actual water sales for 2020, 2022 and 2023 (ignoring the poor water sales of 2021) to project SOCWA sales volumes. That is similar to the methodology that has been used for the past several years. The resulting estimated sales volume would be about 4% higher than that proposed by GLWA.

At the moment, there are no customer demand (maximum day and peak hour) changes for 2024/25. Therefore, GLWA anticipates that all customers will receive the same rate increase. The actual rate increase will be presented by GLWA at the January 11, 2024 meeting.

GLWA is considering making a simplification to their rate model for either the 2024/25 or 2025/26 rate years. The proposed simplification will not change the rates of any individual GLWA customer.

SOCWA staff will be attending each of these meetings and we will be issuing reports to the Board every month during the GLWA rate season.

Respectfully submitted,

Jeffrey A. McKeen, P.E.
General Manager

Suggested Resolution: "That the report on the GLWA Rate Process for 2024/25 be received and filed."

December 5, 2023

Board of Trustees
Southeastern Oakland County Water Authority

Subject: November Water Sales

Board Members:

I have been following the water sales for the SOCWA communities for the month of November as a method of assessing trends in our water sales. I have used November because weather should not play a factor in November sales. I have attached a graph that illustrates the water sales to the SOCWA communities since 2001. This graph shows November water sales decreased by 12.0% in 2023 compared with 2022. This is the first time in three years that we have seen decreasing November water sales. The November 2023 water sales appear to continue the long term decline in off season water sales that we have been seeing for many years.

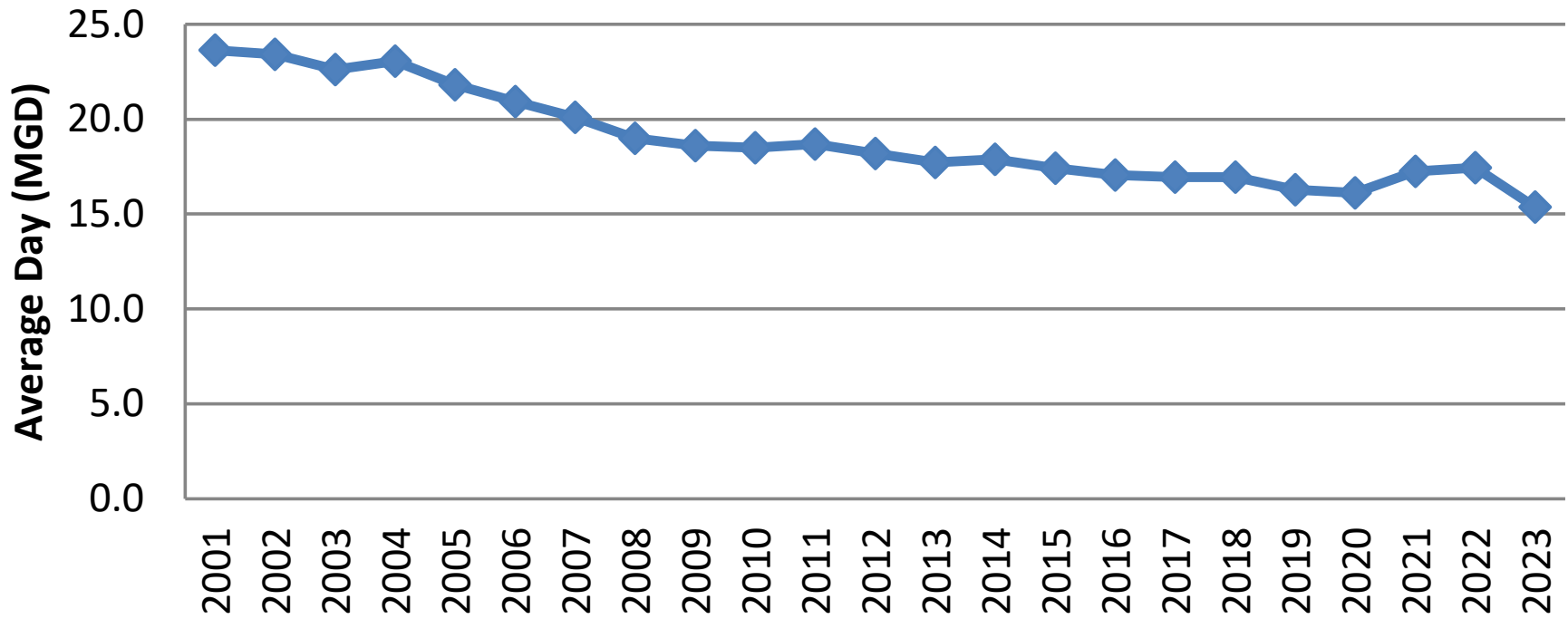
For our budget for this fiscal year, I used the average of the actual water sales for the calendar years 2020 and 2022 because calendar year 2021 water sales were so low. If I use the average of water sales for calendar years 2020, 2022 and 2023, this will result in water sales that are about 1.7% lower than those used for developing the 2023/24 budget.

Respectfully submitted,

Jeffrey A. McKeen, P.E.
General Manager

Suggested Resolution: "That the report on November Water Sales be received and filed."

NOVEMBER WATER SALES SOCWA COMMUNITIES ONLY



December 7, 2023

Board of Trustees
Southeastern Oakland County Water Authority

Subject: GLWA Issues

Board Members:

This report is intended to update the Board on the Highland Park unpaid bill issue issues and other recent developments concerning GLWA.

Highland Park Settlement

The GLWA Board approved issuing bill credits resulting from the settlement in the Highland Park cases. Issuing the credits was approved by a 6-0 vote of the GLWA Board. The credits will be taken on a future GLWA water bill after all the terms of the settlement agreement have been implemented. This will probably take several months and may not happen during the current fiscal year.

For the GLWA water system, the total amount of the Highland Park credits will be \$5,026,500. This amount was calculated by taking the total cumulative charges for Highland Park's unpaid water bills that had been included in GLWA rates from the 2017/18 fiscal year through the 2021/22 fiscal year and subtracting the water systems share of the incremental \$1,000,000 payment made by Highland Park in June of 2023. Before and after that time period, Highland Park's unpaid water bills were not included in GLWA rates. Therefore, Highland Park's lack of payments during those time periods served to reduce the net assets of GLWA by about \$7 million. The credits from GLWA are about the same amount as the \$5,000,000 appropriation from the state that is called for in the Highland Park settlement.

SOCWA's share of the water credits will be \$327,300. We plan to issue bill credits to SOCWA customers using the methodology previously approved by the Board, after SOCWA has received the bill credit from GLWA. The tentative amounts of those credits are displayed in the attachment to this letter.

The GLWA bill credits for the sewer system are significantly larger. As an example, the bill credits for the GWK drainage district are \$2.9 million. I do not know what Oakland County plans to do with those bill credits.

GLWA continues to work on the many issues that are required to implement the term sheet that outlined the settlement between GLWA, Highland Park and the State of Michigan. This will be an effort that continues over many months.

Main Break on 120" Water Main

SOCWA withheld \$44,984.91 from our GLWA payment that was due on June 9, 2023. This amount has been segregated in a separate account at Flagstar. The agreements required for the settlement have been approved by the GLWA and SOCRRRA boards. We are awaiting receipt of

the settlement amount before taking any additional action. Mr. Davis and I have been working on a one-page document that we would send to GLWA when they make their next request for assistance. We plan on sending this document to GLWA in December for their review.

GLWA Bond Refunding and New Money Offering

GLWA successfully completed a bond refunding and new money offering for both the water and sewer systems in mid-November. GLWA was able to combine a \$150 million bond offering for the water system with the refinancing of \$67 million of their outstanding water bonds. The refunding resulted in \$11 million in cash flow savings over the life of the refinanced bonds. As part of this transaction sale, GLWA had their credit ratings reviewed by the three credit rating agencies. Moody's upgraded their ratings for GLWA water and sewer debt to AA status and both Standard and Poor and Fitch reaffirmed their existing AA and A ratings, respectively. With AA ratings from two ratings services, GLWA should be able to release some money that had been required to be retained as bond reserves. GLWA should be able to use this money to offset some of their capital expenditures.

PFAS Class Action Settlements

Dupont and 3-M have entered into class action settlement agreements with public water systems regarding contamination of water supplies with PFAS substances. These settlements are focused on providing funds for treatment of PFAS in drinking water systems. Water systems will be bound by these settlement agreements unless they opt out of the agreements. GLWA has never found PFAS compounds in their source water supplies. As a result, GLWA has only spent a small amount of money on PFAS testing. GLWA has decided to participate in both settlements, although they do not anticipate receiving any money from the settlements because no PFAS has been found in the GLWA drinking water system.

Mr. Davis has reviewed the settlement agreements, and he is recommending that SOCWA and the SOCWA member communities also participate in the settlement agreements. SOCWA began testing for PFAS compounds in 2023 as required by the EPA's unregulated contaminant monitoring program (UCMR-5), so our costs incurred have been very minor.

Water Affordability Legislation

A series of bills have been introduced into the state legislature (SB 549, 550, 551, 552, 553 and 554 and HB 5088, 5089, 5090, 5091, 5092 and 5093) that would establish a water affordability program funded by a \$2 per month charge for every water meter in the state of Michigan. These bills would also accomplish several other items including developing a shut off protection plan, allowing tenants to request the water bill be transferred to their name and decriminalizing water reconnections. This affordability plan is similar to the Michigan Energy Assistance Program, which is funded by a per meter charge for all electricity and natural gas meters that is currently \$0.88 per month. These bills are currently in committee in both houses.

The GLWA board has adopted a resolution supporting this legislation by a 5-1 vote. The GLWA resolution is attached. The no vote was from Macomb County representative Brian Baker who expressed concerns about the overlap of the proposed affordability program with GLWA's WRAP program, the flat \$2 per meter per month charge for both residential, commercial and industrial meters and the lack of a local opt-out provision. Oakland County Water Resources

Commission Jim Nash has come out in favor of this legislation. A recently published op-ed letter from Mr. Nash is attached.

SOCWA staff will monitor the progress of these bills in the state legislature. If the bills become active, the Board may consider taking a position on the bills in the future.

Respectfully submitted,

Jeffrey A. McKeen, P.E.
General Manager

Suggested Resolution: "That the report on GLWA Issues be received and filed."

PROPOSED DISTRIBUTION OF GLWA HIGHLAND PARK CREDITProposed Credit Amount **\$327,300.00**

<u>Community</u>	<u>22-23 Water Sales (MCF)</u>	<u>%</u>	<u>Proposed Credit</u>
Berkley	48,458.33	3.64%	\$11,916.60
Beverly Hills	42,824.70	3.22%	\$10,531.21
Bingham Farms	11,731.10	0.88%	\$2,884.85
Birmingham	122,175.77	9.18%	\$30,044.77
Bloomfield Hills	60,962.48	4.58%	\$14,991.55
Bloomfield Twp.	257,035.84	19.31%	\$63,208.80
Clawson	36,299.99	2.73%	\$8,926.69
Huntington Woods	23,206.32	1.74%	\$5,706.77
Lathrup Village	15,134.53	1.14%	\$3,721.80
Pleasant Ridge	11,210.80	0.84%	\$2,756.90
Royal Oak	278,758.56	20.94%	\$68,550.73
Southfield	<u>408,913.41</u>	30.72%	\$100,557.67
	1,316,711.83		
Detroit Zoo	11,916.80	0.90%	\$2,930.51
Rackham	2,322.60	0.17%	\$571.16
	1,330,951.23		\$327,300.00

RESOLUTION 2023-408
REGARDING WATER AFFORDABILITY BILLS

By Board Member _____ :

WHEREAS, the Michigan Senate has introduced a package of legislation, (Senate Bill 0549 – Senate Bill 0554) designed to support water affordability and collectively referred to in this Resolution as “the Water Affordability Bills”; and

WHEREAS, the Michigan House of Representatives introduced a similar package of bills (House Bill 5088 – House Bill 5093) designed to support water affordability and collectively referred to in this Resolution as “the Water Affordability Bills”; and

WHEREAS, the Water Affordability Bills are the product of extensive dialogue and detailed discussions between water utilities, affordability advocates, and other stakeholders; and

WHEREAS, GLWA staff participated in and served as a resource to support these discussions; and

WHEREAS, the Water Affordability Bills reflect a desire by Members of the Michigan Legislature to advance water affordability while considering the needs of retail water providers, water consumers, and Michigan communities; and

WHEREAS, GLWA is a wholesale water provider which limits the direct impact of the bills on its operations; and

WHEREAS, GLWA’s founding documents reflect a commitment to water affordability through the establishment of the WRAP (Water Residential Assistance Program) the first water affordability program in Michigan; and

WHEREAS, GLWA’s Board of Directors has repeatedly demonstrated its commitment to water affordability through its support and expansion of WRAP benefits to include for eligible households:

- An income-based plan designed to limit the cost of the residential water and sewer to 3% of household income,
- Arrearage payment assistance,
- a healthy home initiative with plumbing repairs and replacement of lead-based fixtures in the kitchen, bathroom, and utility room,

- An emphasis on direct client assistance and case management to support a holistic approach to the household's needs by delivering this program through service delivery partners who are leaders in community action agency and nonprofit human services,
- "Wrapfinity" to provide households with a senior citizen or person with permanent disabilities being eligible to receive bill credits without an expiration date;
- provides funding to support the Detroit Water & Sewerage Department's Lifeline Program, and

WHEREAS, in developing and refining the WRAP concept, GLWA and its Board of Directors have provided flexibility so that WRAP funding could be maximized to support local community interests; and

WHEREAS, GLWA recognizes that different communities within the GLWA service area have unique and local perspectives that may affect their position on the water affordability legislation; and

WHEREAS, GLWA urges its member partner communities to review and develop their own perspectives, on the Water Affordability Bills and communicate that perspective to their elected representatives in Lansing; and

WHEREAS, GLWA is prepared to further support the water affordability conversation amongst regional stakeholders through its member outreach process,

NOW THEREFORE BE IT RESOLVED:

1. That the Board of Directors for the Great Lakes Water Authority expresses its support for the Water Affordability Bills (Michigan Senate Bills 0549 – 0554 and Michigan House Bills 5088 – 5093).
2. That the Board of Directors for the Great Lakes Water Authority urges its member partner communities to develop their own perspectives, on the Water Affordability Bills and communicate that perspective to their elected representatives in Lansing; and
3. That the Board of Directors for the Great Lakes Water Authority requests that staff take appropriate action to communicate the Board's action through this resolution outlining the Great Lakes Water Authority's support for the water affordability bills including providing copies of this resolution and participating in legislative hearings and processes related to the water affordability bills.

Op-Ed: Water Affordability Legislation

By Jim Nash, Oakland County Water Resources Commissioner

State Senator Stephanie Chang recently announced a package of bills to create the nation's first statewide affordability program for water and sewer utilities. The proposed legislation balances two distinct affordability needs—the need for a stable and reliable source of revenue for community infrastructure and the need to help lower-income households share the cost.

The legislation represents a significant moment for my office because it marks the culmination of almost three years of organizing, researching, and working toward the development of a comprehensive water affordability report. That report, entitled, *Water Affordability Solutions* developed the most sustainable statewide water affordability program to address the significant gap in water infrastructure funding, without financially burdening individual households or water service providers. We worked closely with the broad statewide stakeholder group Senator Chang organized to make this work sustainably for all Michiganders.

As Oakland County's Water Resources Commissioner, I recognize that these separate affordability needs are connected and must be addressed together. That's one reason I'm committed to doing my part to help make Oakland County and the region safe, successful, and prosperous. If it is to be a place where families want to live, students want to learn and stay to begin a career, where businesses can grow, and the economy can flourish, it needs strong, secure, and high-quality water infrastructure. It's the backbone to make that happen.

Unfortunately, underinvestment in our water infrastructure has been used as a short-term cost-saving method to keep water rates low. Over the years, rate increases were delayed when they should have been adopted to fund much-needed repairs and critical projects.

We are now grappling with the consequences of avoiding incremental rate increases that could have reduced the higher long-term costs we now face. All Michiganders will profit from timely investment in our water infrastructure. Water affordability legislation is needed to help communities afford the true cost of service without creating more problems.

The statewide water affordability plan is largely based on current programs used by electric and gas utilities passed in Lansing with overwhelming bipartisan support, more than a decade ago. By adding a \$2 per month charge for each water meter—roughly 7 cents per day—we can have a dedicated revenue source in a state account available for local water providers to bridge the gap between the amount low-income households can reasonably afford to pay and the true costs of services.

There is a desperate need for this type of program. There are close to 400,000 residents in Michigan currently behind on their water bills. Every community has seniors, young families or other residents struggling to pay their bills. Yet, many elected officials are in denial about the extent of need of their constituents. I wholeheartedly support this legislation. It's not about politics, it's about prosperity. We all prosper from proper investment in the water infrastructure that protects public health and keeps our environment clean, and our economy flowing.

To find out more about what my office is doing, please visit, oakgov.com/affordability.



November 13, 2023

Board of Trustees
Southeastern Oakland County Water Authority

Subject: PA 202 Report

Board Members:

PA 202 of 2017 requires additional reporting on the status of SOCWA's pension and OPEB (Other Post Employment Benefit) plans to the State and to the SOCWA Board. This information was already included in our June 30, 2023 audit. The required information was submitted to the State in December and is attached, as required by PA 202. The State requires the use of standard assumptions which results in the funding percentages being slightly different than reported in our June 30, 2023 audit. The State also requires the plans to be combined for reporting purposes. The summary of the information is as follows:

The combined union and salaried pension plans are 94.2% funded as of June 30, 2023. This is a decrease from the 97.0% funded as of June 30, 2022.

The combined union and salaried OPEB plans are 152.3% funded as of June 30, 2023. This is an increase from the 143.8% funded as of June 30, 2022.

None of the plans are in "underfunded status".

MERS will be providing their 12/31/2023 pension actuarial valuation before June 30, 2024 and SOCWA staff will be performing an actuarial analysis of the OPEB plans as of June 30, 2024 in August of 2024. I will review these analyses with the Board when they are received.

Respectfully submitted,

Jeffrey A. McKeen, P.E.
General Manager

Suggested Resolution: "That the PA 202 Report be received and filed."

The Protecting Local Government Retirement and Benefits Act (PA 202 of 2017) & Public Act 530 of 2016 Pension Report

Enter Local Government Name	Southeastern Oakland County Water Authority	Instructions: For a list of detailed instructions on how to complete and submit this form, visit michigan.gov/LocalRetirementReporting .
Enter Six-Digit Municode	637512	
Unit Type	Authority	
Fiscal Year End Month	June	
Fiscal Year (four-digit year only, e.g. 2019)	2023	Questions: For questions, please email LocalRetirementReporting@michigan.gov . Return this original Excel file. Do not submit a scanned image or PDF.
Contact Name (Chief Administrative Officer)	Jeff McKeen	
Title if not CAO	General Manager	
CAO (or designee) Email Address	jmckeen@socwa.org	
Contact Telephone Number	248-288-5150	
Pension System Name (not division) 1	SOCWA DB Pension	If your pension system is separated by divisions, you would only enter one system. For example, one could have different divisions of the same system for union and non-union employees. However, these would be only one system and should be reported as such on this form.
Pension System Name (not division) 2		
Pension System Name (not division) 3		
Pension System Name (not division) 4		
Pension System Name (not division) 5		

Line	Descriptive Information	Source of Data	System 1	System 2	System 3	System 4	System 5
1	Is this unit a primary government (County, Township, City, Village)?	Calculated	NO	NO	NO	NO	NO
2	Provide the name of your retirement pension system	Calculated from above	SOCWA DB Pension				
3 Financial Information							
4	Enter retirement pension system's assets (system fiduciary net position ending)	Most Recent Audit Report	11,199,520				
5	Enter retirement pension system's liabilities (total pension liability ending)	Most Recent Audit Report	10,947,231				
6	Funded ratio	Calculated	102.3%				
7	Actuarially Determined Contribution (ADC)	Most Recent Audit Report	40,790				
8	Governmental Fund Revenues	Most Recent Audit Report	29,268,247				
9	All systems combined ADC/Governmental fund revenues	Calculated	0.1%				
10 Membership							
11	Indicate number of active members	Actuarial Funding Valuation used in Most Recent Audit Report	17				
12	Indicate number of inactive members	Actuarial Funding Valuation used in Most Recent Audit Report	2				
13	Indicate number of retirees and beneficiaries	Actuarial Funding Valuation used in Most Recent Audit Report	23				
14 Investment Performance							
15	Enter actual rate of return - prior 1-year period	Actuarial Funding Valuation used in Most Recent Audit Report or System Investment Provider	-10.37%				
16	Enter actual rate of return - prior 5-year period	Actuarial Funding Valuation used in Most Recent Audit Report or System Investment Provider	4.95%				
17	Enter actual rate of return - prior 10-year period	Actuarial Funding Valuation used in Most Recent Audit Report or System Investment Provider	6.79%				
18 Actuarial Assumptions							
19	Actuarial assumed rate of investment return	Actuarial Funding Valuation used in Most Recent Audit Report	7.00%				
20	Amortization method utilized for funding the system's unfunded actuarial accrued liability, if any	Actuarial Funding Valuation used in Most Recent Audit Report	Level Percent				
21	Amortization period utilized for funding the system's unfunded actuarial accrued liability, if any	Actuarial Funding Valuation used in Most Recent Audit Report	15				
22	Is each division within the system closed to new employees?	Actuarial Funding Valuation used in Most Recent Audit Report	No				
23 Uniform Assumptions							
24	Enter retirement pension system's actuarial value of assets using uniform assumptions	Actuarial Funding Valuation used in Most Recent Audit Report	10,450,406				
25	Enter retirement pension system's actuarial accrued liabilities using uniform assumptions	Actuarial Funding Valuation used in Most Recent Audit Report	11,093,320				
26	Funded ratio using uniform assumptions	Calculated	94.2%				
27	Actuarially Determined Contribution (ADC) using uniform assumptions	Actuarial Funding Valuation used in Most Recent Audit Report	137,664				
28	All systems combined ADC/Governmental fund revenues	Calculated	0.5%				
29 Pension Trigger Summary							
30	Does this system trigger "underfunded status" as defined by PA 202 of 2017?	Primary government triggers: Less than 60% funded AND greater than 10% ADC/Governmental fund revenues. Non-Primary government triggers: Less than 60% funded	NO	NO	NO	NO	NO

Requirements (For your information, the following are requirements of P.A. 202 of 2017)
 Local governments must post the current year report on their website or in a public place.
 The local government must electronically submit the form to its governing body.
 Local governments must have had an actuarial experience study conducted by the plan actuary for each retirement system at least every 5 years.
 Local governments must have had a peer actuarial audit conducted by an actuary that is not the plan actuary OR replace the plan actuary at least every 8 years.

By emailing this report to the Michigan Department of Treasury, the local government acknowledges that this report is complete and accurate in all known respects.

The Protecting Local Government Retirement and Benefits Act (PA 202 of 2017) Health Care (OPEB) Report

Enter Local Government Name	Southeastern Oakland County Water Authority	Instructions: For a list of detailed instructions on how to complete and submit this form, visit michigan.gov/LocalRetirementReporting .
Enter Six-Digit Municode	637512	
Unit Type	Authority	
Fiscal Year End Month	June	
Fiscal Year (four-digit year only, e.g., 2019)	2023	
Contact Name (Chief Administrative Officer)	Jeff McKeen	Questions: For questions, please email LocalRetirementReporting@michigan.gov . Return this original Excel file. Do not submit a scanned image or PDF.
Title if not CAO	General Manager	
CAO (or designee) Email Address	jmckeen@socwa.org	
Contact Telephone Number	248-288-5150	
OPEB System Name (not division) 1	SOCWA Union/Salary OPEB Plan	If your OPEB system is separated by divisions, you would only enter one system. For example, one could have different divisions of the same system for union and non-union employees. However, these would be only one system and should be reported as such on this form.
OPEB System Name (not division) 2		
OPEB System Name (not division) 3		
OPEB System Name (not division) 4		
OPEB System Name (not division) 5		

Line	Descriptive Information	Source of Data	System 1	System 2	System 3	System 4	System 5
1	Is this unit a primary government (County, Township, City, Village)?	Calculated	NO	NO	NO	NO	NO
2	Provide the name of your retirement health care system	Calculated from above	SOCWA Union/Salary OPEB Plan				
3 Financial Information							
4	Enter retirement health care system's assets (system fiduciary net position ending)	Most Recent Audit Report	1,750,983				
5	Enter retirement health care system's liabilities (total OPEB liability)	Most Recent Audit Report	1,150,058				
6	Funded ratio	Calculated	152.3%				
7	Actuarially determined contribution (ADC)	Most Recent Audit Report	-				
7a	Do the financial statements include an ADC calculated in compliance with Numbered Letter 2018-3?	Most Recent Audit Report	YES				
8	Governmental Fund Revenues	Most Recent Audit Report	29,268,247				
9	All systems combined ADC/Governmental fund revenues	Calculated	0.0%				
10 Membership							
11	Indicate number of active members	Actuarial Funding Valuation used in Most Recent Audit Report	8				
12	Indicate number of inactive members	Actuarial Funding Valuation used in Most Recent Audit Report	-				
13	Indicate number of retirees and beneficiaries	Actuarial Funding Valuation used in Most Recent Audit Report	15				
14	Provide the amount of premiums paid on behalf of the retirants	Most Recent Audit Report or Accounting Records	52,946				
15 Investment Performance							
16	Enter actual rate of return - prior 1-year period	Actuarial Funding Valuation used in Most Recent Audit Report or System Investment Provider	7.46%				
17	Enter actual rate of return - prior 5-year period	Actuarial Funding Valuation used in Most Recent Audit Report or System Investment Provider	5.89%				
18	Enter actual rate of return - prior 10-year period	Actuarial Funding Valuation used in Most Recent Audit Report or System Investment Provider	6.80%				
19 Actuarial Assumptions							
20	Assumed Rate of Investment Return	Actuarial Funding Valuation used in Most Recent Audit Report	6.85%				
21	Enter discount rate	Actuarial Funding Valuation used in Most Recent Audit Report	6.85%				
22	Amortization method utilized for funding the system's unfunded actuarial accrued liability, if any	Actuarial Funding Valuation used in Most Recent Audit Report	Level Percent				
23	Amortization period utilized for funding the system's unfunded actuarial accrued liability, if any	Actuarial Funding Valuation used in Most Recent Audit Report	20				
24	Is each division within the system closed to new employees?	Actuarial Funding Valuation used in Most Recent Audit Report	Yes				
25	Health care inflation assumption for the next year	Actuarial Funding Valuation used in Most Recent Audit Report	5.50%				
26	Health care inflation assumption - Long-Term Trend Rate	Actuarial Funding Valuation used in Most Recent Audit Report	4.50%				
27 Uniform Assumptions							
28	Enter retirement health care system's actuarial value of assets using uniform assumptions	Actuarial Funding Valuation used in Most Recent Audit Report	1,750,983				
29	Enter retirement health care system's actuarial accrued liabilities using uniform assumptions	Actuarial Funding Valuation used in Most Recent Audit Report	1,150,058				
30	Funded ratio using uniform assumptions	Calculated	152.3%				
31	Actuarially Determined Contribution (ADC) using uniform assumptions	Actuarial Funding Valuation used in Most Recent Audit Report	-				
32	All systems combined ADC/Governmental fund revenues	Calculated	0.0%				
33 Summary Report							
34	Did the local government pay the retiree insurance premiums for the year?	Accounting Records	YES				
35	Did the local government pay the normal cost for employees hired after June 30, 2018?	Accounting Records	YES				
36	Does this system trigger "underfunded status" as defined by PA 202 of 2017?	Primary government triggers: Less than 40% funded AND greater than 12% ARC/governmental fund revenues. Non-Primary government triggers: Less than 40% funded	NO	NO	NO	NO	NO

Requirements (For your information, the following are requirements of P.A. 202 of 2017)
Local governments must post the current year report on their website or in a public place
The local government must electronically submit the form to its governing body.
Local governments must have had an actuarial experience study conducted by the plan actuary for each retirement system at least every 5 years
Local governments must have had a peer actuarial audit conducted by an actuary that is not the plan actuary OR replace the plan actuary at least every 8 years.

By emailing this report to the Michigan Department of Treasury, the local government acknowledges that this report is complete and accurate in all known respects.

December 6, 2023

Board of Trustees
Southeastern Oakland County Water Authority

Subject: Webster Tank Separation Project

Board Members:

We held a pre-bid meeting for the first phase of the project, the installation of a 36” isolation valve on the main feed to Webster Station, on December 5, 2023. We invited three contractors, D’Angelo Brothers, Trojan Development and Verdeterre, to provide bids on this project. All three contractors attended the prebid meeting and all three indicated that they would be providing bids. Bids are due on December 19, 2023. We will review the bids at the January 13 Board meeting.

We will be doing separate purchases of the valve and the adapters required to connect the existing concrete cylinder pipe to the new ductile iron pipe for this project. We anticipate bringing these purchase requests to the January Board meeting.

We have requested that MI EGLE carry over this project for the 2025 Drinking Water State Revolving Fund (DWSRF). However, it is very unlikely that this project will be funded by the DWSRF.

Respectfully Submitted,

Jeffrey A. McKeen, P.E.
General Manager

Suggested Resolution: “That the report on the Webster Tank Separation Project be received and filed.”

December 8, 2023

Board of Trustees
Southeastern Oakland County Water Authority

Subject: Purchase of Three Trucks

Board Members:

SOCWA staff is obtaining price quotes from Lunghammer Ford through the Macomb County purchasing program for the replacement of three trucks. While we have preliminary price quotes, the final quotes are not available when this letter is being prepared. We anticipate that the final price quotes can be shared with the Board at the December Board meeting.

SOCWA has the replacement of two pickup trucks in our Capital Expenditures budget for 2023/24 at a total cost of \$80,000. Given the long lead time for receiving new trucks, we wanted to place orders for three trucks before the window for truck orders closes in early 2024. It is highly unlikely that we will receive all three trucks before the end of the current fiscal year. If three trucks are delivered before the end of the fiscal year, we will adjust our other capital expenditures so that the total capital expenditure budget for the year is not exceeded.

The quotes will be for two Ford F-150 XL pickups and one Ford Transit 250 van. One pickup has a regular cab with an 8-foot bed and the other pickup was a super cab with a 6.5-foot bed and lift gate. Each pickup is equipped with a spray in bed liner, LED warning strobes, trailer hitch and toolbox. We believe that the lead time on these pickups is approximately eighteen to twenty weeks. We expect that the total price for the three trucks will be around \$130,000.

We are proposing to replace the three oldest trucks in our fleet, a 2006 GMC van with 132,000 miles, a 2008 GMC van with 104,000 miles and a 2009 GMC pickup with 111,000 miles. We plan to sell the trucks being replaced through the public surplus auction website.

Respectfully Submitted,

Jeffrey A. McKeen, P.E.
General Manager

Suggested Resolution: "That the General Manager be authorized to purchase two Ford F150 XL pickups and one Transit 250 van at a total cost of \$ _____ through the Macomb County purchasing program."

**SOUTHEASTERN OAKLAND COUNTY WATER AUTHORITY
WATER CONSUMPTION
AVERAGE M.G. PER DAY**

November 2023

<u>Purchase from GLWA</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>
Buchanan	0.00	0.00	0.00	0.00
Lamb	0.07	0.00	0.04	0.00
Shafter	0.00	0.05	0.03	0.01
12 Mile	5.97	5.52	7.65	6.98
14 Mile	9.53	10.35	8.62	8.32
16 Mile	0.34	0.76	1.15	0.40
Bloomfield Hills	0.66	0.55	0.60	0.57
Bloomfield Twp	<u>3.01</u>	<u>2.94</u>	<u>2.59</u>	2.36
Total:	19.58	20.17	20.68	18.64
<u>Sold by Authority</u>				
Berkley	0.84	0.84	0.88	0.90
Beverly Hills	0.55	0.70	0.92	0.58
Bingham Farms	0.12	0.13	0.13	0.13
Birmingham	1.61	1.70	1.74	1.77
Bloomfield Hills	0.66	0.55	0.60	0.57
Bloomfield Twp	2.99	2.89	2.95	2.76
Clawson	0.68	0.67	0.66	0.65
Huntington Woods	0.36	0.34	0.35	0.33
Lathrup Village	0.41	0.41	0.26	0.23
Pleasant Ridge	0.15	0.15	0.14	0.14
Royal Oak	3.74	4.66	4.89	3.84
Southfield	7.44	7.42	7.29	6.61
Detroit (Zoo & Rackham)	<u>0.23</u>	<u>0.22</u>	<u>0.18</u>	<u>0.17</u>
Total:	19.78	20.68	20.99	18.68
Water Sales Over or Under Water Purchased	0.20	0.51	0.31	0.04
Percent	1.02%	2.53%	1.50%	0.21%

SOUTHEASTERN OAKLAND COUNTY WATER AUTHORITY

INCOME STATEMENT

11/01/23 - 11/30/23

	Period Actual	Period Budget	Variance
REVENUES			
SALE OF WATER MEMBERS	1,222,213.82	1,320,459.00	(98,245.18)
SALE OF WATER OTHERS	495,425.27	529,052.00	(33,626.73)
TOTAL SALE OF WATER REVENUES	1,717,639.09	1,849,511.00	(131,871.91)
OTHER REVENUES			
RENTALS	6,423.76	6,395.10	28.66
WATER ANALYSIS & MISC	120.00	500.00	(380.00)
INTEREST ON INVESTMENTS	37,032.00	12,500.00	24,532.00
MISCELLANEOUS REVENUE	187,882.55	0.00	187,882.55
TOTAL OTHER REVENUES	231,458.31	19,395.10	212,063.21
TOTAL REVENUES	1,949,097.40	1,868,906.10	80,191.30
LEAD SERVICE REPLACEMENT	64,292.55	200,000.00	(135,707.45)
EXPENSES			
PURCHASE OF WATER FOR RESALE	2,447,258.15	2,708,000.00	(260,741.85)
POWER, PUMPING & GROUNDS WEBSTER	68,185.42	47,638.34	20,547.08
POWER, PUMPING & GROUNDS	15,677.01	24,975.18	(9,298.17)
COMPUTER OPERATIONS	5,406.41	8,583.33	(3,176.92)
PURIFICATION	10,765.73	12,877.08	(2,111.35)
METERS & MAINS	11,244.94	21,903.98	(10,659.04)
ADMINISTRATION & GENERAL	58,186.61	85,700.00	(27,513.39)
TOTAL EXPENSES	2,616,724.27	2,909,677.91	(292,953.64)
LEAD SERVICE LINE REPLACEMENT	445,998.61	200,000.00	245,998.61
CURRENT PERIOD INCOME	(667,626.87)	(1,040,771.81)	373,144.94

SOUTHEASTERN OAKLAND COUNTY WATER AUTHORITY
INCOME STATEMENT
07/01/23 - 11/30/23

	Period Actual	Period Budget	Variance
REVENUES			
SALE OF WATER MEMBERS	7,824,144.71	8,852,295.00	(1,028,150.29)
SALE OF WATER OTHERS	4,658,058.57	5,856,260.00	(1,198,201.43)
TOTAL SALE OF WATER REVENUES	12,482,203.28	14,708,555.00	(2,226,351.72)
OTHER REVENUES			
RENTALS	32,090.14	31,975.50	114.64
WATER ANALYSIS	670.00	2,500.00	(1,830.00)
INTEREST ON INVESTMENTS	134,838.55	62,500.00	72,338.55
MISCELLANEOUS REVENUE	187,909.73	1,500.00	186,409.73
TOTAL OTHER REVENUES	355,508.42	98,475.50	257,032.92
TOTAL REVENUES	12,837,711.70	14,807,030.50	(1,969,318.80)
LEAD SERVICE REPLACEMENT	138,133.95	1,200,000.00	(1,061,866.05)
EXPENSES			
PURCHASE OF WATER FOR RESALE	4,981,045.01	5,552,000.00	(570,954.99)
POWER, PUMPING & GROUNDS WEBSTER	242,187.31	257,631.70	(15,444.39)
POWER, PUMPING & GROUNDS	46,578.91	132,787.40	(86,208.49)
COMPUTER OPERATIONS	42,505.50	43,416.32	(910.82)
PURIFICATION	87,815.63	64,385.40	23,430.23
METERS & MAINS	98,759.61	109,479.40	(10,719.79)
ADMINISTRATION & GENERAL	409,409.56	414,350.00	(4,940.44)
IN TRANSIT	6,382,534.43	6,698,000.00	(315,465.57)
TOTAL EXPENSES	12,290,835.96	13,272,050.22	(981,214.26)
LEAD SERVICE LINE REPLACEMENT	519,839.01	1,200,000.00	(680,160.99)
CURRENT PERIOD INCOME	546,875.74	1,534,980.28	(988,104.54)

SOUTHEASTERN OAKLAND COUNTY WATER AUTHORITY

Water Supplier Bacteriological Analysis Report for the Michigan Department of Environmental Quality

System Name: S.O.C.W.A. WSSN-6150

Oakland County, Michigan

Month: **November 2023**

of Weeks: **5**

Community			Date:	11/02/23	Date:	11/09/23	Date:	11/16/23	Date:	11/23/23	Date:	11/30/23
(Sample Location)		Sta.	Cl ₂	P/A	Cl ₂	P/A	Cl ₂	P/A	Cl ₂	P/A	Cl ₂	P/A
City of Berkley (WSSN #0630)												
Einstein Bagel	27350 Woodward Ave.	BE-1	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
Auto One	3080 11 Mile Rd.	BE-2	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
DPW Building	3226 Bacon St.	BE-3	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
Public Safety Building	2395 12 Mile Rd.	BE-4	0.60	A	0.60	A	0.60	A	0.60	A	0.60	A
Weekly Average			0.68		0.68		0.68		0.68		0.68	0.68
Village of Beverly Hills (WSSN #0690)												
Valvoline Oil Change	31005 Greenfield Rd.	BH-1	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
Public Safety Building	18600 W. 13 Mile Rd.	BH-2	0.60	A	0.60	A	0.60	A	0.60	A	0.60	A
Northbrook Church	22055 W. 14 Mile Rd.	BH-3	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
Weekly Average			0.67		0.67		0.67		0.67		0.67	0.67
Village of Bingham Farms (WSSN #0715)												
Tel Bingham Offices	30100 Telegraph Rd.	BF-1	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
OAC Building	32270 Telegraph Rd.	BF-2	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
Weekly Average			0.70		0.70		0.70		0.70		0.70	0.70
City of Birmingham (WSSN #0730)												
D.R.S.	925 Eton St.	BI-1	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
Adams Fire Station	572 Adams Rd.	BI-2	0.60	A	0.60	A	0.60	A	0.60	A	0.60	A
Police Station	151 Martin St.	BI-3	0.60	A	0.60	A	0.50	A	0.60	A	0.60	A
Chesterfield Fire Station	1600 W. Maple Rd.	BI-4	0.60	A	0.60	A	0.60	A	0.60	A	0.60	A
Chanelle Pastry	159 Eton	BI-5	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
Weekly Average			0.64		0.64		0.62		0.64		0.64	0.64
City of Clawson (WSSN #1440)												
Auger's Collision	726 S. Rochester Rd.	CL-1	0.60	A	0.60	A	0.60	A	0.60	A	0.60	A
Police Station	425 Livernois Rd.	CL-2	0.60	A	0.60	A	0.60	A	0.60	A	0.60	A
DPW Building	635 Elmwood Ave.	CL-3	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
National Coney	1331 Maple Rd.	CL-4	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
			0.65		0.65		0.65		0.65		0.65	0.65
City of Huntington Woods (WSSN #3310)												
Community Center	26325 Scotia St.	HW-1	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
H.W. D.P.W.	12795 W. 11 Mile Rd.	HW-2	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A

Community			Date:	11/02/23	Date:	11/09/23	Date:	11/16/23	Date:	11/23/23	Date:	11/30/23
(Sample Location)		Sta.	Cl ₂	P/A	Cl ₂	P/A	Cl ₂	P/A	Cl ₂	P/A	Cl ₂	P/A
Rackham Golf Course	10100 W. 10 Mile Rd.	HW-3	0.60	A	0.60	A	0.60	A	0.70	A	0.70	A
			0.67		0.67		0.67		0.70		0.70	0.68
City of Lathrup Village (WSSN #3800)												
Lathrup DPW	19101 12 Mile Rd.	LV-1	0.60	A	0.60	A	0.60	A	0.60	A	0.60	A
Hellenic Coney Island	27000 Evergreen Rd.	LV-2	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
Lathrup City Hall	27400 Southfield Rd.	LV-3	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
			0.67		0.67		0.67		0.67		0.67	0.67
City of Pleasant Ridge (WSSN #5390)												
D.P.W.	92 Amherst St.	PR-1	0.60	A	0.60	A	0.60	A	0.60	A	0.60	A
Sunoco Station	23701 Woodward Ave.	PR-2	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
Community Center	4 Ridge Rd.	PR-3	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
			0.67		0.67		0.67		0.67		0.67	0.67

Cl₂ (Chlorine measured in mg/L)

P/A (Presence/Absence 100 mL/sample)

City of Royal Oak (WSSN #5830)

Subway	1411 11 Mile Rd.	RO-1	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
Fire Station 6 th & Troy	216 6 th St.	RO-2	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
McPeeks Citgo	1702 Crooks Rd.	RO-3	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
Fire Station Wood/13	31000 Woodward Ave.	RO-4	0.60	A	0.60	A	0.60	A	0.60	A	0.60	A
Midas Muffler	32700 Woodward Ave.	RO-5	0.70	A	0.70	A	0.50	A	0.70	A	0.70	A
Brakes & More	2400 14 Mile Rd.	RO-6	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
McDonald's	3300 Rochester Rd.	RO-7	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
Howie Glass	940 Campbell Rd.	RO-8	0.70	A	0.70	A	0.00	A	0.70	A	0.70	A
Shell Gas	30875 Woodward Ave.	RO-9	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
Dunkin Donuts	1700 14 Mile Rd.	RO-10	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
Sunoco	4738 Rochester Rd.	RO-11	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
Burger King	1711 Main St.	RO-12	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
RO DPS	1600 Campbell Rd.	RO-13	0.60	A	0.60	A	0.60	A	0.60	A	0.60	A
Belle Tire	200 Stephenson Hwy	RO-14	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
Shell Gas	110 Washington	RO-15	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
			0.69		0.69		0.63		0.69		0.69	0.67

City of Southfield (WSSN #6160)

Dunkin Donuts	22111 Greenfield Rd.	SO-1	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
Marathon Gas	20020 8 Mile Rd.	SO-2	0.60	A	0.60	A	0.60	A	0.60	A	0.60	A
JAX Car Wash	27000 8 Mile Rd.	SO-3	0.60	A	0.60	A	0.60	A	0.60	A	0.60	A
Midas Muffler	24945 Telegraph Rd.	SO-4	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
Kirby's Coney Island	25050 Northwestern Hwy.	SO-5	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
Walgreens	28901 Greenfield Rd.	SO-6	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
Midas Muffler	26969 Greenfield Rd.	SO-7	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
OCRC Garage	27900 Clara Ln.	SO-8	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A

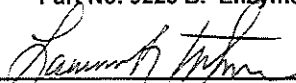
<i>Community</i>			Date:	11/02/23	Date:	11/09/23	Date:	11/16/23	Date:	11/23/23	Date:	11/30/23
<i>(Sample Location)</i>		Sta.	Cl ₂	P/A	Cl ₂	P/A	Cl ₂	P/A	Cl ₂	P/A	Cl ₂	P/A
JAX Car Wash	28845 Telegraph Rd.	SO-9	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
Ted Lindsey Center	30503 Greenfield Rd.	SO-10	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
Mobil Gas 9 Mile	18300 9 Mile Rd.	SO-11	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
Stop & Go	20041 12 Mile Rd.	SO-12	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
BP Gas	19995 9 Mile Rd.	SO-13	0.60	A	0.60	A	0.60	A	0.60	A	0.60	A
Stacker-Z	23145 Lahser Rd.	SO-14	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
Marriott	27027 Northwestern	SO-15	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
Subway	22514 Telegraph Rd.	SO-16	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
7-Eleven	26355 Telegraph Rd.	SO-17	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
Burger King	26211 12 Mile Rd.	SO-18	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
Mobil Gas 13 Mile	30915 Southfield Rd.	SO-19	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
McDonalds	30161 Southfield Rd.	SO-20	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
			0.69		0.69		0.69		0.69		0.69	0.69

Community			Date:	11/02/23	Date:	11/09/23	Date:	11/16/23	Date:	11/23/23	Date:	11/30/23
(Sample Location)		Sta.	Cl ₂	P/A	Cl ₂	P/A	Cl ₂	P/A	Cl ₂	P/A	Cl ₂	P/A
SOCWA Entry Points (WSSN #6150)												
Livernois Pump Station	224 Livernois Rd.	WA-1	0.20	A	0.20	A	0.20	A	0.20	A	0.20	A
Lamb Pump Station	21101 Greenfield Rd.	WA-2	0.20	A	0.20	A	0.20	A	0.20	A	0.20	A
Webster Pump Station	3910 W. Webster Rd.	WA-3	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
**from Webster 10 MG	3910 W. Webster Rd.	WA-4	0.50	A	0.50	A	0.50	A	0.50	A	0.50	A
**from Webster 7.5 MG	3910 W. Webster Rd.	WA-5	OOS	OOS	OOS	OOS	OOS	OOS	OOS	OOS	OOS	OOS
Gare Pump Station	24570 W. 12 Mile Rd.	WA-6	0.80	A	0.80	A	0.80	A	0.80	A	0.80	A
**from Gare 4.5 MG	24570 W. 12 Mile Rd.	WA-7	0.60	A	0.60	A	0.60	A	0.60	A	0.60	A
14 Mile Pump Station	16111 W. 14 Mile Rd.	WA-8	0.80	A	0.80	A	0.80	A	0.80	A	0.80	A
**from 14 Mile 5.0 MG	16111 W. 14 Mile Rd.	WA-9	0.60	A	0.60	A	0.60	A	0.60	A	0.60	A
Samoset Elevated Tank	2721 Samoset Rd.	WA-10	0.80	A	0.80	A	0.80	A	0.80	A	0.80	A
Oliver Pump Station	2443 Oliver Rd.	WA-11	0.80	A	0.80	A	0.80	A	0.80	A	0.80	A
Buchanan Pump Station	24250 W. 8 Mile Rd.	WA-12	0.30	A	0.30	A	0.30	A	0.30	A	0.30	A
**from Buchanan 2.5 MG	24250 W. 8 Mile Rd.	WA-13	OOS	OOS	OOS	OOS	OOS	OOS	OOS	OOS	OOS	OOS
			0.57		0.57		0.57		0.57		0.57	0.57
Metered Connections												
Detroit Zoo	8450 W. Ten Mile Rd.	MC-1	0.60	A	0.60	A	0.60	A	0.60	A	0.60	A
Beaumont Hospital	1301 13 Mile Rd.	MC-2	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
			0.65		0.65		0.65		0.65		0.65	0.65
Total: Routine Municipal Samples				76		76		76		76		76
Total: Water Main Construction & Misc.				0		7		0		0		0
Total: Samples for Month:	387			76		83		76		76		76

Method of Analysis: Analyzed per "STANDARD METHODS-for the Examination of Water and Wastewater"

Part No. 9223 B. Enzyme Substrate Test.

Examined by: Laurence Westmore



Date: 12.5.2023

SOUTHEASTERN OAKLAND COUNTY WATER AUTHORITY													
PRECIPITATION - INCHES (WEBSTER PUMPING STATION)													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1985	3.90	3.70	4.60	0.95	3.66	1.68	4.37	4.02	1.45	3.30	5.10	1.13	37.86
1986	1.68	2.73	1.74	1.91	2.10	4.62	2.79	3.10	5.48	2.48	0.95	1.95	31.53
1987	1.55	0.58	1.90	2.03	1.61	3.18	4.30	5.31	2.30	2.00	2.80	2.80	30.36
1988	0.60	1.53	0.40	1.40	1.00	0.55	2.80	2.05	3.25	3.43	2.61	0.80	20.42
1989	0.71	0.35	1.30	1.25	2.22	3.85	2.15	1.39	5.53	1.45	2.80	0.50	23.50
1990	1.52	4.18	1.40	1.95	3.00	2.25	2.03	4.30	3.90	3.70	2.35	3.40	33.98
1991	0.90	0.45	1.37	1.65	5.46	1.79	1.92	3.36	0.72	3.64	2.65	2.05	25.96
1992	1.35	1.24	2.98	2.75	0.85	2.05	6.40	2.30	3.10	1.95	4.20	1.80	30.97
1993	3.64	0.82	1.15	2.80	1.20	4.91	2.05	2.85	5.85	1.75	1.50	0.45	28.97
1994	2.15	0.55	2.20	2.70	0.70	5.21	1.30	2.77	1.20	2.33	3.02	2.20	26.33
1995	1.32	0.85	1.15	2.05	2.80	2.25	4.45	4.15	1.00	3.25	3.05	0.95	27.27
1996	1.45	1.30	1.00	3.75	3.30	4.20	1.85	0.40	4.45	2.20	2.15	1.30	27.35
1997	1.45	2.75	3.15	0.85	4.55	1.55	2.20	1.90	3.45	2.15	0.50	1.30	25.80
1998	2.80	2.85	4.60	2.86	1.65	1.75	2.80	6.85	1.00	2.05	1.00	1.45	31.66
1999	3.75	1.30	0.55	3.85	2.80	4.55	2.65	1.40	2.60	0.60	1.45	2.70	28.20
2000	1.30	0.50	1.05	3.20	4.25	5.00	4.10	2.55	4.35	2.00	1.05	2.70	32.05
2001	0.12	2.70	0.30	2.98	4.50	2.30	2.10	1.65	4.00	6.65	1.70	1.55	30.55
2002	1.55	1.45	1.10	0.65	1.90	1.05	4.35	0.70	2.85	0.96	2.00	0.90	19.46
2003	0.25	0.20	1.25	2.05	4.70	4.65	0.50	2.40	3.20	2.10	3.60	2.30	27.20
2004	2.60	0.40	2.40	0.05	6.80	2.30	2.70	3.70	0.80	1.65	2.45	3.00	28.85
2005	2.50	3.10	0.55	1.70	0.70	1.50	3.20	0.65	2.95	0.30	3.95	1.60	22.70
2006	2.50	0.95	2.95	2.05	5.20	3.30	1.60	1.90	2.56	2.90	3.00	3.40	32.31
2007	3.30	0.65	4.90	2.25	2.60	2.75	1.00	4.55	1.20	2.35	1.90	4.75	32.20
2008	2.40	3.90	1.90	0.40	1.95	3.85	3.05	0.27	6.55	1.80	3.15	4.05	33.27
2009	2.85	1.95	6.31	6.85	3.35	3.20	1.55	4.00	1.56	2.85	0.20	2.80	37.47
2010	0.80	1.65	0.67	1.80	4.30	3.40	4.95	0.25	2.70	2.20	4.30	0.70	27.72
2011	2.20	5.75	3.20	5.20	5.40	2.40	3.40	3.30	7.80	3.20	5.60	3.10	50.55
2012	2.60	0.40	2.10	0.50	1.10	0.90	3.80	4.30	2.00	1.70	0.72	0.00	20.12
2013	1.90	2.10	1.00	5.10	2.10	4.60	3.00	3.30	2.00	3.10	2.40	3.60	34.20
2014	1.30	0.70	0.80	2.60	2.40	3.10	2.70	7.20	2.20	1.70	2.40	1.20	28.30
2015	2.60	1.20	0.40	0.70	3.00	3.40	1.30	2.10	1.30	1.80	1.30	1.50	20.60
2016	0.93	0.70	2.54	0.98	1.59	0.50	2.85	2.80	4.49	1.80	1.35	1.70	29.57
2017	2.30	2.00	2.80	2.40	2.90	0.70	1.10	2.30	0.70	5.70	4.30	1.50	28.70
2018	1.43	3.25	2.01	2.20	5.25	1.14	1.08	1.36	4.34	5.37	2.71	1.60	31.74
2019	1.52	2.03	1.96	3.73	3.59	4.11	7.15	3.04	4.84	4.97	1.52	2.60	41.06
2020	4.21	1.21	3.41	1.44	3.25	2.22	2.46	7.31	2.72	3.27	2.49	5.30	39.29
2021	0.89	0.42	2.34	1.18	3.63	8.06	7.15	5.64	6.00	6.20	2.39	4.30	48.20
2022	2.43	1.69	2.52	2.66	3.69	2.71	3.06	4.93	1.89	0.53	1.28	2.60	29.99
AVG.	1.93	1.69	2.05	2.25	3.03	2.94	2.95	3.06	3.11	2.67	2.42	2.15	30.43
2023	1.48	1.76	1.63	3.92	1.07	4.77	4.25	5.47	1.42	3.14	1.19		30.10

December 8, 2023

Board of Trustees
Southeastern Oakland County Water Authority
SOCRRA

Subject: Closed Session – Legal Opinion

Board Members:

I am recommending that the Board go into closed session pursuant to MCL 15.268(h) to discuss a legal opinion from Mr. Davis. Mr. Davis' legal opinion will be discussed at the December Board meeting.

Respectfully submitted,

Jeffrey A. McKeen, P.E.
General Manager

Suggested Resolution: "That the Board convene in closed session pursuant to MCL 15.268(h) to discuss a legal opinion from Mr. Davis."