



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

AGENDA

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

Pleasant Ridge Community Center, 4 Ridge Road

1. Meeting Called to Order
2. Roll Call, Recognition of Visitors & Public Comment
3. Approval of Agenda
4. Approval of Minutes – Regular Meeting – August 9, 2023
5. Approval of Warrants – WA-857
6. **ADMINISTRATIVE REPORTS**
 - A. Lead and Copper Rule – System Materials Inventory and 2023 Testing
 - B. GLWA Issues
 - C. T-12 Parking Lease Amendment
 - D. Webster Water Main Leak
7. **ITEMS NOT ON AGENDA**
8. **MONTHLY REPORTS**
 - A. Water Consumption Reports – August 2023
 - B. Budget Analysis – August 2023

C. Budget Analysis – July 2023 – August 2023

D. Water Samples – August 2023

E. Precipitation – Inches (Webster Pumping Station)

Joint Meeting

1. Meeting Called to Order
2. Roll Call, Recognition of Visitors and Public Comment
3. 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 – August 9, 2023
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MINUTES OF THE REGULAR MEETING
OF THE
SOUTHEASTERN OAKLAND COUNTY WATER AUTHORITY

Wednesday, August 9, 2023 – Royal Oak Senior Center

The meeting was called to order at 8:41 a.m. by Mr. Kurt Jones, Vice-Chair.

<u>Present</u>	<u>Votes</u>	<u>Municipality</u>
Shawn Young	2	Berkley
Neil Johnston (Alternate)	2	Beverly Hills
Kurt Jones	1	Bingham Farms
Melissa Coatta	5	Birmingham
Trever Zablocki	1	Clawson
Rocco Fortura	1	Huntington Woods
Karen Miller	1	Lathrup Village
Aaron Filipski	10	Royal Oak
Patrick Ryan	15	Southfield
Neil Johnston (Alternate)	<u>1</u>	Southfield Township
 TOTAL	 39	

<u>Absent</u>		
Jim Breuckman	1	Pleasant Ridge

Also Present

Jeff McKeen, General Manager
Robert Jackovich, Operations Manager
Robert Davis, General Counsel
Colette Farris, Organizational Development Manager

-11419-

Motion by Mr. A. Filipski, supported by Ms. K. Miller:

That the agenda be approved as submitted.

Yeas: Young, Johnston, Jones, Coatta, Zablocki, Fortura, Miller, Filipski, Ryan, Johnston
(39 votes)

Nays: None

Absent: Breuckman (1 vote)

Motion Carried.

-11420-

Motion by Mr. P. Ryan, supported by Mr. N. Johnston:

That the June 14, 2023 Regular Meeting minutes be approved as submitted.

Yeas: Young, Johnston, Jones, Coatta, Zablocki, Fortura, Miller, Filipski, Ryan, Johnston
(39 votes)

Nays: None

Absent: Breuckman (1 vote)

Motion Carried.

-11421-

Motion by Mr. P. Ryan, supported by Ms. M. Coatta:

That Warrant No. WA-856 in the amount of \$2,046,990.15 be approved and payments authorized.

ROLL CALL VOTE

Yeas: Young, Johnston, Jones, Coatta, Zablocki, Fortura, Miller, Filipski, Ryan, Johnston
(39 votes)

Nays: None

Absent: Breuckman (1 vote)

Motion Carried.

-11422-

Motion by Mr. P. Ryan, supported by Ms. M. Coatta:

That the report on 2022/23 Operations be received and filed.

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

Motion Carried.

-11423-

Motion by Mr. A. Filipski, supported by Mr. P. Ryan:

That the report on Water and Sewer Rate Survey be received and filed.

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

Motion Carried.

-11424-

Motion by Mr. P. Ryan, supported by Ms. M. Coatta:

That the report on Lead and Copper Rule – System Materials Inventory and 2023 Testing be received and filed.

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

Motion Carried.

-11425-

Motion by Mr. P. Ryan, supported by Ms. K. Miller:

That the OPEB Actuarial Report be received and filed.

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

Motion Carried.

-11426-

Motion by Mr. A. Filipski, supported by Mr. P. Ryan:

That the report on GLWA issues be received and filed.

Yeas: Young, Johnston, Jones, Coatta, Zablocki, Fortura, Miller, Filipski, Ryan, Johnston
(39 votes)

Nays: None

Absent: Breuckman (1 vote)

Motion Carried.

-11427-

Motion by Mr. P. Ryan, supported by Mr. A. Filipski:

That the Board accept the proposal from RRS to update the SOCWA website at a cost not to exceed \$14,700.

ROLL CALL VOTE

Yeas: Young, Johnston, Jones, Coatta, Zablocki, Fortura, Miller, Filipski, Ryan, Johnston
(39 votes)

Nays: None

Absent: Breuckman (1 vote)

Motion Carried.

-11428-

Motion by Mr. P. Ryan, supported by Ms. K. Miller:

That the investments report made by the Authority for July 1, 2022 to June 30, 2023 be received and filed and made a part of the Board record.

Yeas: Young, Johnston, Jones, Coatta, Zablocki, Fortura, Miller, Filipski, Ryan, Johnston
(39 votes)

Nays: None

Absent: Breuckman (1 vote)

Motion Carried.

-11429-

Motion by Mr. P. Ryan, supported by Mr. N. Johnston:

That the Quarterly Legal Report be received and filed.

Yeas: Young, Johnston, Jones, Coatta, Zablocki, Fortura, Miller, Filipiski, Ryan, Johnston
(39 votes)

Nays: None

Absent: Breuckman (1 vote)

Motion Carried.

-11430-

Motion by Ms. M. Coatta, supported by Mr. S. Young:

That the Board approves Amendment 1 to the Agreement for Local Fiscal Recovery Fund Distribution Between Oakland County and SOCWA and authorizes the General Manager to execute the Amendment.

Yeas: Young, Johnston, Jones, Coatta, Zablocki, Fortura, Miller, Filipiski, Ryan, Johnston
(39 votes)

Nays: None

Absent: Breuckman (1 vote)

Motion Carried.

-11431-

Motion by Mr. A. Filipiski, supported by Ms. K. Miller:

That the Board approves an aggregate limit of \$6 million between the Oakland County Local Government Investment Pool and the Michigan Cooperative Liquid Assets Securities System.

Yeas: Young, Johnston, Jones, Coatta, Zablocki, Fortura, Miller, Filipiski, Ryan, Johnston
(39 votes)

Nays: None

Absent: Breuckman (1 vote)

Motion Carried.

-11432-

Motion by Mr. P. Ryan, supported by Mr. A. Filipiski:

That the resolution providing for the employee delegate and officer delegate to represent SOCWA in the Michigan Municipal Employees' Retirement Annual Meeting be adopted.

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

Motion Carried.

-11433-

Motion by Mr. P. Ryan, supported by Mr. S. Young:

That the report on the General Manager Search Process be received and filed.

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

Motion Carried.

-11434-

Motion by Mr. P. Ryan, supported by Ms. M. Coatta:

That the meeting be adjourned.

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

The meeting was adjourned at 9:15 a.m.

APPROVED: _____
Chair

Secretary

SOCWA
CHECK WARRANT
AUGUST 2023

WA 857
ACCT. 1020

CHECK #	PAYEE	AMOUNT	PURPOSE
58363	Fisher Scientific LLC	611.20	Supplies - Webster
58364	Great Lakes Water Authority	2,158,929.33	Purchase of Water
58365	Home Depot Credit Services	25.14	Safety Maintenance - Webster
58366	Main's Landscape Supply	492.90	Maintenance of Equipment
58367	Michigan Graphics Awards	120.00	Maintenance of Property & Grounds - Webster
58368	Voided Check	0.00	Voided Check
58369	Alerus Financial	9,591.64	Deferred Compensation
58370	Voided Check	0.00	Voided Check
58371	Paragon Laboratories Inc	4,978.50	Regulatory Testing
58372	Suburban Commercial Cleaning	650.00	Office Cleaning
58373	Voided Check	0.00	Voided Check
58374	MissionSquare	1,823.29	Deferred Compensation
58375	Michigan Municipal Risk Mgmt	21,135.00	Property & Liability Insurance
58376	Airgas USA LLC	470.52	Supplies - Webster
58377	Interstate Billing Services Inc	3,667.38	Maintenance of Equipment - Webster
58378	Voided Check	0.00	Voided Check
58379	Billings Lawn Equipment	11.40	Maintenance of Property & Grounds - Webster
58380	Davis Listman	1,562.75	Legal Services
58381	Lillian Dean	295.52	Maintenance of Property & Grounds - Webster
58382	Durst Lumber Company	56.32	Maintenance of Equipment
58383	Fisher Scientific LLC	84.83	Supplies - Webster
58384	Galco Industrial Electronics	130.36	Maintenance of Equipment
58385	Home Depot Credit Services	450.66	Maintenance of Equipment, Supplies, Tools - Webster
58386	McNaughton-McKay	722.64	Maintenance of Equipment
58387	Metal Mart U.S.A.	165.04	Supplies - Webster
58388	Employee Optical Dental Reimbursement	43.40	Employee Optical Dental Reimbursement
58389	Todd Rickerd	250.00	Employee Uniform Allowance
58390	Southfield Muffler	122.00	Maintenance of Equipment - Webster
58391	Fran Tatarelli	190.00	Maintenance of Property & Grounds - Webster
58392	UWA Local 413	540.00	Union Dues
58393	Environmental Resource Associates	417.92	Supplies - Webster
58394	TWN Consulting LLC	275.00	HR Consulting
58395	Alerus Financial	5,267.56	Deferred Compensation

SOCWA
CHECK WARRANT
AUGUST 2023

WA 857
ACCT. 1020

CHECK #	PAYEE	AMOUNT	PURPOSE
58396	Voided Check	0.00	Voided Check
58397	Paragon Laboratories Inc	2,460.50	Regulatory Testing
58398	Staples	153.07	Office Supplies
58399	MissionSquare	1,825.27	Deferred Compensation
58400	Eurofins Eaton Analytical LLC	445.00	Regulatory Testing
58401	Lunghamer Ford of Owosso	32,213.00	New Pickup Truck
58402	D'Angelo Brothers Inc.	83,813.40	Lead Service Line Replacement - BE
58403	Durst Lumber Company	7.77	Tools
58404	McNaughton-McKay	4,292.93	Maintenance of Equipment
58405	Laurence Westmore	250.00	Clothing Allowance
58406	Billy J. Young	250.00	Clothing Allowance
58407	Kennedy Industries Inc	30,204.00	Construction in Progress - 12 Mile Metering
58408	Erin Richmond	250.00	Clothing Allowance
58409	D'Angelo Brothers Inc.	24,005.60	Lead Service Line Replacement - HW
58410	Blue Cross Blue Shield of Michigan	24,062.53	Health Insurance
58411	Lunghamer Ford of Owosso	36,080.00	New Pickup Truck
58412	Employee Optical Dental Reimbursement	3,092.00	Employee Optical Dental Reimbursement
58413	Employee Optical Dental Reimbursement	168.00	Employee Optical Dental Reimbursement
58414	Employee Optical Dental Reimbursement	193.00	Employee Optical Dental Reimbursement
58415	SOCRRA	571.20	Maintenance of Property & Grounds - Webster
58416	Employee Optical Dental Reimbursement	153.65	Employee Optical Dental Reimbursement
58417	D'Angelo Brothers Inc.	33,893.00	Lead Service Line Replacement - BE, LV
58418	Employee Optical Dental Reimbursement	260.00	Employee Optical Dental Reimbursement
58419	Harbor Freight Tools	14.99	Safety Maintenance - Webster
58420	Home Depot Credit Services	267.59	Maintenance of Equipment, Maintenance of Building - Webster
58421	Main's Landscape Supply	333.13	Maintenance
58422	Florida Handling Systems Inc	315.00	Safety Maintenance - Webster
58423	Scott McDonald	750.00	Clothing Allowance, Equipment Rental Reimbursement
58424	McNaughton-McKay	158.14	Maintenance of Equipment - Webster
58425	O'Reilly Auto Parts	53.98	Supplies, Maintenance of Equipment - Webster
58426	The City of Southfield	5.42	Water & Sewer - Buchanan
58427	Standard Insurance Company	449.73	Life Insurance
58428	James White	250.00	Clothing Allowance
58429	Alerus Financial	5,368.78	Deferred Compensation, Defined Contribution, HCSP

SOCWA
CHECK WARRANT
AUGUST 2023

WA 857
ACCT. 1020

CHECK #	PAYEE	AMOUNT	PURPOSE
58430	Paragon Laboratories Inc	3,722.00	Regulatory Testing
58431	Staples	84.56	Office Supplies
58432	Jacob Lee	500.00	Clothing Allowance
58433	D'Angelo Brothers Inc.	33,992.80	Maintenance of Water Main
58434	Green Meadows Lawnscape Inc	740.00	Maintenance of Property & Grounds - Oliver & Samoset Tank
58435	Jeremy Johnson	500.00	Clothing Allowance
58436	MissionSquare	1,821.46	Deferred Compensation
58437	William Pasquin	500.00	Clothing Allowance
ACH	The TM Group	223.75	Accounting Software Consulting
ACH	Telnet Worldwide	212.18	Telephone
ACH	Ascentis	124.35	Monthly Time Clock Charges & Annual Hardware Agreement
EPAY	AFLAC	255.26	Supplemental Insurance
EPAY	Alerus Financial	7,533.76	Deferred Compensation
EPAY	Applied Imaging	88.00	Copier & Printer Maintenance
EPAY	AT&T	534.90	Cell Phones/Internet/Website
EPAY	Comcast	173.80	Internet/Website
EPAY	Consumers Energy	251.83	Natural Gas Service, all locations
EPAY	DTE	8,729.90	Electric Service, multiple locations
EPAY	Flagstar	321.27	Credit Card, Details on Page 4
EPAY	Verizon	395.10	Internet/Website/SCADA
EPAY	WOW! Business	491.04	Internet/Website

2,560,886.94

1020 OPERATION & MAINTENANCE FUND

2,560,886.94

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

SOCWA
CHECK WARRANT
AUGUST 2023

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

WA 857
ACCT. 1020

	PAYEE	AMOUNT	PURPOSE
EPAY	Flagstar Credit Card - Detail	140.11	Administrative Office Expense
		132.00	Maintenance of Equipment
		7.39	Administrative Office Expense
		41.77	Administrative Office Expense
		321.27	

September 7, 2023

Board of Trustees
Southeastern Oakland County Water Authority

Subject: Lead and Copper Rule – System Materials Inventory and 2023 Testing

Board Members:

Almost all of the EGLE required lead and copper samples have been completed for the 2023 testing period. We are working with the remaining communities that have outstanding locations to sample to get the sampling completed. We are working on the EGLE reporting for each community. To date, no communities have had lead results over the 15 ppb action level.

We did have a sampling issue with water quality parameters testing for one location in Birmingham. Our lab technician obtained a sample from a location in the Whole Foods location in Birmingham that was being routinely used. As a result, an extremely low level of phosphate was recorded. Under the new EGLE rules, we should have resampled this location to verify that an acceptable phosphate level was achieved. Our lab technician did not do that. As a result, EGLE has informed Birmingham that they will receive a violation notice, which must be communicated to their residents, and do additional lead testing for two consecutive six-month monitoring periods. We believe that this is an extreme overreaction by EGLE to one test location having one bad parameter. We are working with Birmingham, their attorney and Mr. Davis to prepare an appeal to EGLE. Our lab technician has been reinstructed regarding the requirements for resampling if a bad sample result is obtained.

HRC is working with Berkley, Bingham Farms, Birmingham, Beverly Hills, and Southfield with the preparation of their CDSMI. If other communities are interested in using the services of HRC, please work directly with Brad Shepler to set up an agreement between HRC and your community for the appropriate level of service required.

Respectfully submitted,

Jeffrey A. McKeen, P.E.
General Manager

Suggested Resolution: “That the report on Lead and Copper Rule – System Materials Inventory and 2023 Testing be received and filed.”

September 8, 2023

Board of Trustees
Southeastern Oakland County Water Authority

Subject: GLWA Issues

Board Members:

This report is intended to update the Board on the issues regarding GLWA and the Highland Park unpaid bill issue that have been discussed at recent Board meetings.

Highland Park Cases

There have been no new developments in the Highland Park cases. The stays of the various court actions continue until October 1, 2023. It appears that settlement discussions are ongoing between GLWA, Highland Park and the state of Michigan. It appears that GLWA's General Counsel will be leaving GLWA. We will work with the new General Counsel to indicate our interest in the Highland Park cases. Mr. Davis is continuing to follow any developments in these cases with GLWA's outside counsel.

GLWA has not yet announced when the bill credits resulting from the incremental \$1 million payment from Highland Park will be applied. SOCWA's plan to issue corresponding bill credits, which total only \$8,200, to our customers is on hold until the GLWA bill credits are issued. It is unclear if GLWA plans to issue any additional bill credits for additional payments from Highland Park.

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. GLWA denied our initial claim for payment, but they have not responded to our withheld payment. GLWA's outgoing General Counsel has verbally proposed a settlement in this matter. Mr. Davis and I will be following up to complete a settlement during September.

GLWA Contract Reopener

We will be meeting with GLWA during September to discuss the maximum day and peak hour values in our water purchase contract. We are reviewing our operating results for this summer in order to present our case to GLWA. SOCWA's maximum day this year was June 5 when we purchased 46.22 mgd from GLWA compared with our current contract limit of 60.5 mgd.

Respectfully submitted,

Jeffrey A. McKeen, P.E.
General Manager

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

September 7, 2023

Board of Trustees
Southeastern Oakland County Water Authority

Subject: T-12 Parking Lease Amendment

Board Members:

SOCWA currently leases a portion of our property located on 12 Mile just west of Telegraph to T-12 Office LLC, the owner of the old Comerica building on Telegraph just north of 12 Mile. When this lease was originated, T-12 thought that they might be required to install additional parking by the City of Southfield. That requirement did not develop, so nothing was done with the leased property, but we still receive monthly lease income.

T-12 is redeveloping their property again and they have requested that we double the square footage being leased from SOCWA in order to develop parking that they believe will be required for their new property uses. T-12 believes that this time they will be paving a portion of our property. We have discussed amending the existing lease to encompass the additional square footage with a commensurate increase in our lease revenue. We are awaiting a draft lease amendment from T-12 that can be reviewed with the Board.

The existing lease allows SOCWA to cancel the lease for any reason with two years' notice and requires that any paving on the site be reviewed and approved by SOCWA.

Respectfully submitted,

Jeffrey A. McKeen, P.E.
General Manager

Suggested Resolution: "That the report on T-12 Parking Lease Amendment be received and filed."

September 7, 2023

Board of Trustees
Southeastern Oakland County Water Authority

Subject: Webster Water Main Leak

Board Members:

In the evening of Monday, August 14, SOCWA experienced a large water main leak on Webster Road right in front of our administrative office. Our on-duty operator noticed sudden, large decreases in the two pressure sensors used to monitor the water system near our office and called in all available personnel. The leak location was obvious as a large amount of water was observed filling the streets in Berkley near our office. The responding SOCWA personnel were able to quickly isolate the leak location while maintaining supply to the remainder of the SOCWA system. Adequate pressures were maintained at all community meters during this period so there was no need for a boil water advisory.

Our contractor excavated the leak location on August 15 and determined that a 12” cap on a tee on a 12” line between our 30” concrete main and an emergency connection to Berkley had blown off the main due to corroded bolts. The repair was simply to install a new cap on the tee. In addition, all other bolts exposed in the excavation were replaced. The SOCWA main was returned to normal service following the completion of the appropriate water testing. We are waiting for the contractor to replace the pavement that was removed during the excavation for the repair.

I was very pleased with the responsiveness and performance of the SOCWA staff during this event. We were also assisted by the Berkley DPW staff, who were of great help with traffic control and barricade placement while the main was leaking.

We did have two minor property damage claims that resulted from water entering residents’ basements. We are working with Mr. Davis to evaluate those claims.

Respectfully submitted,

Jeffrey A. McKeen, P.E.
General Manager

Suggested Resolution: “That the report Webster Water Main Leak be received and filed.”

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

August 2023

<u>Purchase from Detroit</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>
Buchanan	0.00	0.00	0.00	0.00
Lamb	0.28	0.28	7.33	0.38
Shafter	1.30	1.30	3.84	0.91
12 Mile	10.53	10.35	6.78	10.42
14 Mile	13.26	10.88	5.97	10.12
16 Mile	2.03	1.76	2.44	1.26
Bloomfield Hills	2.45	1.86	2.20	1.76
Bloomfield Twp	<u>9.63</u>	<u>6.56</u>	<u>8.00</u>	<u>6.17</u>
Total:	39.48	32.99	36.56	31.02
<u>Sold by Authority</u>				
Berkley	1.15	1.13	1.09	1.03
Beverly Hills	1.35	1.11	1.11	1.00
Bingham Farms	0.42	0.35	0.39	0.33
Birmingham	3.90	3.15	3.52	3.23
Bloomfield Hills	2.45	1.86	2.20	1.76
Bloomfield Twp	10.12	7.14	8.86	6.87
Clawson	0.75	0.86	0.83	0.77
Huntington Woods	0.72	0.60	0.66	0.53
Lathrup Village	0.56	0.48	0.39	0.31
Pleasant Ridge	0.38	0.34	0.34	0.29
Royal Oak	6.25	5.50	6.88	5.45
Southfield	11.01	10.03	10.41	9.22
Detroit (Zoo & Rackham)	<u>0.50</u>	<u>0.47</u>	<u>0.44</u>	<u>0.39</u>
Total:	39.56	33.02	37.12	31.18
Water Sales Over or Under Water Purchased	0.08	0.03	0.56	0.16
Per Cent	0.20%	0.09%	1.53%	0.52%

SOUTHEASTERN OAKLAND COUNTY WATER AUTHORITY
INCOME STATEMENT
08/01/23 - 08/31/23

	Period Actual	Period Budget	Variance
REVENUES			
SALE OF WATER MEMBERS	1,772,234.46	2,056,459.00	(284,224.54)
SALE OF WATER OTHERS	1,178,774.10	1,581,052.00	(402,277.90)
TOTAL SALE OF WATER REVENUES	2,951,008.56	3,637,511.00	(686,502.44)
RENTALS	2,183.90	6,395.10	(4,211.20)
WATER ANALYSIS & MISC	300.00	1,000.00	(700.00)
INTEREST ON INVESTMENTS	22,602.11	12,500.00	10,102.11
GRANT REVENUE	0.00	0.00	0.00
TOTAL OTHER REVENUES	25,086.01	19,895.10	5,190.91
TOTAL REVENUES	2,976,094.57	3,657,406.10	(681,311.53)
LEAD SERVICE REPLACEMENT	157,113.00	250,000.00	(92,887.00)
EXPENSES			
PURCHASE OF WATER FOR RESALE	0.00	0.00	0.00
POWER, PUMPING & GROUNDS WEBSTER	40,427.33	49,738.34	(9,311.01)
POWER, PUMPING & GROUNDS	16,102.14	27,182.18	(11,080.04)
COMPUTER OPERATIONS	6,048.21	8,583.33	(2,535.12)
PURIFICATION	17,332.55	12,877.08	4,455.47
METERS & MAINS	50,228.27	21,888.98	28,339.29
ADMINISTRATION & GENERAL	90,547.52	64,350.00	26,197.52
TOTAL EXPENSES	220,686.02	184,619.91	36,066.11
LEAD SERVICE LINE REPLACEMENT	57,898.60	250,000.00	(192,101.40)
CURRENT PERIOD INCOME	2,755,408.55	3,472,786.19	(717,377.64)

SOUTHEASTERN OAKLAND COUNTY WATER AUTHORITY
INCOME STATEMENT
07/01/23 - 08/31/23

	Period Actual	Period Budget	Variance
REVENUES			
SALE OF WATER MEMBERS	3,646,921.74	4,265,918.00	(618,996.26)
SALE OF WATER OTHERS	2,502,082.56	3,375,104.00	(873,021.44)
TOTAL SALE OF WATER REVENUES	6,149,004.30	7,641,022.00	(1,492,017.70)
RENTALS	8,579.00	12,790.20	(4,211.20)
WATER ANALYSIS & MISC	300.00	2,000.00	(1,700.00)
INTEREST ON INVESTMENTS	40,048.42	25,000.00	15,048.42
GRANT REVENUE	0.00	0.00	0.00
TOTAL OTHER REVENUES	48,927.42	39,790.20	9,137.22
TOTAL REVENUES	6,197,931.72	7,680,812.20	(1,482,880.48)
LEAD SERVICE REPLACEMENT	157,113.00	500,000.00	(342,887.00)
EXPENSES			
PURCHASE OF WATER FOR RESALE	0.00	0.00	0.00
POWER, PUMPING & GROUNDS WEBSTER	78,521.33	113,526.68	(35,005.35)
POWER, PUMPING & GROUNDS	23,662.79	56,826.86	(33,164.07)
COMPUTER OPERATIONS	15,306.61	17,666.33	(2,359.72)
PURIFICATION	22,232.63	25,754.16	(3,521.53)
METERS & MAINS	57,582.79	43,805.46	13,777.33
ADMINISTRATION & GENERAL	176,893.47	197,000.00	(20,106.53)
IN TRANSIT	4,981,044.33	5,552,000.00	(570,955.67)
TOTAL EXPENSES	5,355,243.95	6,006,579.49	(651,335.54)
LEAD SERVICE LINE REPLACEMENT	57,898.60	500,000.00	(442,101.40)
CURRENT PERIOD INCOME	842,687.77	1,674,232.71	(831,544.94)

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: **August 2023**

of Weeks: **5**

Community		Date:	08/03/23	Date:	08/10/23	Date:	08/17/23	Date:	08/24/23	Date:	08/31/23	
(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	0.50	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		0.62		0.62		0.64		0.64	0.63
City of Clawson (WSSN #1440)												
Auger's Collision	726 S. Rochester Rd.	CL-1	0.70	A	0.70	A	0.70	A	0.70	A	0.70	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
			0.68		0.68		0.68		0.68		0.68	0.68
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:	08/03/23	Date:	08/10/23	Date:	08/17/23	Date:	08/24/23	Date:	08/31/23
(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	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
			0.70		0.70		0.70		0.70		0.70	0.70
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	0.70	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		0.70		0.67	0.68

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	0.70	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	0.50	A	0.50	A	0.50	A	0.50	A	0.50	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
			0.68		0.68		0.63		0.68		0.68	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	0.70	A	0.70	A	0.60	A	0.70	A	0.70	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

Community			Date:	08/03/23	Date:	08/10/23	Date:	08/17/23	Date:	08/24/23	Date:	08/31/23
(Sample Location)		Sta.	Cl ₂	P/A	Cl ₂	P/A	Cl ₂	P/A	Cl ₂	P/A	Cl ₂	P/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
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:	08/03/23	Date:	08/10/23	Date:	08/17/23	Date:	08/24/23	Date:	08/31/23
(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	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
Lamb Pump Station	21101 Greenfield Rd.	WA-2	0.50	A	0.30	A	0.20	A	0.20	A	0.70	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	0.60	A	0.60	A	0.70	A	0.70	A	0.70	A
**from Webster 7.5 MG	3910 W. Webster Rd.	WA-5	0.60	A	0.50	A	0.30	A	0.30	A	0.30	A
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	0.40	A	0.40	A	0.30	A	0.40	A
**from Buchanan 2.5 MG	24250 W. 8 Mile Rd.	WA-13	OOS	OOS	OOS	OOS	OOS	OOS	OOS	OOS	OOS	OOS
			0.65		0.63		0.62		0.61		0.66	0.63
Metered Connections												
Detroit Zoo	8450 W. Ten Mile Rd.	MC-1	0.70	A	0.70	A	0.70	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
			0.70		0.70		0.70		0.65		0.65	0.68
Total: Routine Municipal Samples				76		76		76		76		76
Total: Water Main Construction & Misc.				0		4		6		4		0
Total: Samples for Month:	394			76		80		82		80		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:

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					24.35