

SOUTHEASTERN OAKLAND COUNTY

WATER AUTHORITY

BUDGET

2023/24



SOUTHEASTERN OAKLAND COUNTY
WATER AUTHORITY

BOARD OF TRUSTEES

2022/23

<u>Municipality</u>	<u>Representative</u>
City of Berkley	S. Young
Village of Beverly Hills	J. Campbell
Village of Bingham Farms	K. Jones
City of Birmingham	M. Coatta
City of Clawson	T. Zablocki
City of Huntington Woods	R. Fortura
City of Lathrup Village	S. Montenegro
City of Pleasant Ridge	J. Breuckman
City of Royal Oak	A. Filipski
City of Southfield	P. Ryan
Township of Southfield	J. Campbell

General Manager
J. A. McKeen

Operations Manager
R. Jackovich

SOUTHEASTERN OAKLAND COUNTY WATER AUTHORITY

BUDGET - 2023/24

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April 30, 2023

Board of Trustees
Southeastern Oakland County Water Authority

Subject: Proposed Budget - 2023/24

Board Members:

Attached for your consideration is a proposed budget for the fiscal year beginning July 1, 2023. This budget will be discussed at our May Board meeting. A public hearing on the budget is scheduled for Wednesday, June 14, 2023 at 8:30 a.m. at the Ferndale Public Library, 222 E. Nine Mile Road.

Water Rate - Member Municipalities

The proposed budget is based on the water rates for the member municipalities increasing by 4.35% to an overall rate of \$19.18 per 1,000 cubic feet. I am also proposing to continue the recovery of 10% of the projected annual costs from each member and customer community through the use of a fixed monthly charge. The proposed fixed monthly charge for each community is listed on pages 12-13. The use of a fixed monthly charge reduces the commodity rate for water sold to the member communities to \$17.26 per 1,000 cubic feet. These are the same rates that were communicated to the board at the February Board meeting.

Water Rate - Bloomfield Hills and Bloomfield Twp.

The proposed budget is based on the current water rates for Bloomfield Hills and Bloomfield Twp. increasing by 4.35% to an overall rate of \$33.86 per 1,000 cubic feet. The use of a 10% fixed monthly charge reduces the commodity rate for water sold to the non-member communities to \$30.47 per 1,000 cubic feet. These are the same rates that were communicated to Bloomfield Hills and Bloomfield Twp. in February 2023.

Basis for the Proposed Budget

The proposed 2023/24 budget is prepared assuming that sufficient total revenue will be generated to pay for the operating costs and part of the capital expenses incurred during the fiscal year. The proposed budget will decrease our working capital by \$920,815 and the working capital will remain above the board approved minimum of 8.3% of annual expenses.

Budget Assumptions

The following assumptions were used to develop the proposed budget:

1. GLWA water rates increased by 7.3% from the 2022/23 rates. This rate increase has been approved by the GLWA Board.
2. Union wages were increased by 5% for 2023/24.
3. Salaried wages were increased by 4% for 2023/24.
4. Health care costs for active employees and non-Medicare eligible retirees were projected to increase by 5% from their current levels. Health care costs for Medicare eligible retirees are projected to increase by 2% from their current levels.
5. 100% of retiree health insurance costs will be paid from the Health Care Savings Plans. Both the salaried and union plans are over 100% funded.

6. The number of salaried employees remains unchanged from the 2022/23 budget. The number of union employees was unchanged from the 2022/23 budget and includes one open position.
7. Water consumption by the member communities and by Bloomfield Hills and Bloomfield Twp. was estimated as the two-year average for the 2020 and 2022 calendar years. The water consumption for the 2021 calendar year was not used because of the record amount of precipitation that occurred during the summer and fall of 2021.
8. Insurance premiums were estimated as follows:
 - a. Property and Liability remained unchanged from 2022/23 and no excess assets were distributed by the MMRMA.
 - b. Workers' Compensation remained unchanged from 2022/23 and no excess assets were distributed by the MML.
9. No contributions are budgeted for the union or salaried MERS Health Care Savings Plans. Both plans were fully funded as of June 30, 2022.
10. No incremental contributions to the MERS Salaried or Union Pension Plans are budgeted. Both plans were fully funded when MERS completed their most recent valuations in June 2022. Both plans are being funded at the levels required by MERS.
11. SOCWA will be paying for all EGLE required water testing in 2023/24 including lead and copper and water quality testing.
12. The contracts for lead service line replacements and service line verifications will result in the expenditure of \$2,500,000 for 2023/24. These costs will be billed to the appropriate community and the resulting revenue will completely offset the expenditure.

Employees' Retirement Plan

The Authority is a member of the Michigan Municipal Employees' Retirement System (MERS). As of December 31, 2021 (the most recent data available), the plan covering the union employees hired before July 1, 2011 was 104.3% funded, the plan covering the union employees hired after July 1, 2011 was 120.2% funded, the plan covering the salaried employees hired before July 1, 2011 was 108.7% funded and the plan covering the salaried employees hired after July 1, 2011 was 83.8% funded. The overall funding level was 106.2% for the combined pension plans. For the 2023/24 fiscal year, the Authority will contribute approximately 5% of union payroll to fund the union retirement plan and 11% of salaried payroll to fund the salaried retirement plan. The costs for the pension plans are reduced by the contributions from the union employees and salaried employees of 2.5% and 6% of salary, respectively. MERS made significant changes to the actuarial assumptions that were used for the December 31, 2020 valuation report, all of which served to decrease our level of funding. For 2023/24, MERS offered the opportunity to either reflect the full impact of these assumption changes or to phase-in the impact of these changes over a five-year period. The budget for 2023/24 reflects the full impact of the MERS assumption changes.

Proposed Budget – 2023/24

Pages 8-11 outline the proposed Budget for the fiscal year beginning July 1, 2023. The Budget proposal sets forth the detailed estimates of all anticipated income and expenditures. Monthly estimates have been developed for each revenue and expense category. This information is not included in this package.

Following is a comparison of the proposed 2023/24 Budget with figures for the past five years:

WATER CONSUMPTION
THOUSAND CUBIC FEET

2023/24 Budget	1,307,000
Estimated 2022/23	1,310,900
Actual 2021/22	1,234,819
Actual 2020/21	1,300,540
Actual 2019/20	1,253,003
Actual 2018/19	1,279,659

	Total Revenues	Total Expenditures	Available For Capital Improvements
2023/24 Budget	\$29,992,300	\$29,618,115	\$374,185
Estimated 2022/23	\$28,629,100	\$27,220,500	\$1,408,600
Actual 2021/22	\$27,071,400	\$26,338,347	\$733,053
Actual 2020/21	\$27,088,883	\$25,727,927	\$1,360,956
Actual 2019/20	\$25,701,348	\$24,836,258	\$865,090
Actual 2018/19	\$26,419,146	\$25,336,235	\$1,082,911

Estimated Water Consumption and Revenue

The table on pages 12-13 shows the volume of water projected to be used and the revenue projected from each community, including the 10% fixed charge, in the 2023/24 fiscal year. The estimated volumes and revenues for 2022/23 and the actual volumes and revenues for 2021/22 and 2020/21 are also included.

Comparative Statement – Revenues and Expenses

Page 14 shows a comparative statement of revenues and expenses from the operation of the water system. The average revenue per 1,000 cubic feet of water is estimated at \$22.95.

Comparative Statement – Sale of Water

The table on page 15 shows the distribution of the quantities of water sold for each calendar month during the fiscal year. Water sales to the members of the Authority and to Bloomfield Hills and Bloomfield Twp. for 2023/24 were estimated as the two-year average for the water sales for the calendar years 2020 and 2022. The actual water sales for calendar year 2021 were not used due to the record rainfall during the summer and fall of 2021.

The table on page 16 shows a comparative statement illustrating the amount of water purchased by the individual member municipalities based on annual averages.

Maximum Day

Page 17 shows the allocated capacity presently assigned to the various municipalities making up the membership of the Authority.

Summary of Annual Sales

The chart on page 18 shows the history of water sales for the last eight years and also includes the projected water sales for 2022/23 and 2023/24.

Distribution of Expenses

The chart on page 19 illustrates the distribution of expenses proposed for the 2023/24 fiscal year. Approximately 87% of the expenses of the Authority are for water purchased from GLWA.

Capital Improvement Expenditures

On page 20 is a proposed list of capital improvement expenditures in the amount of \$1,295,000 for the fiscal year 2023/24. Each of the capital improvement projects will be reviewed with the Board before the project begins.

Organizational Structure

Page 21 shows the organizational structure of the Authority, listing the number of personnel involved in the operation of the Authority.

Respectfully submitted,

Jeffrey A. McKeen, P.E.
General Manager

SOUTHEASTERN OAKLAND COUNTY WATER AUTHORITY

PROPOSED BUDGET

2023/24

	2023/24 Budget	2022/23 Estimate	2022/23 Budget
REVENUES			
Sale of Water Members	\$19,015,100	\$18,370,400	\$17,586,000
Sale of Water Others	10,686,200	9,968,900	10,056,200
Rentals	131,000	131,000	130,600
Water Analysis, Lab & Misc.	10,000	6,000	10,000
Interest on Investments	150,000	76,200	30,000
Grant Revenue	0	76,600	0
TOTAL REVENUES	\$29,992,300	\$28,629,100	\$27,812,800
Lead Service Replacement/Service Verification	\$2,500,000	\$2,800,000	\$1,500,000
EXPENSES			
WATER PURCHASED	\$27,357,000	\$25,181,000	\$25,154,337
Webster Station			
Operations Labor	\$59,050	\$55,200	\$56,320
System Monitoring Labor	252,750	253,200	242,685
Vacation, Personal & Longevity	89,000	83,300	82,500
Payment in lieu of sick	12,000	10,700	12,000
Gas	9,000	8,000	8,500
Electric	41,000	58,300	40,000
Maintenance of Equipment	20,000	18,500	20,000
Maintenance of Building	10,000	7,700	10,000
Maintenance of Property & Grounds	11,000	7,800	11,000
Safety Training	4,500	1,900	4,500
Safety Maintenance/Supplies	5,500	2,700	5,500
Supplies	15,000	13,800	15,000
Tools	6,000	6,600	6,000
Maintenance of Reservoirs	3,000	1,300	3,000
Maintenance of Tank	<u>2,000</u>	<u>800</u>	<u>2,000</u>
Total	\$539,800	\$529,800	\$519,005
Webster Computer Operations			
Labor	\$55,500	\$55,100	\$52,850
Website and Internet Connection	15,000	14,100	15,000
Computer Hardware Maintenance	15,000	8,600	15,000
Computer Software Maintenance	15,000	13,400	15,000
UPS	<u>3,000</u>	<u>1,000</u>	<u>2,500</u>
Total	\$103,500	\$92,200	\$100,350
Shafter Pump Station			
Labor	\$26,750	22,200	\$25,300
Gas	3,000	2,000	3,000
Electric	12,000	15,100	12,000
Maintenance of Equipment	11,000	9,700	11,000
Maintenance of Building	<u>6,000</u>	<u>2,700</u>	<u>6,000</u>
Total	\$58,750	\$51,700	\$57,300

SOUTHEASTERN OAKLAND COUNTY WATER AUTHORITY

PROPOSED BUDGET

2023/24

	2023/24 Budget	2022/23 Estimate	2022/23 Budget
Lamb Pumping Station			
Labor	\$26,750	\$22,200	\$25,300
Gas	2,700	2,300	2,700
Electric	10,000	23,000	9,000
Maintenance of Equipment	11,000	5,400	11,000
Maintenance of Building	6,000	<u>2,800</u>	6,000
Total	\$56,450	\$55,700	\$54,000
12 Mile Meter Station			
Labor	\$18,400	\$15,200	\$17,375
Gas	1,200	1,100	1,200
Electric	550	400	550
Maintenance of Equipment	2,500	1,100	2,500
Maintenance of Building	500	200	500
Maintenance of Property & Grounds	<u>500</u>	<u>200</u>	<u>500</u>
Total	\$23,650	\$18,200	\$22,625
Gare Pump Station			
Labor	\$32,850	\$27,000	\$31,025
Gas	5,500	5,000	5,200
Electric	13,000	9,800	13,000
Maintenance of Equipment	6,000	19,000	6,000
Maintenance of Building	2,000	1,100	2,000
Maintenance of Property & Grounds	2,000	800	2,000
Maintenance of Reservoir	<u>2,000</u>	<u>800</u>	<u>2,000</u>
Total	\$63,350	\$63,500	\$61,225
Oliver Pump Station			
Labor	\$15,030	\$11,800	\$13,640
Gas	2,000	1,700	2,000
Electric	2,700	2,100	2,500
Maintenance of Equipment	2,000	1,600	1,000
Maintenance of Building	1,000	400	1,000
Maintenance of Property & Grounds	<u>3,250</u>	<u>4,200</u>	<u>3,000</u>
Total	\$25,980	\$21,800	\$23,140
14 Mile/Lahser Meter			
Labor	\$13,030	11,200	\$12,300
Electric	600	400	600
Maintenance of Equipment	<u>4,000</u>	1,700	<u>4,000</u>
Total	\$17,630	\$13,300	\$16,900
Quarton/Chesterfield Meter			
Labor	\$13,030	\$11,200	\$12,300
Electric	600	400	600
Maintenance of Equipment	2,500	2,600	2,500
Maintenance of Property & Grounds	<u>0</u>	<u>0</u>	<u>0</u>
Total	\$16,130	\$14,200	\$15,400

SOUTHEASTERN OAKLAND COUNTY WATER AUTHORITY

PROPOSED BUDGET

2023/24

	2023/24 Budget	2022/23 Estimate	2022/23 Budget
Bloomfield Hills Meter			
Labor	\$5,170	\$5,400	\$5,425
Maintenance of Equipment	<u>0</u>	<u>0</u>	<u>0</u>
Total	\$5,170	\$5,400	\$5,425
Bloomfield Twp. Meter			
Labor	\$5,170	\$5,400	\$5,425
Maintenance of Equipment	<u>\$0</u>	<u>\$800</u>	<u>\$2,000</u>
Total	\$5,170	\$6,200	\$7,425
14 Mile Station			
Labor	\$32,850	\$27,000	\$31,025
Gas	3,000	2,500	3,000
Electric	10,000	9,300	10,000
Maintenance of Equipment	4,000	3,000	4,000
Maintenance of Building	1,000	400	1,000
Maintenance of Property & Grounds	3,250	1,200	3,000
Maintenance of Reservoir	2,000	800	2,000
Maintenance of Tank	2,000	800	2,000
Maintenance of Birmingham Tanks	<u>2,000</u>	<u>900</u>	<u>2,000</u>
Total	\$60,100	\$45,900	\$58,025
Samoset Tank			
Labor	\$15,030	\$11,800	\$13,640
Gas	1,000	600	550
Electric	1,000	500	1,000
Maintenance of Tank	2,000	800	2,000
Maintenance of Equipment	1,000	500	1,000
Maintenance of Building	1,000	400	1,000
Maintenance of Property & Grounds	<u>3,250</u>	<u>3,400</u>	<u>1,000</u>
Total	\$24,280	\$18,000	\$20,190
Buchanan Station			
Labor	\$15,030	\$11,800	\$13,640
Gas	1,500	1,300	1,500
Electric	550	500	500
Maintenance of Equipment	2,000	1,300	2,000
Maintenance of Building	2,000	5,000	1,000
Maintenance of Property & Grounds	3,250	900	500
Maintenance of Reservoir	<u>1,000</u>	<u>400</u>	<u>1,000</u>
Total	\$25,330	\$21,200	\$20,140
Webster Lab			
Labor	\$63,525	\$62,000	\$59,290
Maintenance of Equipment	1,000	400	1,000
Supplies	30,000	15,500	22,000
Regulatory Testing	<u>60,000</u>	<u>66,300</u>	<u>57,000</u>
Total	\$154,525	\$144,200	\$139,290
Source of Supply Meters			
Labor	\$45,000	\$41,900	\$42,650
Electric	9,000	8,000	9,000
Maintenance of Equipment	<u>40,000</u>	<u>20,700</u>	<u>40,000</u>
Total	\$94,000	\$70,600	\$91,650

SOUTHEASTERN OAKLAND COUNTY WATER AUTHORITY

PROPOSED BUDGET

2023/24

	2023/24 Budget	2022/23 Estimate	2022/23 Budget
Source of Supply Mains			
Labor	\$26,300	\$10,300	\$24,810
Maintenance	30,000	13,000	30,000
Miss Dig	45,000	36,000	45,000
Total	\$101,300	\$59,300	\$99,810
Webster Transportation			
Labor	\$10,700	\$8,000	\$10,140
Maintenance of Equipment	20,000	17,000	20,000
Fuel	25,000	23,200	25,000
Total	\$55,700	\$48,200	\$55,140
Administrative and General			
Labor & Supervision	\$231,400	\$207,100	\$218,000
Payment in lieu of sick	6,000	5,900	6,000
Administrative and Office	25,000	21,000	48,000
Travel Conference	5,000	3,700	5,000
Personnel Improvement	5,000	5,000	5,000
Telephone - Office	3,000	2,800	3,000
Legal	15,000	14,300	10,000
Audit	22,600	23,800	20,000
Retirement Plan	94,000	114,100	114,000
Social Security	106,000	76,000	106,000
Insurance - General	41,000	29,600	39,000
Insurance - Workers Comp	20,800	10,100	14,000
Health Insurance	216,500	203,800	201,000
Life Insurance	3,000	2,700	3,000
Paying Agent Fee	0	0	0
Bonds	1,000	500	1,000
Consulting	30,000	35,000	30,000
Grant Expenses	0	0	0
Miscellaneous	5,000	4,700	5,000
Total	\$830,300	\$760,100	\$828,000
Total Operating Expenses	\$29,618,115	\$27,220,500	\$27,349,377
Funds Remaining	374,185	1,408,600	463,423
Lead Service Replacement/Service Verification	\$2,500,000	\$2,800,000	\$1,500,000
Capital Expense	\$1,295,000	\$400,000	\$1,330,000
Working Capital Generated	-\$920,815	\$1,008,600	-\$866,577

SOUTHEASTERN OAKLAND COUNTY WATER AUTHORITY

ESTIMATED WATER CONSUMPTION AND REVENUES

	<u>2023/24 Budget</u>	<u>2022/23 Estimate</u>	<u>2021/22</u>	<u>2020/21</u>
<u>BERKLEY</u>				
1,000 Cubic Feet	49,100	49,700	48,486	47,488
Revenue	\$941,700	\$910,200	\$866,676	\$835,150
Fixed Monthly Charge	\$7,848	\$7,345	\$7,130	\$7,807
<u>BEVERLY HILLS</u>				
1,000 Cubic Feet	41,400	41,500	38,554	41,910
Revenue	\$794,100	\$759,400	\$691,987	\$725,888
Fixed Monthly Charge	\$6,618	\$6,085	\$5,907	\$6,029
<u>BINGHAM FARMS</u>				
1,000 Cubic Feet	10,900	11,100	10,021	10,776
Revenue	\$209,100	\$202,800	\$180,069	\$187,927
Fixed Monthly Charge	\$1,743	\$1,598	\$1,552	\$1,677
<u>BIRMINGHAM</u>				
1,000 Cubic Feet	117,800	117,700	109,419	117,934
Revenue	\$2,259,400	\$2,161,200	\$1,970,910	\$2,054,651
Fixed Monthly Charge	\$18,828	\$17,872	\$17,348	\$18,012
<u>CLAWSON</u>				
1,000 Cubic Feet	33,900	36,200	35,973	35,640
Revenue	\$650,200	\$655,700	\$634,839	\$627,280
Fixed Monthly Charge	\$5,418	\$4,748	\$4,609	\$5,867
<u>HUNTINGTON WOODS</u>				
1,000 Cubic Feet	23,400	22,900	21,565	23,503
Revenue	\$448,800	\$421,900	\$389,306	\$409,737
Fixed Monthly Charge	\$3,740	\$3,596	\$3,491	\$3,603
<u>LATHRUP VILLAGE</u>				
1,000 Cubic Feet	21,100	18,600	22,067	22,691
Revenue	\$404,700	\$349,000	\$395,597	\$394,896
Fixed Monthly Charge	\$3,373	\$3,443	\$3,342	\$3,381
<u>PLEASANT RIDGE</u>				
1,000 Cubic Feet	11,200	10,900	10,294	11,361
Revenue	\$214,800	\$200,900	\$185,885	\$198,061
Fixed Monthly Charge	\$1,790	\$1,721	\$1,671	\$1,749
<u>ROYAL OAK</u>				
1,000 Cubic Feet	255,600	274,200	250,024	229,118
Revenue	\$4,902,400	\$4,971,200	\$4,451,039	\$4,008,873
Fixed Monthly Charge	\$40,853	\$36,327	\$35,263	\$36,141
<u>SOUTHFIELD</u>				
1,000 Cubic Feet	412,000	406,900	405,359	417,414
Revenue	\$7,902,200	\$7,473,800	\$7,252,495	\$7,278,048
Fixed Monthly Charge	\$65,852	\$61,974	\$60,159	\$63,709
<u>Detroit Zoo</u>				
1,000 Cubic Feet	13,100	12,400	13,583	15,007
Revenue	\$251,300	\$229,400	\$242,766	\$257,293
Fixed Monthly Charge	\$2,094	\$2,028	\$1,969	\$1,926
<u>Detroit Rackham Golf Course</u>				
1,000 Cubic Feet	1,900	1,900	905	1,524
Revenue	\$36,400	\$34,900	\$17,977	\$27,275
Fixed Monthly Charge	\$303	\$292	\$283	\$309

SOUTHEASTERN OAKLAND COUNTY WATER AUTHORITY

ESTIMATED WATER CONSUMPTION AND REVENUES

	<u>2023/24 Budget</u>	<u>2022/23 Estimate</u>	<u>2021/22</u>	<u>2020/21</u>
<u>AUTHORITY MEMBERS</u>				
Total (1,000 Cubic Feet)	991,400	1,004,000	966,250	974,366
Revenue	\$19,015,100	\$18,370,400	\$17,279,546	\$17,005,079
Fixed Monthly Charge	\$158,460	\$147,029	\$142,724	\$150,210
<u>BLOOMFIELD HILLS</u>				
1,000 Cubic Feet	58,300	57,800	51,288	62,985
Revenue	\$1,974,000	\$1,872,700	\$1,640,217	\$1,916,511
Fixed Monthly Charge	\$16,450	\$15,415	\$14,965	\$15,698
<u>BLOOMFIELD TOWNSHIP</u>				
1,000 Cubic Feet	257,300	249,100	217,281	263,189
Revenue	\$8,712,200	\$8,096,200	\$6,967,095	\$7,990,118
Fixed Monthly Charge	\$72,602	\$68,542	\$66,539	\$64,062
<u>TOTAL WATER SALES</u>				
Total (1,000 Cubic Feet)	1,307,000	1,310,900	1,234,819	1,300,540
Total Revenue	\$29,701,300	\$28,339,300	\$25,886,858	\$26,911,708
Fixed Monthly Charge	\$247,512	\$230,986	\$224,228	\$229,970
Average Per 1,000 Cubic Feet	\$22.72	\$21.62	\$20.96	\$20.69

SOUTHEASTERN OAKLAND COUNTY WATER AUTHORITY

COMPARATIVE STATEMENT - REVENUES AND EXPENSES

	<u>2023/24</u>	<u>2022/23</u>	<u>2021/22</u>	<u>2020/21</u>
	Budget	Estimate		
Water Sold (1,000 cubic feet)	1,307,000	1,310,900	1,234,819	1,253,003
<u>OPERATIONS</u>				
Sale of Water-Members	\$19,015,100	\$18,370,400	\$17,279,546	\$17,005,079
Sale of Water-Non Members	10,686,200	9,968,900	8,607,312	9,906,629
<u>OTHER INCOME</u>				
Rentals	131,000	\$131,000	\$129,213	\$127,611
Water Analysis & Misc.	10,000	6,000	20,884	3,164
Interest on Investments	150,000	76,200	31,666	46,400
Grants	<u>0</u>	<u>76,600</u>	<u>0</u>	<u>0</u>
TOTAL:	\$291,000	\$289,800	\$181,763	\$177,175
<u>TOTAL REVENUES</u>				
TOTAL REVENUES	\$29,992,300	\$28,629,100	\$26,068,621	\$27,088,883
Average Income Per 1,000 Cubic Feet	\$22.95	\$21.84	\$21.11	\$21.62
<u>Lead Service Line Replacement</u>				
Lead Service Line Replacement	2,500,000	2,800,000	2,466,421	1,690,529
<u>EXPENSES</u>				
Water Purchased for Resale	\$27,357,000	\$25,181,000	\$24,035,292	\$23,722,602
Power, Pumping and Grounds Webster	596,000	578,000	568,373	558,209
Power, Pumping and Grounds	314,240	277,800	195,471	171,732
Computer Operations	103,000	92,200	92,723	98,493
Laboratory	154,525	144,200	132,109	138,585
Mains and Meters	263,050	187,200	305,853	216,299
Administrative and General	<u>830,300</u>	<u>760,100</u>	<u>527,564</u>	<u>822,007</u>
TOTAL EXPENSES	\$29,618,115	\$27,220,500	\$25,857,385	\$25,727,927
<u>Revenue minus Expenses</u>				
Revenue minus Expenses	\$374,185	\$1,408,600	\$211,236	\$1,360,956
<u>Lead Service Line Replacements</u>				
Lead Service Line Replacements	2,500,000	2,800,000	2,466,421	1,690,529
<u>Average Cost Per 1,000 Cubic Feet</u>				
Water Purchased for Resale	\$20.93	\$19.21	\$19.46	\$18.93
Operating	1.73	1.56	1.48	1.60
TOTAL	\$22.66	\$20.76	\$20.94	\$20.53

SOUTHEASTERN OAKLAND COUNTY WATER AUTHORITY

SALE OF WATER

MONTHLY COMPARATIVE STATEMENT

	2023/24	2022/23	2021/22	2020/21	2019/20
	Budget	Estimated			
<u>Daily Average</u>	<u>M.G.D.</u>	<u>M.G.D.</u>	<u>M.G.D.</u>	<u>M.G.D.</u>	<u>M.G.D.</u>
July	42.18	39.82	30.79	44.53	36.06
August	38.35	37.14	33.02	39.57	38.35
September	32.62	34.11	29.77	31.16	30.00
October	23.70	24.52	22.51	22.85	22.48
November	20.40	21.00	20.68	19.78	20.21
December	20.39	21.02	20.74	19.73	20.12
January	21.09	22.36	22.36	19.83	20.23
February	21.53	22.24	22.24	20.84	20.31
March	20.39	20.63	20.63	20.16	19.83
April	20.72	20.68	20.68	20.75	18.92
May	25.94	25.14	25.14	26.76	22.38
June	33.64	34.98	34.98	33.25	38.24
Daily Average for Year	26.79	27.00	25.31	26.65	25.61
Variance	-0.8%	6.7%	-5.0%	4.1%	

SOUTHEASTERN OAKLAND COUNTY WATER AUTHORITY

SALE OF WATER - COMPARATIVE STATEMENT

AVERAGE MILLION GALLONS PER CALENDAR DAY

	2023/24	2022/23	2021/22	2020/21	2019/20
	Budget	Estimated			
Municipality	M.G.D.	M.G.D.	M.G.D.	M.G.D.	M.G.D.
Berkley	1.01	1.02	0.99	0.97	0.98
Beverly Hills	0.85	0.85	0.79	0.86	0.78
Bingham Farms	0.22	0.23	0.21	0.22	0.21
Birmingham	2.41	2.41	2.24	2.42	2.34
Clawson	0.69	0.74	0.74	0.73	0.62
Huntington Woods	0.48	0.47	0.44	0.48	0.47
Lathrup Village	0.43	0.38	0.45	0.47	0.46
Pleasant Ridge	0.23	0.22	0.21	0.23	0.22
Royal Oak	5.24	5.62	5.12	4.70	4.82
Southfield	8.44	8.34	8.31	8.55	8.34
Detroit - Zoo & Rackham	<u>0.31</u>	<u>0.29</u>	<u>0.30</u>	<u>0.30</u>	<u>0.30</u>
Authority Members	20.32	20.58	19.80	19.93	19.54
Variance	-1.2%	3.2%	-0.7%	2.0%	-3.9%
Bloomfield Hills	1.19	1.18	1.05	1.29	1.13
Bloomfield Twp.	<u>5.27</u>	<u>5.11</u>	<u>4.45</u>	<u>5.39</u>	<u>4.95</u>
Total Sales	26.79	26.87	25.30	26.61	25.62
Variance	-0.3%	1.0%	-1.2%	3.9%	

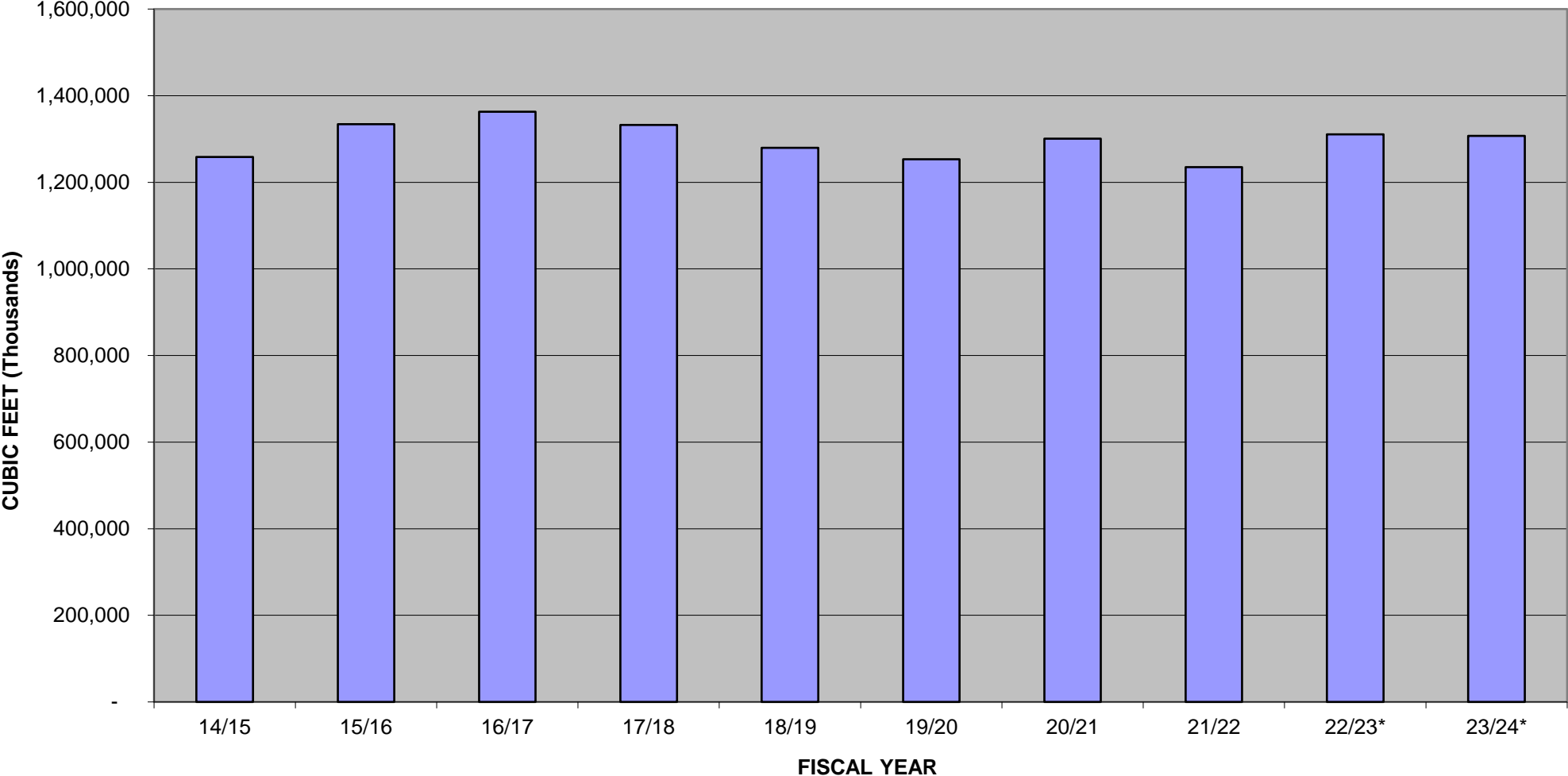
SOUTHEASTERN OAKLAND COUNTY WATER AUTHORITY

ALLOCATED CAPACITY - M.G.D.

MAXIMUM DAY

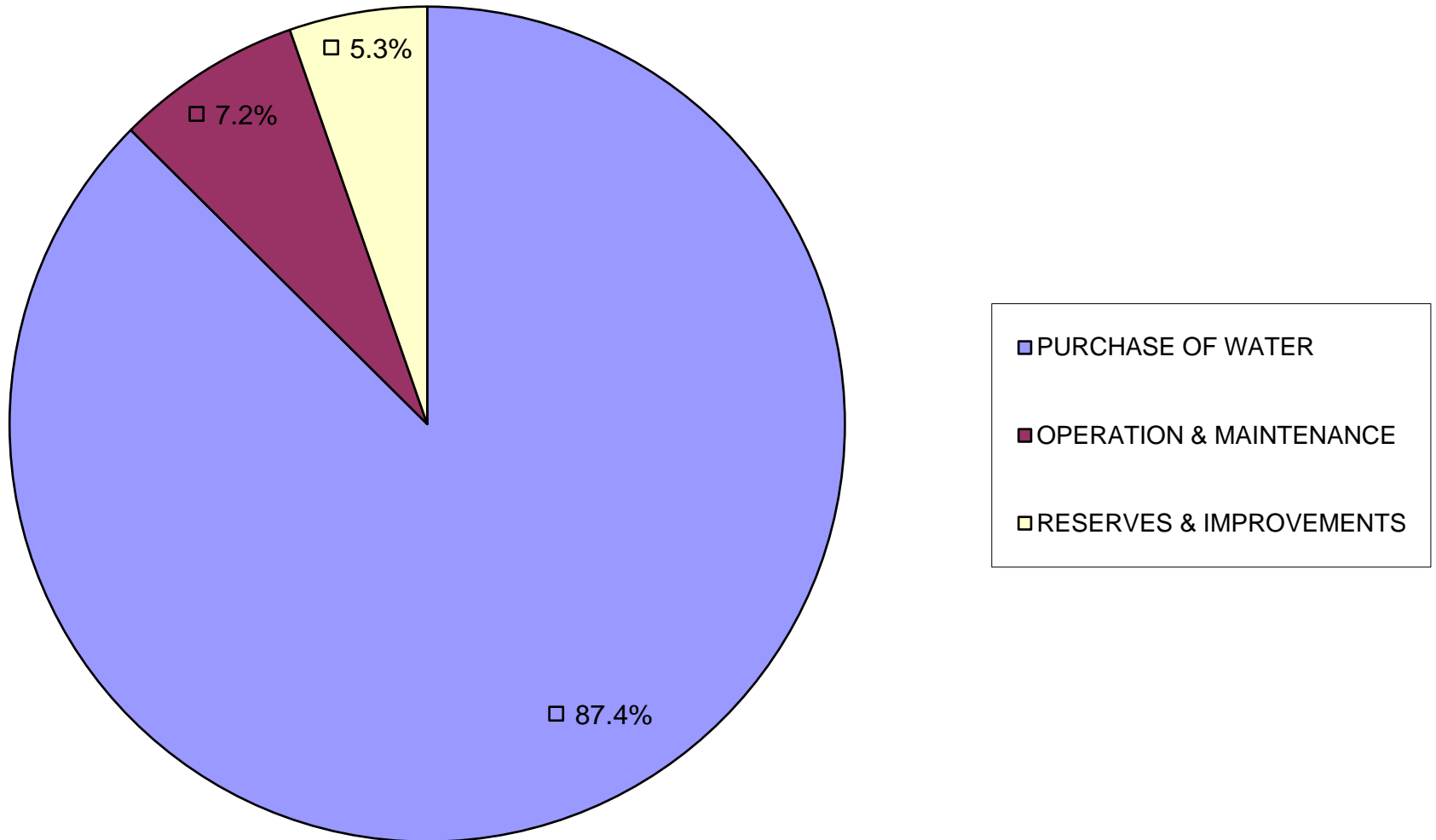
Municipality	2023/24	2022/23	2021/22	2020/21	2019/20
	Budget				
Berkley	5.53	5.53	5.53	5.53	5.53
Beverly Hills	7.80	7.80	7.80	7.80	7.80
Bingham Farms	1.00	1.00	1.00	1.00	1.00
Birmingham	8.49	8.49	8.49	8.49	8.49
Clawson	4.40	4.40	4.40	4.40	4.40
Huntington Woods	3.22	3.22	3.22	3.22	3.22
Lathrup Village	3.20	3.20	3.20	3.20	3.20
Pleasant Ridge	1.96	1.96	1.96	1.96	1.96
Royal Oak	21.42	21.42	21.42	21.42	21.42
Southfield	38.00	38.00	38.00	38.00	38.00
Detroit - Zoo & Rackham	<u>2.09</u>	<u>2.09</u>	<u>2.09</u>	<u>2.09</u>	<u>2.09</u>
TOTAL M.G.D.	97.11	97.11	97.11	97.11	97.11
Increased M.G.D.	-0-	-0-	-0-	-0-	-0-

SOUTHEASTERN OAKLAND COUNTY WATER AUTHORITY SUMMARY OF ANNUAL SALES



*Estimated

SOUTHEASTERN OAKLAND COUNTY WATER AUTHORITY DISTRIBUTION OF EXPENSES - 2023/24*



*Estimated

SOUTHEASTERN OAKLAND COUNTY WATER AUTHORITY

PROPOSED CAPITAL EXPENDITURES

2023/24

PROJECT	COST
Replace Vehicle	\$40,000
Replace Vehicle	\$40,000
Paint and Rehab Webster Elevated Tank	\$500,000
Replace 14 Mile and Buchanan Roofs	\$100,000
Water Meter Replacements/Upgrades	\$35,000
SCADA Radio System Upgrades - Pilot	\$10,000
Webster Tank Separation Project-Phase 1	\$500,000
Dump Trailer	\$20,000
Cathodic Protection	\$50,000
TOTAL	\$1,295,000

SOCWA/SOCRRA ORGANIZATIONAL STRUCTURE

