

SOUTHEASTERN OAKLAND COUNTY

WATER AUTHORITY

BUDGET

2011/12



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SOUTHEASTERN OAKLAND COUNTY  
WATER AUTHORITY  
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BOARD OF TRUSTEES

2010/11

<u>Municipality</u>	<u>Representative</u>
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City of Southfield	M. Habowski
Township of Southfield	R. Walsh

General Manager

J. A. McKeen

SOUTHEASTERN OAKLAND COUNTY WATER AUTHORITY

BUDGET - 2011/12

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April 11, 2011

Board of Trustees  
Southeastern Oakland County Water Authority

Subject: Proposed Budget - 2011/12

Board Members:

Attached for your consideration is a proposed budget for the fiscal year beginning July 1, 2011. This budget will be discussed at our May Board meeting. A public hearing on the budget is scheduled for Wednesday, June 8, 2011 at 8:30 a.m. at the Southfield Public Library, 26300 Evergreen.

Water Rate - Member Municipalities

The proposed budget is based on the rate of \$12.75 per 1,000 cubic feet to the Authority member municipalities, which is a 2.0% increase from the rate charged for 2010/11. This rate reflects the recent increase for water purchased from the City of Detroit which was largely offset as a result of selling water to Bloomfield Hills and Bloomfield Twp.

Water Rate-Bloomfield Hills and Bloomfield Twp.

The proposed budget is based on the rate of \$22.50 per 1,000 cubic feet to Bloomfield Hills and Bloomfield Twp, which is an 8.2% increase from the rate charged for 2010/11 for Bloomfield Hills.

Basis for the Proposed Budget

The proposed 2011/12 budget is prepared assuming that sufficient total revenue will be generated to pay for the operating costs, debt cost and the capital expenses incurred during the fiscal year and will provide an additional \$362,324 in working capital. This is consistent with the basis used for our budget for the past several years.

The proposed budget generates a coverage ratio (operating revenue minus operating expense divided by debt service) of 184%. While the bond covenants only require the budget to be prepared with a coverage ratio of 110%, the rating agencies would also prefer that our actual results achieve 110% coverage. We have accomplished this in every fiscal year since 2005/06 and I am projecting that we will accomplish this level of coverage in the current fiscal year. The proposed budget for 2011/12 does achieve the required level of coverage.

Budget Assumptions

The following assumptions were used to develop the proposed budget:

1. Our labor contract with the Utility Workers expires on June 30, 2011. The budget assumes a 0% wage increase for 2011/12.
2. Health care costs were projected to increase by 15% from their current levels. The payments to our employees for the reimbursement to the Blue Cross PPO 3 level of deductible and co-pay are included in these costs.

3. Salaried wages were not increased from 2010/11.
4. The number of full time salaried employees was reduced by two to recognize the retirement of Kathy Hyde and the consolidation of the positions held by Mike Czuprenski and John Schandavel. The budget does include a part time office position which should be filled before the beginning of the fiscal year. One open union position is included in the budget.
5. Water consumption by the member communities and by Bloomfield Hills was reduced by 2.0% from the projected actual water consumption for 2010/11 in order to recognize our continuing decline in water sales.
6. Insurance premiums were estimated as follows:
  - a. Property and Liability decreased by 5%
  - b. Workers' Compensation increased by 2%
7. A contribution of \$75,000 to the MERS Health Care Savings Plan for our union employees, which should maintain our current OPEB liability.
8. The payment of the debt obligation of the outstanding revenue bonds is consistent with the refinancing completed in early 2004.
9. DWSD is implementing a fixed/variable rate design as of July 1, 2010 which results in our average rate per MCF being dependent on how much water we buy from DWSD. Water sales 2.0% higher than those projected in the budget were assumed to calculate the average rate that SOCWA will pay to DWSD. This results in slightly lower rates for both the SOCWA member communities and our sales customers.

#### Employees' Retirement Plan

The Authority is a member of the Michigan Municipal Employees' Retirement System (MERS). As of December 31, 2009 (the most recent data available), the plan covering the Authority union employees was 81% funded and the plan covering the Authority salaried employees was 63% funded. For the 2011/12 fiscal year, the Authority will contribute 16.3% of union payroll to fund the union retirement plan and 22.83% of salaried payroll to fund the salaried retirement plan. The contribution for the salaried plan assumes that the salaried employees continue to contribute 2.5% of their salary to the retirement plan.

#### Proposed Budget - 2011/12

Pages 8-11 outline the proposed Budget for the fiscal year beginning July 1, 2011. 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 2011/12 Budget with figures for the past five years:

WATER CONSUMPTION  
THOUSAND CUBIC FEET

2011/12 Budget	1,411,700
Estimated 2010/11	1,185,300
Actual 2009/10	1,157,656
Actual 2008/09	1,148,040
Actual 2007/08	1,255,586
Actual 2006/07	1,284,794

	Total Revenues	Total Expenditures	Available For Capital Improvements
2011/12 Budget	\$21,206,650	\$20,592,327	\$614,324
Estimated 2010/11	\$15,730,000	\$15,172,088	\$557,912
Actual 2009/10	\$14,588,889	\$13,568,321	\$1,020,568
Actual 2008/09	\$12,526,885	\$12,178,806	\$348,079
Actual 2007/08	\$13,768,753	\$12,999,522	\$769,231
Actual 2006/07	\$14,090,553	\$13,180,766	\$909,787

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 in the 2011/12 fiscal year. The estimated volumes and revenues for 2010/11 and the actual volumes and revenue for 2009/10 and 2008/09 are also included on pages 12-13.

Comparative Statement – Revenues and Expenses

Page 14 shows a comparative statement of revenues and expenses from the operation of the water system. The average income per 1,000 cubic feet of water is estimated at \$15.02.

Comparative Statement - Sale of Water

The table on page 15 shows the distribution of the quantities of water for each calendar month during the fiscal year. These quantities were developed by compiling the actual water consumption for each member of the Authority for each month for the last five years and projecting that the decline in water sales that we have been experiencing continues into 2011/12. The estimated sales to the members of the Authority for 2011/12 are 2.0% below the actual sales projected for 2010/11.

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 8 years and also includes the projected water sales for 2010/11 and 2011/12.

### Distribution of Expenses

The chart on page 19 illustrates the distribution of expenses proposed for the 2011/12 fiscal year. Approximately 83% of the expenses of the Authority are for water purchased from DWSD.

### Bond Reserves

The tabulation on page 20 shows the reserve funds established by the Authority. These reserves are invested and comply with Act 79 of the Public Acts of 1979.

### Debt Coverage

The table on page 21 shows the projected debt coverage ratios for the fiscal 2011/12 and for fiscal 2010/11 and also shows the actual debt coverage ratios achieved for fiscal 2009/10 and fiscal 2008/09. Our bond covenants require our budget to be prepared with at least a 110% debt coverage ratio.

### Capital Improvement

On page 22 is a proposed list of capital expenditures in the amount of \$252,000 for the fiscal year 2011/12. Each of the capital improvement projects will be reviewed with the Board before the project is begun.

### Organizational Structure

Page 23 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

2010/11

	2011/12 Budget	2010/11 Estimate	2010/11 Budget
<b>REVENUES</b>			
Sale of Water Members	\$14,045,400	\$14,130,000	\$13,653,750
Sale of Water Others	6,977,250	1,240,000	1,102,400
Rentals	125,000	120,000	120,000
Water Analysis, Lab & Misc.	10,000	200,000	10,000
Interest on Investments	24,000	20,000	30,000
Grant Revenue	<u>25,000</u>	<u>20,000</u>	<u>25,000</u>
<b>TOTAL REVENUES</b>	<b>\$21,206,650</b>	<b>\$15,730,000</b>	<b>\$14,941,150</b>
<b>EXPENSES</b>			
<b>WATER PURCHASED</b>	<b>\$17,630,000</b>	<b>\$12,150,000</b>	<b>\$11,832,158</b>
<b>Webster Station</b>			
Operations Labor	\$79,600	\$92,000	\$79,600
System Monitoring Labor	231,700	225,000	231,700
Vacation, Personal & Longevity	109,000	140,000	107,000
Payment in lieu of sick	17,000	18,300	15,600
Gas	7,000	5,000	7,000
Electric	35,000	33,000	40,000
Maintenance of Equipment	10,000	5,000	9,000
Maintenance of Building	8,000	11,000	8,000
Maintenance of Property & Grounds	8,000	8,000	8,000
Safety Training	4,000	6,000	4,000
Safety Maintenance/Supplies	3,000	3,000	2,700
Supplies	10,000	6,000	10,000
Tools	5,000	8,000	5,000
Maintenance of Reservoirs	1,500	4,000	1,500
Maintenance of Tank	<u>1,000</u>	<u>1,000</u>	<u>1,000</u>
<b>Total</b>	<b>\$529,800</b>	<b>\$565,300</b>	<b>\$530,100</b>
<b>Webster Computer Operations</b>			
Labor	\$14,600	\$15,000	\$14,600
Website and Internet Connection	3,500	3,000	2,500
Computer Hardware Maintenance	8,000	8,000	8,000
Computer Software Maintenance	12,000	9,000	12,000
UPS	<u>1,814</u>	<u>1,000</u>	<u>1,814</u>
<b>Total</b>	<b>\$39,914</b>	<b>\$36,000</b>	<b>\$38,914</b>
<b>Shafter Pump Station</b>			
Labor	\$17,000	\$16,000	\$17,300
Gas	3,300	3,000	3,300
Electric	15,000	13,000	10,000
Telephone	0	0	0
Maintenance of Equipment	5,000	2,000	5,000
Maintenance of Building	<u>2,000</u>	<u>1,000</u>	<u>2,000</u>
<b>Total</b>	<b>\$42,300</b>	<b>\$35,000</b>	<b>\$37,600</b>

## SOUTHEASTERN OAKLAND COUNTY WATER AUTHORITY

## PROPOSED BUDGET

2010/11

	2011/12 Budget	2010/11 Estimate	2010/11 Budget
<b>Lamb Pumping Station</b>			
Labor	\$17,000	\$16,000	\$17,300
Gas	3,000	2,000	3,000
Electric	15,000	9,000	15,000
Telephone	750	1,000	700
Maintenance of Equipment	5,000	3,000	5,000
Maintenance of Building	<u>1,000</u>	<u>2,000</u>	<u>1,000</u>
Total	\$41,750	\$33,000	\$42,000
<b>12 Mile Meter Station</b>			
Labor	\$13,000	\$12,000	\$13,100
Gas	1,000	1,000	1,000
Electric	500	500	500
Telephone	0	0	0
Maintenance of Equipment	1,500	600	1,500
Maintenance of Building	500	200	500
Maintenance of Property & Grounds	<u>500</u>	<u>300</u>	<u>500</u>
Total	\$17,000	\$14,600	\$17,100
<b>Gare Pump Station</b>			
Labor	\$23,500	\$21,000	\$24,500
Gas	4,200	3,000	4,100
Electric	16,000	14,000	15,000
Telephone	0	0	0
Maintenance of Equipment	6,000	5,000	5,000
Maintenance of Building	2,000	2,000	4,000
Maintenance of Property & Grounds	1,000	1,000	1,000
Maintenance of Reservoir	<u>500</u>	<u>200</u>	<u>500</u>
Total	\$53,200	\$46,200	\$54,100
<b>Oliver Pump Station</b>			
Labor	\$12,200	\$12,000	\$12,200
Gas	2,000	1,000	2,000
Electric	2,000	2,000	2,000
Telephone	0		0
Maintenance of Equipment	1,000	500	1,000
Maintenance of Building	500	200	500
Maintenance of Property & Grounds	<u>1,000</u>	<u>400</u>	<u>500</u>
Total	\$18,700	\$16,100	\$18,200
<b>14 Mile/Lahser Meter</b>			
Labor	\$6,600	\$7,000	\$6,600
Electric	325	200	300
Maintenance of Equipment	<u>2,300</u>	<u>3,000</u>	<u>2,300</u>
Total	\$9,225	\$10,200	\$9,200
<b>Quarton/Chesterfield Meter</b>			
Labor	\$6,600	\$7,000	\$6,600
Electric	325	300	325
Maintenance of Equipment	1,500	5,000	1,500
Maintenance of Property & Grounds	<u>0</u>	<u>0</u>	<u>0</u>
Total	\$8,425	\$12,300	\$8,425

SOUTHEASTERN OAKLAND COUNTY WATER AUTHORITY

PROPOSED BUDGET

2010/11

	2011/12 Budget	2010/11 Estimate	2010/11 Budget
<b>Bloomfield Hills Meter</b>			
Labor	\$6,000	\$6,000	\$6,800
Maintenance of Equipment	<u>1,000</u>	<u>0</u>	<u>0</u>
Total	\$7,000	\$6,000	\$6,800
<b>Bloomfield Twp. Meter</b>			
Labor	\$4,500	\$0	\$0
Maintenance of Equipment	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
Total	\$4,500	\$0	\$0
<b>14 Mile Station</b>			
Labor	\$24,000	\$22,000	\$25,000
Gas	3,000	2,000	3,000
Electric	9,000	7,000	8,000
Telephone	0	0	0
Maintenance of Equipment	3,000	2,000	3,000
Maintenance of Building	500	1,000	500
Maintenance of Property & Grounds	2,000	2,000	2,000
Maintenance of Reservoir	500	200	500
Maintenance of Tank	500	500	500
Maintenance of Birmingham Tanks	<u>1,000</u>	<u>400</u>	<u>1,000</u>
Total	\$43,500	\$37,100	\$43,500
<b>Samoset Tank</b>			
Labor	\$12,000	\$10,000	\$12,000
Gas	500	400	500
Electric	500	500	500
Telephone	0	0	0
Maintenance of Tank	500	200	500
Maintenance of Equipment	700	300	700
Maintenance of Building	500	200	500
Maintenance of Property & Grounds	<u>250</u>	<u>700</u>	<u>250</u>
Total	\$14,950	\$12,300	\$14,950
<b>Buchanan Station</b>			
Labor	\$13,600	\$12,000	\$14,300
Gas	1,000	1,000	1,000
Electric	500	300	500
Telephone	0	0	0
Maintenance of Equipment	2,000	1,000	2,000
Maintenance of Building	500	200	500
Maintenance of Property & Grounds	250	300	250
Maintenance of Reservoir	<u>500</u>	<u>200</u>	<u>500</u>
Total	\$18,350	\$15,000	\$19,050
<b>Webster Lab</b>			
Labor	\$43,400	\$45,000	\$43,400
Maintenance of Equipment	1,000	500	1,000
Supplies	17,000	12,000	16,000
Regulatory Testing	<u>11,500</u>	<u>0</u>	<u>0</u>
Total	\$72,900	\$57,500	\$60,400
<b>Source of Supply Meters</b>			
Labor	\$32,500	\$32,000	\$32,600
Electric	7,250	6,000	7,250
Cellular Telephone	0	0	0
Maintenance of Equipment	<u>15,000</u>	<u>14,000</u>	<u>15,000</u>
Total	\$54,750	\$52,000	\$54,850

SOUTHEASTERN OAKLAND COUNTY WATER AUTHORITY

PROPOSED BUDGET

2010/11

	2011/12 Budget	2010/11 Estimate	2010/11 Budget
<b>Source of Supply Mains</b>			
Labor	\$30,500	\$28,000	\$30,600
Maintenance	15,000	22,000	12,000
Miss Dig	8,500	5,000	8,500
Total	\$54,000	\$55,000	\$51,100
<b>Engineering</b>			
Labor	\$0	\$70,000	\$67,100
Administrative & Office	0	19,000	10,000
Personnel Improvement	0	100	500
Travel & Conference	0	600	1,500
Total	\$0	\$89,700	\$79,100
<b>Webster Transportation</b>			
Labor	\$16,000	\$12,000	\$16,300
Maintenance of Equipment	18,000	16,000	20,000
Fuel	38,000	36,000	38,000
Total	\$72,000	\$64,000	\$74,300
<b>Administrative and General</b>			
Labor & Supervision	\$205,000	\$216,000	\$215,000
Payment in lieu of sick	7,000	15,000	11,000
Administrative and Office	35,000	34,000	35,000
Travel Conference	4,000	2,000	2,500
Personnel Improvement	2,000	3,000	1,500
Telephone - Office	12,000	14,000	13,000
Legal	16,000	16,000	8,000
Audit	15,700	15,700	15,700
Retirement Plan	149,000	192,000	221,600
Social Security	74,000	79,000	69,000
Insurance - General	51,000	44,000	57,000
Insurance - Workers Comp	18,000	11,000	15,000
Health Insurance	373,000	334,000	279,000
Life Insurance	2,900	4,000	4,050
Retiree Health Care Funding	75,000	75,000	0
Paying Agent Fee	500	500	800
Bonds	1,000	0	1,000
Consulting	50,000	10,000	10,000
Grant Expenses	35,000	36,000	42,000
Miscellaneous	5,000	7,000	5,000
Total	\$1,131,100	\$1,108,200	\$1,006,150
Total Operating Expenses	\$19,858,864	\$14,415,500	\$13,997,997
Bond Principle & Interest	<u>733,463</u>	<u>756,588</u>	<u>756,588</u>
Total Expenses	\$20,592,327	\$15,172,088	\$14,754,585
Funds Remaining	\$614,324	\$557,912	\$186,565
Capital Expense	\$252,000	\$100,000	\$160,000
Working Capital Generated	\$362,324	\$457,912	\$26,565

SOUTHEASTERN OAKLAND COUNTY WATER AUTHORITY

ESTIMATED WATER CONSUMPTION AND REVENUES

	<u>2010/11 Budget</u>	<u>2010/11 Estimate</u>	<u>2009/10</u>	<u>2008/09</u>
<b><u>BERKLEY</u></b>				
1,000 Cubic Feet	54,500	55,600	55,649	57,036
Revenue	\$694,875	\$695,000	\$645,523	\$613,136
<b><u>BEVERLY HILLS</u></b>				
1,000 Cubic Feet	47,500	48,500	46,080	49,755
Revenue	\$605,625	\$606,250	\$534,525	\$534,863
<b><u>BINGHAM FARMS</u></b>				
1,000 Cubic Feet	11,900	12,100	11,572	12,454
Revenue	\$151,725	\$151,976	\$134,235	\$133,878
<b><u>BIRMINGHAM</u></b>				
1,000 Cubic Feet	118,400	120,800	117,337	119,496
Revenue	\$1,509,600	\$1,517,248	\$1,361,113	\$1,284,582
<b><u>CLAWSON</u></b>				
1,000 Cubic Feet	40,100	40,900	39,976	41,352
Revenue	\$511,275	\$511,250	\$463,725	\$444,540
<b><u>HUNTINGTON WOODS</u></b>				
1,000 Cubic Feet	26,200	26,700	25,637	26,514
Revenue	\$334,050	\$333,750	\$290,000	\$285,030
<b><u>LATHRUP VILLAGE</u></b>				
1,000 Cubic Feet	15,000	15,300	16,087	18,367
Revenue	\$191,250	\$191,250	\$186,603	\$197,448
<b><u>PLEASANT RIDGE</u></b>				
1,000 Cubic Feet	11,900	12,100	11,881	12,623
Revenue	\$151,725	\$151,250	\$137,821	\$135,693
<b><u>ROYAL OAK</u></b>				
1,000 Cubic Feet	264,400	269,800	264,395	278,193
Revenue	\$3,371,100	\$3,372,500	\$3,066,985	\$2,990,576
<b><u>SOUTHFIELD</u></b>				
1,000 Cubic Feet	492,800	502,900	495,728	510,791
Revenue	\$6,283,200	\$6,316,424	\$5,750,447	\$5,491,005
<b><u>Detroit (Zoo &amp; Rackham)</u></b>				
1,000 Cubic Feet	18,900	19,300	20,314	21,459
Revenue	\$240,975	\$241,316	\$238,960	\$230,684
<b><u>AUTHORITY MEMBERS</u></b>				
Total (1,000 Cubic Feet)	1,101,600	1,124,000	1,104,656	1,148,040
Revenue	\$14,045,400	\$14,088,214	\$12,809,937	\$12,341,435

SOUTHEASTERN OAKLAND COUNTY WATER AUTHORITY

ESTIMATED WATER CONSUMPTION AND REVENUES

	<u>2010/11 Budget</u>	<u>2010/11 Estimate</u>	<u>2009/10</u>	<u>2008/09</u>
<b><u>BLOOMFIELD HILLS</u></b>				
1,000 Cubic Feet	60,100	61,300	53,000	0
Revenue	\$1,352,250	\$1,275,040	\$979,431	\$0
<b><u>BLOOMFIELD TOWNSHIP</u></b>				
1,000 Cubic Feet	250,000	0	0	0
Revenue	<u>\$5,625,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
<b><u>TOTAL WATER SALES</u></b>				
Total (1,000 Cubic Feet)	1,411,700	1,185,300	1,157,656	1,148,040
Total Revenue	\$21,022,650	\$15,363,254	\$13,789,368	\$12,341,435
Average Per 1,000 Cubic Feet	\$14.89	\$12.96	\$11.91	\$10.75

SOUTHEASTERN OAKLAND COUNTY WATER AUTHORITY  
COMPARATIVE STATEMENT - REVENUES AND EXPENSES

	<u>2011/12</u>	<u>2010/11</u>	<u>2009/10</u>	<u>2008/09</u>
	Budget	Estimate		
Water Sold (1,000 cubic feet)	1,411,700	1,185,300	1,157,656	1,148,040
<u>OPERATIONS</u>				
Sale of Water-Members	\$14,045,400	\$14,130,000	\$12,814,013	\$12,341,435
Sale of Water-Non Members	6,977,250	1,240,000	1,457,965	0
<u>OTHER INCOME</u>				
Rentals	\$125,000	\$120,000	\$120,126	\$125,126
Water Analysis & Misc.	10,000	200,000	139,094	-9,130
Interest on Investments	24,000	20,000	13,041	20,168
Grants	<u>25,000</u>	<u>20,000</u>	<u>44,650</u>	<u>49,286</u>
TOTAL:	\$184,000	\$360,000	\$316,911	\$185,450
<u>TOTAL REVENUES</u>				
	\$21,206,650	\$15,730,000	\$14,588,889	\$12,526,885
Average Income Per 1,000 Cubic Feet	\$15.02	\$13.27	\$12.60	\$10.91
<u>EXPENSES</u>				
Water Purchased for Resale	\$17,630,000	\$12,150,000	\$10,550,522	\$9,285,621
Power, Pumping and Grounds Webster	601,800	629,300	574,868	545,381
Power, Pumping and Grounds	274,400	237,800	202,956	182,374
Computer Operations	39,914	36,000	31,715	32,692
Laboratory	72,900	57,500	67,006	61,524
Mains and Meters	108,750	107,000	118,894	103,616
Engineering	0	89,700	86,156	132,339
Administrative and General	1,131,100	1,108,200	1,158,366	1,064,421
Bond Expenses	<u>733,463</u>	<u>756,588</u>	<u>777,838</u>	<u>770,838</u>
TOTAL EXPENSES	\$20,592,327	\$15,172,088	\$13,568,321	\$12,178,806
Revenue minus Expenses	\$614,323	\$557,912	\$1,020,568	\$348,079
<u>Average Cost Per 1,000 Cubic Feet</u>				
Water Purchased for Resale	\$12.49	\$10.25	\$9.11	\$8.09
Operating	1.58	1.91	1.93	1.85
Bond Expenses	<u>0.52</u>	<u>0.64</u>	<u>0.67</u>	<u>0.67</u>
TOTAL	\$14.59	\$12.80	\$11.72	\$10.61

SOUTHEASTERN OAKLAND COUNTY WATER AUTHORITY

SALE OF WATER

MONTHLY COMPARATIVE STATEMENT

	2011/12	2010/11	2009/10	2008/09	2007/08
	Budget	Estimated			
Daily Average	M.G.D.	M.G.D.	M.G.D.	M.G.D.	M.G.D.
July	42.12	34.23	32.46	30.78	42.24
August	45.96	36.47	32.5	36.22	35.36
September	34.72	28.83	28.73	27.93	30.71
October	25.38	21.99	20.77	21.07	24.10
November	22.04	19.13	19.24	19.00	20.11
December	22.12	19.45	19.65	19.71	20.30
January	22.54	19.75	19.84	19.99	20.53
February	21.53	18.86	19.52	19.98	20.80
March	21.41	18.86	19.32	18.90	20.54
April	22.96	20.21	20.09	18.86	21.21
May	27.43	22.90	23.79	22.18	24.02
June	37.64	31.75	28.43	27.35	27.59
Daily Average for Year	28.88	24.41	23.73	23.53	25.66
Variance	18.3%	2.9%	0.8%	-8.3%	

SOUTHEASTERN OAKLAND COUNTY WATER AUTHORITY

SALE OF WATER - COMPARATIVE STATEMENT

AVERAGE MILLION GALLONS PER CALENDAR DAY

	2011/12	2010/11	2009/10	2008/09	2007/08
	Budget	Estimated			
Municipality	M.G.D.	M.G.D.	M.G.D.	M.G.D.	M.G.D.
Berkley	1.12	1.14	1.14	1.17	1.13
Beverly Hills	0.97	0.99	0.94	1.02	1.14
Bingham Farms	0.24	0.25	0.24	0.26	0.28
Birmingham	2.43	2.48	2.40	2.45	2.68
Clawson	0.82	0.84	0.82	0.85	0.91
Huntington Woods	0.54	0.55	0.53	0.54	0.54
Lathrup Village	0.31	0.31	0.33	0.38	0.43
Pleasant Ridge	0.24	0.24	0.24	0.26	0.28
Royal Oak	5.42	5.53	5.42	5.70	6.00
Southfield	10.10	10.31	10.16	10.47	11.68
Detroit - Zoo & Rackham	<u>0.38</u>	<u>0.39</u>	<u>0.42</u>	<u>0.44</u>	<u>0.54</u>
Authority	22.57	23.03	22.64	23.53	25.61
Variance	-2.0%	1.7%	-3.8%	-8.1%	
Bloomfield Hills	1.23	1.26	1.09	0	0.00
Bloomfield Twp.	5.12	0	0	0	0
Total Sales	28.92	24.29	23.73	23.53	25.61
Variance	19.1%	2.4%	0.8%	-8.1%	

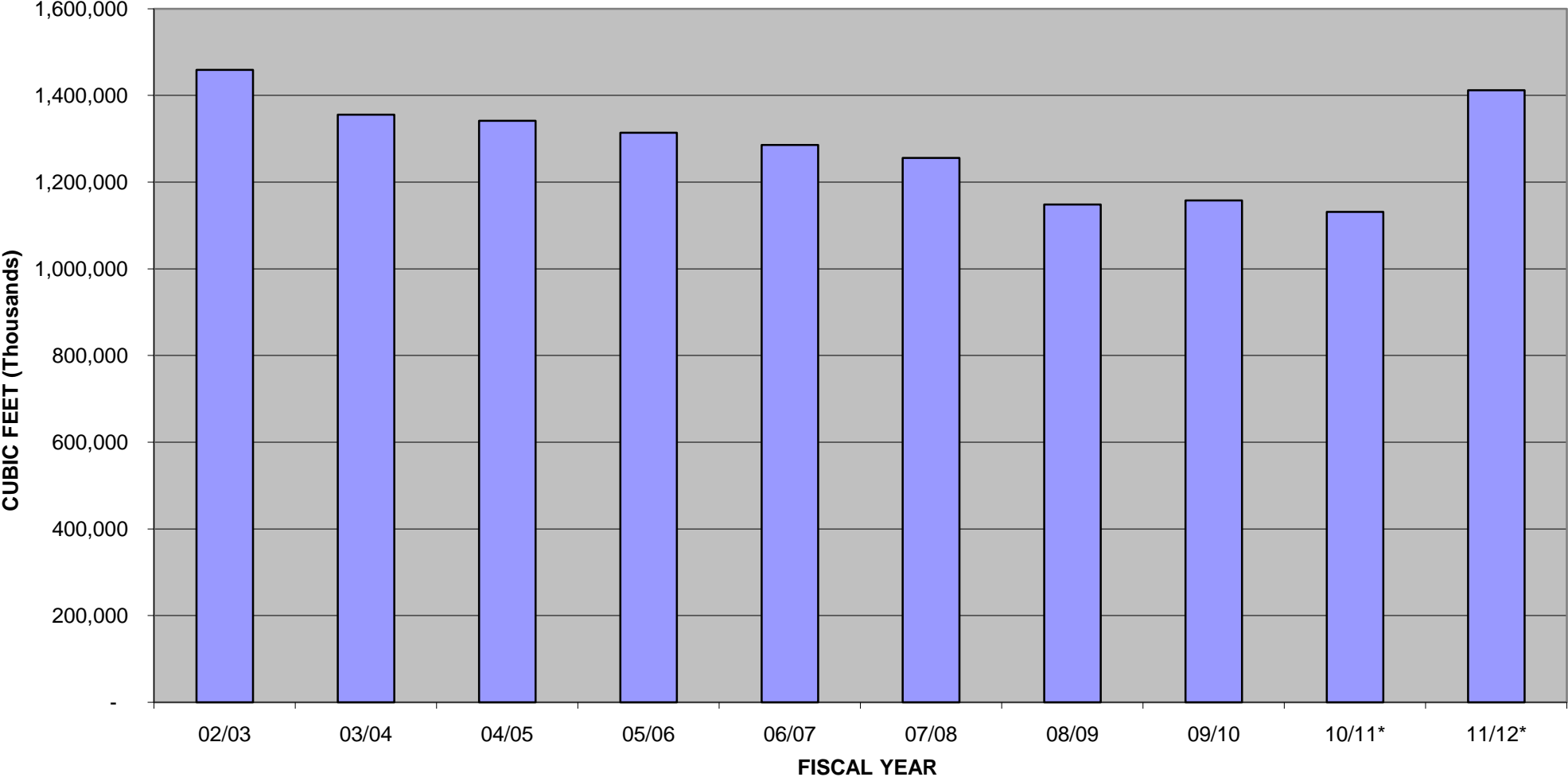
SOUTHEASTERN OAKLAND COUNTY WATER AUTHORITY

ALLOCATED CAPACITY - M.G.D.

MAXIMUM DAY

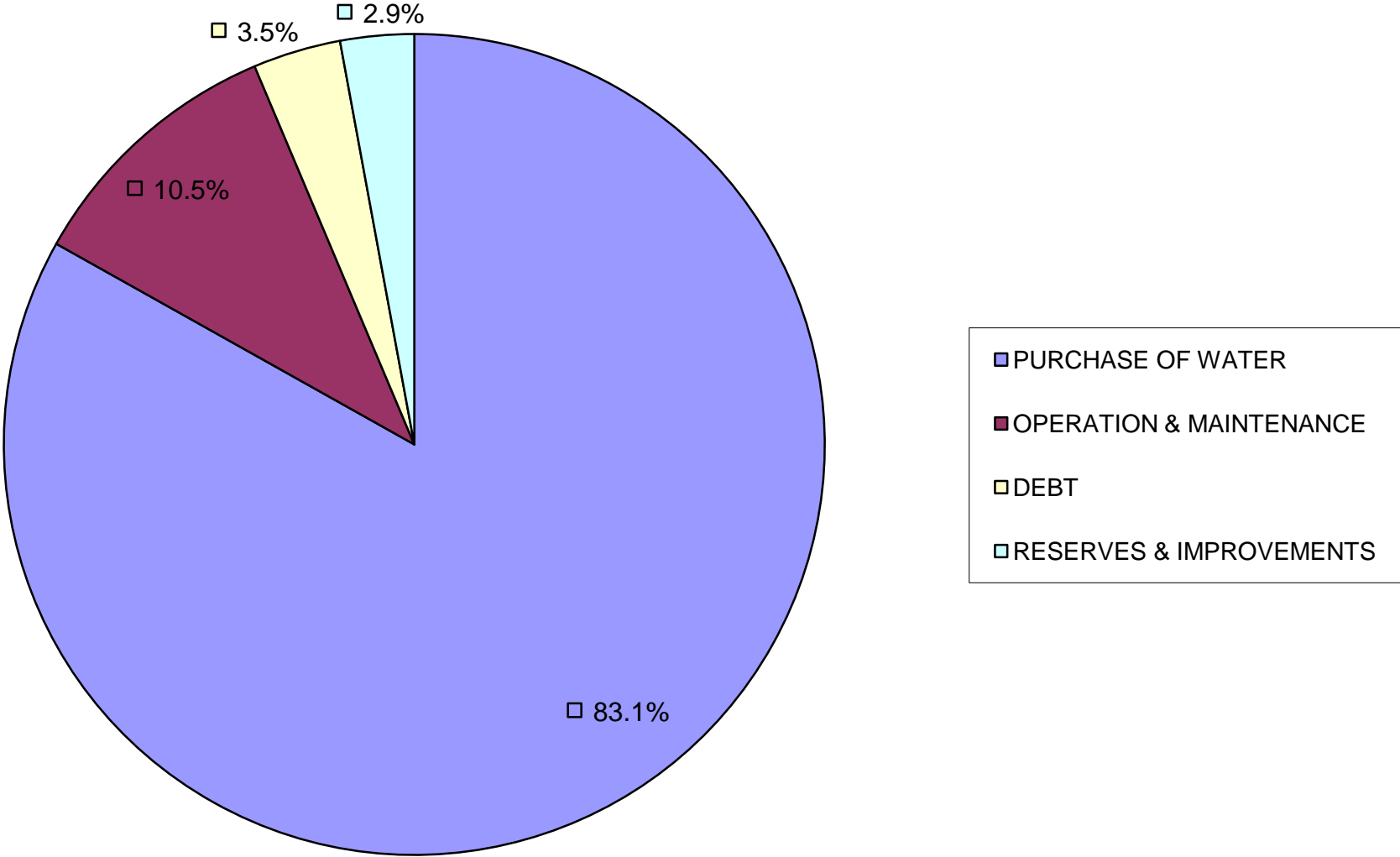
<u>Municipality</u>	<u>2011/12</u>	<u>2010/11</u>	<u>2009/10</u>	<u>2008/09</u>	<u>2007/08</u>
	Budget				
Berkley	5.53	5.53	5.53	5.53	5.53
Beverly Hills	7.80	7.80	7.80	7.80	7.80
Bingham Farms	1.00	1.00	1.00	1.00	1.00
Birmingham	8.49	8.49	8.49	8.49	8.49
Clawson	4.40	4.40	4.40	4.40	4.40
Huntington Woods	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 - 2010/11\*



\*Estimated

SOUTHEASTERN OAKLAND COUNTY WATER AUTHORITY

RESERVES

The Authority has established all the required reserves set forth in the bond ordinances.

The reserve funds established to date are as follows as of March 25, 2011:

	<u>Required</u>	<u>Actual</u>
2003 \$6,980,00 Bond Issue Bond Reserve Account	\$698,000	\$701,118
Replacement and Improvement Fund	<u>50,000</u>	<u>56,905</u>
Total Reserves:	\$748,000	\$758,023

SOUTHEASTERN OAKLAND COUNTY WATER AUTHORITY

DEBT COVERAGE

	<u>2011/12*</u>	<u>2010/11*</u>	<u>2009/10</u>	<u>2008/09</u>
Revenue	\$21,206,650	\$15,730,000	\$14,590,852	\$12,526,885
Operating Expense	19,858,864	14,281,500	12,790,483	11,407,968
Total Available for Debt Service	\$1,347,786	\$1,448,500	\$1,800,369	\$1,118,917
Principal & Interest Requirements	\$733,463	\$756,588	\$777,838	\$770,838
% Coverage	184%	191%	231%	145%
*Estimated				



# SOCWA/SOCRRA ORGANIZATIONAL STRUCTURE

