



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

AGENDA

Regular Meeting – Wednesday, July 14, 2010 – 3:00 p.m.

[Royal Oak Senior Community Center, 3500 Marais](#)

1. Meeting Called to Order
2. Roll Call & Recognition of Visitors
3. Approval of Agenda
4. Approval of Meeting Minutes – Regular Meeting – June 9, 2010
5. Approval of Warrants - WA-699
6. **ADMINISTRATIVE REPORTS**
 - A. Water & Sewage Rates – Survey
 - B. Annual Actuarial Valuation Report – Michigan Municipal Employees' Retirement System
 - C. DWSD Water Rates
 - D. Michigan Municipal Employees' Retirement System – Annual Meeting
 - E. Liability Insurance for Directors and Officers
 - F. Fixed Base Metering
 - G. Telephone Contract with Center City Communications
7. **ITEMS NOT ON AGENDA**

8. MONTHLY REPORTS

- A. Water Consumption Report - June
- B. Budget Analysis – June 2010
- C. Budget Analysis – July 2009-June 2010
- D. Water Samples – June 2010
- E. Precipitation – Inches (Webster Pumping Station)
- F. Board Meeting Roster

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 – June 9, 2010

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MINUTES OF THE REGULAR MEETING
OF THE
SOUTHEASTERN OAKLAND COUNTY WATER AUTHORITY

Wednesday, June 9, 2010 – Southfield Pavilion

The meeting was called to order at 8:35 a.m. by Mr. Harry Drinkwine, Chair.

<u>Present</u>	<u>Votes</u>	<u>Municipality</u>
Bob Wiszowaty (Alternate)	1	Beverly Hills
Don Ketai	1	Bingham Farms
Paul O'Meara	4	Birmingham
Harry Drinkwine	1	Clawson
Claire Galed	1	Huntington Woods
Scott Pietrzak	1	Pleasant Ridge
Greg Rassel	8	Royal Oak
Gary Mekjian	15	Southfield
Dick Holloway	<u>1</u>	Southfield Township
TOTAL:	33	

<u>Absent</u>	<u>Votes</u>	<u>Municipality</u>
Bruce Jerome	2	Berkley
Jeff Mueller	<u>1</u>	Lathrup Village
TOTAL:	3	

Also Present

J. A. McKeen, General Manager
M. A. Czuprenski, Operations Director
K. Hyde, Executive Assistant
M. Baumgarten, Adm. Asst., Lathrup Village

- 9543 -

Motion by Mr. G. Rassel, supported by Mr. B. Wiszowaty:

That the agenda be approved as submitted.

Yeas: Wiszowaty, Ketai, O'Meara, Drinkwine, Galed, Pietrzak, Rassel, Mekjian, Holloway (33 votes)
Nays: None
Absent: Jerome, Mueller (3 votes)

Motion carried.

- 9544 -

Motion by Mr. G. Rassel, supported by Mr. S. Pietrzak:

That the May 12, 2010 Board Meeting minutes be approved as typed and circulated.

Yeas: Wiszowaty, Ketai, O'Meara, Drinkwine, Galed, Pietrzak, Rassel, Mekjian, Holloway (33 votes)
Nays: None
Absent: Jerome, Mueller (3 votes)

Motion carried.

- 9545 -

Motion by Mr. G. Rassel, supported by Dr. D. Ketai:

That Warrant No. WA-698 in the amount of \$1,365,906.12 be approved and payments authorized.

Yeas: Wiszowaty, Ketai, O'Meara, Drinkwine, Galed, Pietrzak, Rassel, Mekjian, Holloway (33 votes)
Nays: None
Absent: Jerome, Mueller (3 votes)

Motion carried.

- 9546 -

The Chair declared the Public Hearing on the proposed budget for 2010/11 open at 8:36 a.m. There being no persons present who wished to be heard, the Chair declared the public hearing closed at 8:36 a.m.

- 9547 -

Motion by Mr. G. Rassel, supported by Mr. R. N. Holloway:

That the report on the DWSD Water Rates be received and filed.

Yeas: Wiszowaty, Ketai, O'Meara, Drinkwine, Galed, Pietrzak, Rassel, Mekjian, Holloway (33 votes)
Nays: None
Absent: Jerome, Mueller (3 votes)

Motion carried.

- 9548 -

Motion by Mr. G. Rassel, supported by Mrs. C. Galed:

That the Board of Trustees adopt water service rates for the fiscal year 2010/11 of \$12.50 per one thousand cubic feet to the Authority's member municipalities and \$20.80 per one thousand cubic feet for Bloomfield Hills.

Yeas: Wiszowaty, Ketai, O'Meara, Drinkwine, Galed, Pietrzak, Rassel, Mekjian, Holloway (33 votes)
Nays: None
Absent: Jerome, Mueller (3 votes)

Motion carried.

- 9549 -

Motion by Mr. G. Rassel, supported by Mrs. C. Galed:

WHEREAS, this Board is required to adopt an annual budget for the fiscal year 2010/11, which budget will be effective July 1, 2010, and

WHEREAS, a notice has been published of a public hearing on the budget in compliance with the provisions of Public Act No. 43 of the Acts of the State Legislature of 1963, and

WHEREAS, a public hearing on the budget was held on June 9, 2010, at 8:30 a.m. at the Southfield Pavilion, 26000 Evergreen, Southfield, Michigan,

NOW THEREFORE BE IT RESOLVED, that the budget for the fiscal year 2010/11 be adopted in the following form:

SOUTHEASTERN OAKLAND COUNTY WATER AUTHORITY
BUDGET
July 1, 2010 Through June 30, 2011

ESTIMATED REVENUES

Sale of Water	\$13,653,750	
Sale of Water – Others	1,102,400	
Rentals	120,000	
Water Analysis-Laboratory & Miscellaneous	10,000	
Interest on Investments	30,000	
Grant Revenue	<u>25,000</u>	\$14,941,150

ESTIMATED EXPENSES

Source of Supply	\$11,832,158	
Pump Station Operations	934,614	
Meters & Mains	130,375	
Engineering Administrative	79,100	
Administrative & General	<u>1,021,750</u>	<u>\$13,997,997</u>
		\$943,153
Interest & Principal		(756,588)
Capital Improvements		<u>(160,000)</u>
Working Capital Generated		\$26,565

Yeas: Wiszowaty, Ketai, O'Meara, Drinkwine, Galed, Pietrzak, Rassel, Mekjian, Holloway (33 votes)
Nays: None
Absent: Jerome, Mueller (3 votes)

Motion carried.

- 9550 -

Motion by Mr. G. Rassel, supported by Mrs. C. Galed:

That the report on the 5 Year Capital Improvement Plan for Major Equipment and Facilities be received and filed.

Yeas: Wiszowaty, Ketai, O'Meara, Drinkwine, Galed, Pietrzak, Rassel, Mekjian, Holloway (33 votes)
Nays: None
Absent: Jerome, Mueller (3 votes)

Motion carried.

- 9551 -

Motion by Mr. P. T. O'Meara, supported by Mr. R. N. Holloway:

That the report on Standard & Poor's Bond Rating be received and filed.

Yeas: Wiszowaty, Ketai, O'Meara, Drinkwine, Galed, Pietrzak, Rassel, Mekjian, Holloway (33 votes)
Nays: None
Absent: Jerome, Mueller (3 votes)

Motion carried.

- 9552 -

Motion by Mr. G. Rassel, supported by Mr. S. Pietrzak:

That the report on the Annual Organization Meeting and election of officers which is scheduled for Wednesday, July 14, 2010 at 3:00 p.m. at the Royal Oak Senior Community Center, 3500 Marais be received and filed. Further, that the Chair appoint a Nominating Committee composed of three members of the Board who should meet to select candidates to the various offices, for consideration of the Board of Trustees at the Organization Meeting.

Yeas: Wiszowaty, Ketai, O'Meara, Drinkwine, Galed, Pietrzak, Rassel, Mekjian, Holloway (33 votes)
Nays: None
Absent: Jerome, Mueller (3 votes)

Motion carried.

- 9553 -

Motion by Mr. R. N. Holloway, supported by Dr. D. Ketai:

That the report on DWSD Management Changes be received and filed.

Yeas: Wiszowaty, Ketai, O'Meara, Drinkwine, Galed, Pietrzak, Rassel, Mekjian, Holloway (33 votes)
Nays: None
Absent: Jerome, Mueller (3 votes)

Motion carried.

- 9554 -

Motion by Mr. G. Rassel, supported by Mr. R. N. Holloway:

That the Board approve contracting with the MRMMA for liability and property insurance in the amount of \$53,643 per year for the period July 1, 2010 through June 30, 2011 at the current level of insurance coverage.

Yeas: Wiszowaty, Ketai, O'Meara, Drinkwine, Galed, Pietrzak, Rassel, Mekjian, Holloway (33 votes)
Nays: None
Absent: Jerome, Mueller (3 votes)

Motion carried. The General Manager indicated that he would present information on liability insurance for Board Members at the next meeting.

- 9555 -

Motion by Dr. D. Ketai, supported by Mr. G. Rassel:

That the meeting be adjourned.

Yeas: Wiszowaty, Ketai, O'Meara, Drinkwine, Galed, Pietrzak, Rassel, Mekjian, Holloway (33 votes)
Nays: None
Absent: Jerome, Mueller (3 votes)

Motion carried.

The meeting was adjourned at 8:58 a.m.

APPROVED: _____
Chairman

Secretary

		S O C W A		CHECKS CUT FOR THE MONTH OF:			
WA-699				JUNE 2010			
CHECK	PURCHASE CODE	PAYEE	AMOUNT	PURPOSE			
Account: 1009							
044731		VC M155 Void Check	-100.00	Void Check			
046251	BD OK	CK M342 MERS HCSP	3,250.92	Employee Retirement Health Care Contributions			
046252	SS	CK S770 SOCWA Payroll Account	46,326.97	Payroll Ending 05/29/2010			
046253		CK U890 UWA Local 413	350.00	Union Dues			
046254		CK V325 Vantagepoint Transfer Agents	150.00	Deferred Compensation			
046255	BD OK	CK V327 Vantagepoint Transfer Agents 457	3,625.10	Deferred Compensation			
046256	SS	CK A120 ABB Instrumentation Inc	1,545.00	Maintenance of Meters			
046257		CK A850 Automatic Data Processing	246.81	Payroll Processing			
046258		CK A882 AT & T	62.03	Phone Service			
046259		CK B515 Boulevard & Trumbull Towing	187.50	Maintenance of Vehicles			
046260		CK B710 Pam Brady	50.00	Project Ecosystem - Flower Fund			
046261		CK C260 CDW-G	167.44	Computer Supplies			
046262		CK C440 Chet's Rent All	104.50	Maintenance of Equipment			
046263		CK C650 Comcast	59.95	Internet Security			
046264		CK C760 Consumers Energy	228.51	Gas Service			
046265		CK C770 Co-Op Optical	48.24	Employee Optical			
046266		CK D240 Lillian Dean	127.41	Compost Demo Supplies - Flower Fund			
046267		CK D260 Delwood Supply Company	374.74	Maintenance of Equipment			
046268		CK D290 Detroit Edison	699.72	Electric Service			
046269	SS	CK D291 Detroit Edison	2,512.72	Electric Service			
046270		CK D850 Durst Lumber Company	77.82	Tools			
046271		CK E195 Electrical Terminal Service	26.76	Maintenance of Equipment Tanks			
046272		CK E950 Ezell Supply Corp	93.78	Janitorial Supplies			
046273		CK G122 GPC Clawson	50.04	Maintenance of Vehicles			
046274		CK H780 The Home Depot	173.53	Maintenance of Property & Grounds			
046275		CK I520 Ikon Office Solutions	400.49	Maintenance of Office Equipment			
046276		CK I645 Infovision Systems Inc.	600.00	Maintenance of Computer Software			
046277		CK M190 Madison Electric Company	143.15	Maintenance of Equipment			
046278		CK M265 Nancy Massa	22.50	Earth Friendly -Art - Grant			
046279		CK M503 Michigan State University	611.00	Soil Test Boxes - Flower Fund			
046280	SS	CK M540 Miss Dig System Inc	2,419.25	Participation in System			
046281		CK M728 Penelope Morris	112.25	Maintenance of Property & Grounds - Garden			
046282		CK O305 OfficeMax- A Boise Co.	325.16	Office Supplies			
046283		CK O513 O'Reilly Auto Parts	40.41	Maintenance of Vehicles			
046284		CK P140 Paetec	116.35	Phone Service			

		S O C W A		CHECKS CUT FOR THE MONTH OF:			
WA-699				JUNE 2010			
CHECK	PURCHASE CODE	PAYEE	AMOUNT	PURPOSE			
046285		Plezall Wipers	337.05	Supplies			
046286		Michele Prud'homme	102.50	Educational Services - Grant			
046287		Rochester Lawn Equipment	266.73	Maintenance of Equipment			
046288		S O C R R A	103.20	Refuse Disposal			
046289		Standard Insurance Company	583.51	Employee Insurance			
046290		TASC	173.42	Retiree Health Care Reimbursement			
046291		Total Lawn Care, Inc.	823.00	Maintenance of Property & Grounds			
046292		Tringali Sanitation, Inc.	55.00	Refuse Pickup/Disposal			
046293	SS	United States Postal Service	1,000.00	Postage for Meter			
046294		WOW! Internet-Cable-Phone	42.99	Shafter Security			
046295		Billy J Young	150.00	Janitorial Services			
046296	SS	Detroit Water and Sewer Dept	712,940.98	Purchase Water Supply			
046297		Paetec	1,021.28	Phone Service			
046298		Federal Reserve Bank	50.00	U S Payroll Savings Bonds			
046299	BD OK	MERS of Michigan	20,322.37	Employee Retirement			
046300	SS	SOCWA Payroll Account	50,066.91	Payroll Ending 06/12/2010			
046301	BD OK	TASC	4,089.00	Retiree Health Care Reimbursement			
046302	BD OK	TASC	4,089.00	Retiree Health Care Reimbursement			
046303		Vantagepoint Transfer Agents	150.00	Deferred Compensation			
046304	BD OK	Vantagepoint Transfer Agents 457	3,625.10	Deferred Compensation			
046305		MFFPA	100.00	Replace check 44731 - Public Education - Grant			
046306		Acme Ladder & Supply	73.60	Supplies			
046307	BD OK	Association Benefits	22,840.52	Employee Health Insurance			
046308		Automatic Data Processing	278.71	Payroll Processing			
046309		CDW-G	410.00	Maintenance of Computer Hardware			
046310		Consumers Energy	514.06	Gas Service			
046311	SS	Detroit Edison	2,757.46	Electric Service			
046312		Durst Lumber Company	152.24	Maintenance of Property & Grounds			
046313	EMERG	Emerson Network Power	1,813.50	Maintenance of Equipment			
046314		Void Check	0.00	Void Check			
046315		Mary Ford	157.27	Employee Medical Reimbursement			
046316		GPC Clawson	154.44	Maintenance of Vehicles			
046317		Harbor Freight Tools	37.98	Tools			
046318		Kathryn Hyde	106.03	Employee Medical Reimbursement			
046319		Independent Newspapers	56.60	Notice of Public Hearing			
046320		J & J ACE Hardware	16.14	Tools			
046321		Michigan Municipal League	50.00	Directory			

		S O C W A		CHECKS CUT FOR THE MONTH OF:			
WA-699				JUNE 2010			
CHECK	PURCHASE CODE	PAYEE	AMOUNT	PURPOSE			
046322		Office Depot	653.51	Office Supplies			
046323		The Observer & Eccentric	37.50	Subscription			
046324		O'Reilly Auto Parts	2.99	Maintenance of Vehicles			
046325		Sharp Engineering, Inc.	440.00	Maintenance of Equipment			
046326		Super Car Wash Systems	40.00	Maintenance of Vehicles			
046327	SS	City of Troy	4,288.99	Maintenance of Vehicles			
046328	BD OK	US Bank Trust N A	701,418.75	Bond and Interest Payments			
046329		Billy J Young	150.00	Janitorial Services			
046330		Mary Ford	408.60	Reimburse Petty Cash			
046331		Fire Defense Equipment Co	461.49	Annual Equipment Inspection			
046332		Comcast	144.90	Internet Security			
046333	SS	SOCWA Payroll Account	46,894.71	Payroll Ending 06/26/2010			
046334		UWA Local 413	350.00	Union Dues			
046335		Vantagepoint Transfer Agents	150.00	Deferred Compensation			
046336	BD OK	Vantagepoint Transfer Agents 457	3,625.10	Deferred Compensation			
046337		Acme Ladder & Supply	47.12	Tools			
046338		American Water Works Assoc	168.00	Membership Renewal			
046339		Automatic Data Processing	254.02	Payroll Processing			
046340		AT & T	62.03	Phone Service			
046341		Karen Bever	252.28	Employee Medical Reimbursement			
046342		Consumers Energy	87.72	Gas Service			
046343		Contractors Connection	130.05	Maintenance of Equipment			
046344		Cox & Winfree Tire Inc	17.00	Maintenance of Vehicles			
046345		Cynergy	156.40	Maintenance of Vehicles			
046346		Detroit Edison	895.23	Electric Service			
046347	SS	Detroit Edison	3,738.82	Electric Service			
046348		Durst Lumber Company	123.81	Maintenance of Property & Grounds			
046349		Electrical Terminal Service	26.24	Maintenance of Tanks			
046350		Mary Ford	37.53	Employee Medical Reimbursement			
046351		Guardian Alarm	93.30	Security - Webster			
046352		Byron Hanson	224.00	Technical Assistance - Engineering			
046353		Harbor Freight Tools	169.99	Tools			
046354		The Home Depot	241.17	Maintenance of Tanks			
046355		Ikon Office Solutions	198.06	Maintenance of Office Equipment			
046356		Infoview Systems Inc.	200.00	Maintenance of Computer Software			
046357		J&M Reproduction	10.00	Copies of MHTS Property			
046358	GM OK	Rick Lazzell	1,000.00	Landscape Booklets Grant			

		S O C W A		CHECKS CUT FOR THE MONTH OF:			
WA-699				JUNE 2010			
CHECK	PURCHASE CODE	PAYEE	AMOUNT	PURPOSE			
046359	CK M165	M&K Trucking	300.00	Maintenance of Mains - Sand			
046360	CK M190	Madison Electric Company	738.90	Maintenance of Tanks			
046361	CK M297	McNaughton-McKay	771.76	Maintenance of Meters			
046362	CK M452	Michigan Green Industry Assoc.	3,000.00	MDNRNE Project - Grant			
046363	CK M453	MI Dept. of Natural Resources & Envir.	2,383.59	LAB Certification			
046364	CK P140	Paetec	1,032.18	Phone Service			
046365	CK P400	Pitney Bowes Credit Corp	240.00	Maintenance of Office Equipment			
046366	CK P675	The Print Stop, Inc.	711.00	Fertilizer Stickers - Grant			
046367	CK R407	RKA Petroleum	3,076.21	Fuel			
046368	CK R890	Rochester Lawn Equipment	78.42	Maintenance of Equipment			
046369	CK S790	The City of Southfield	2.34	Water Service			
046370	CK S833	Standard Insurance Company	583.51	Employee Life Insurance			
046371	CK T270	TASC	173.42	Retiree Health Care Reimbursement			
046372	CK T320	Teal Service Co.	2,930.52	Maintenance of Building - Webster			
046373	CK T930	Tringali Sanitation, Inc.	55.00	Refuse Pickup/Disposal			
046374	CK W825	WOW! Internet-Cable-Phone	42.99	Shafter Security			
046375	CK Y205	Billy J. Young	189.11	Employee Medical Reimbursement			
046376	CK Y208	Billy J Young	150.00	Janitorial Services			
046377	CK M728	Penelope Morris	104.24	Maintenance of Property & Grounds - Garden			
		Account Total:	1,678,503.14				
Acct 1013							
003524	CK H780	The Home Depot	133.35	Webster Gate Project			
003525	CK W120	Grainger	164.00	Webster Gate Project			
003526	CK H780	The Home Depot	134.87	Webster Gate Project			
		Account Total:	432.22				
Acct 1001							
003146-3151	CK S200	Employee Medical, Optical, Dental Reimbursement	1,431.89	Employee Medical, Optical, Dental Reimbursement			
		Account Total:	1,431.89				

Board of Trustees
Southeastern Oakland County Water Authority

Subject: Water and Sewage Rates – Survey

Board Members:

Attached is a survey of the water and sewage rates effective July 1, 2010 charged by the municipalities in the Southeastern Oakland County area. Following is the amount that is charged for debt service by each of these municipalities.

<u>Municipality</u>	<u>Per 1,000 SEV</u>	
Berkley	\$0.00	
Beverly Hills	0.00	
Bingham Farms	0.00	
Birmingham	0.00	
Clawson	0.00	
Ferndale	3.1333	Sewer/Water Main Improvements
Hazel Park	0.00	
Huntington Woods	0.00	
Lathrup Village	0.00	
Oak Park	0.00	
Pleasant Ridge	0.00	
Royal Oak	0.00	
Southfield	0.00	
Troy	0.00	

This report is submitted to the Board for its review and study.

Submitted by:

Kathryn S. Hyde
Executive Assistant

Approved by:

Jeffrey A. McKeen, P.E.
General Manager

KSH

Suggested Resolution: “That the survey of the 2010 Water and Sewage Rates currently charged by the municipalities in the Southeastern Oakland County area be received and filed.”

WATER AND SEWAGE DISPOSAL RATES

DELINQUENT BILLS

Municipality	Late Payment Penalty	
Berkley	10%	Service not shut off for lack of payment. 10% penalty assessed on current past due bill; interest not compounded. In March, outstanding balance of 180 days or more added to Tax Roll.
Beverly Hills	10%	Delinquent w&s bills over \$150 placed on tax roll through 2008. Effective 7-1-09, new policy is to shut-off delinquent w&s after an overdue bill is sent and after a warning is left at the home.
Bingham Farms	10%	Each area of service is reviewed annually for accounts more than 90 days past due and issued a shut-off notice. Properties with damaged stop boxes are certified to the taxes after 180 days delinquent.
Birmingham	1% per month + additional 15% penalty if rolled to tax bill for non-payment	On May 1 st , balances of 6 months or more are added to tax bill.
Clawson	5% + 1.5% Interest	Bills 6 months in arrears get transferred to taxes.
Ferndale	10% + additional \$50 penalty if previous balance is not paid before next bill is generated (60 days after due date)	Charge for shutting off water service - \$50; Charge for reconnecting service after regular DPW business hours - \$100; City reassesses delinquent bills, plus an 8% penalty/interest charge, to the July and/or December tax bill.
Hazel Park	10%	First, regular bill is sent with due date of approx. 20 to 30 days from mailing date, then past due bill is sent, then shutoff bill is sent and then, they are shutoff with a \$50.00 reconnection charge.
Huntington Woods	2%	After all else fails, the amount is remanded to the tax bill.
Lathrup Village	10%	Placed on tax bill in April each year.
Oak Park	10%	Two ways: City shuts off service to customers with delinquent balances over a certain dollar amount. Any balances delinquent for more than six months on any account are rolled to property taxes.
Pleasant Ridge	7% + additional 3% administrative penalty after 30 days	Water service is disconnected for non-payment. Delinquent accounts are added to tax bills annually. Payment arrangements may be made.
Royal Oak	5%	Anything due on an account as of 10/31 each year and not paid by the end of February is transferred to Oakland County with additional penalties – becomes a tax lien on the property separate from the city or county taxes.
Southfield	2% residential 5% commercial	Additional 15% administrative fee for all delinquent water bills that have rolled to taxes.
Troy	10%	If bills are 6 months in arrears, each March an additional 10% penalty is added and put on July tax bill.

BERKLEY

Water Service
\$14.10 per 1,000 cu. ft.

Sewage Disposal
\$14.60 per 1,000 cu. ft.
(Minimum Bill - \$98.40 per quarter)

Quarterly Meter Service Charge
0.75" Meter - \$39.83
1" Meter - 66.39
1" Meter - 132.77
2" Meter - 212.41
3" Meter - 464.67
4" Meter - 773.38

Sewer District
G.W.K.D.D.

Storm Water Utility Fixed Charge
\$55.09 per quarter/per equivalent residential unit

Average Single Family Home
Taxable Value = \$60,836

Water Bill Processing Fixed Charge
\$3.48 per quarter

BEVERLY HILLS

Water Service
\$16.37 per 1,000 cu. ft.

Sewage Disposal
\$42.38 per 1,000 cu. ft.
(Includes \$5.91/1,000 cu. ft. for debt service)
(Minimum Bill - \$58.75 per quarter) + \$6 meter charge

Quarterly Meter Service Charge
Up to 1" Meter - \$6.00
2" Meter - 9.00
3" Meter - 12.00
4" Meter - 15.00

(Wells-\$117.82/quarter flat rate)

Average Single Family Home
Taxable Value = \$125,982

Sewer District
Evergreen & G.W.K.D.D.

BINGHAM FARMS

Water Service
\$18.66 per 1,000 cu. ft.

Sewage Disposal
\$14.98 per 1,000 cu. ft.
(Minimum Water Bill - \$37.32 per quarter; Minimum Sewage Bill - \$29.96 per quarter)
Sewer Flat Rate - \$74.90 (They have their own well for water).

Quarterly Meter Service Charge
5/8" Meter - \$1.73
1" Meter - 3.45
1½" Meter - 5.87
2" Meter - 9.32
3" Meter - 12.59
4" Meter - 15.53
6" Meter - 25.88

Sewer District
Evergreen & Farmington

Average Single Family Home
Taxable Value = \$206,599

BIRMINGHAM

Water Service
\$24.39 per 1,000 cu. ft.

Sewage Disposal
\$58.42 per 1,000 cu. ft.
(Minimum Bill - \$5.00 per quarter)

Quarterly Meter Service Charge

5/8" Meter - \$5.00
1" Meter - 8.00
1½" Meter - 12.00
2" Meter - 16.00
3" Meter - 24.00
4" Meter - 32.00
6" Meter - 48.00
8" Meter - 64.00

Sewer District
G.W.K.D.D. (33%)
Evergreen-Farmington (67%)

Average Single Family Home

Taxable Value = \$164,070

CLAWSON

Combined Rate Water & Sewage Disposal

\$88.00/1,000 cu. ft.

(Minimum Bill - \$7.50 per quarter – includes \$7.50 billing charge)
Sewer drain debt shifted to tax bill.

Quarterly Meter Service Charge

None

Average Single Family Home

Taxable Value = \$61,000

Sewer District
G.W.K.D.D.
Evergreen

DETROIT

Water Service
\$16.59 per 1,000 cu. ft.

Sewage Disposal
\$31.41 per 1,000 cu. ft.
(Excludes Look-Back Adjustment)

Monthly Meter Service Charge

5/8" Meter - \$4.37
3/4" Meter- 6.56
1" Meter- 10.93
1½" Meter- 21.85
2" Meter - 34.96

+Billing Charge (Monthly)
\$3.92

+Drainage Charge (Monthly)
\$11.85

FERNDALE

Combined Rate Water & Sewage Disposal
\$101.00/1,000 cu. ft.

Plus
\$3.1333/\$1,000 SEV (Sewer/Water Main Improvements)

Quarterly Meter Service Charge

5/8"-3/4" Meter - \$5.20
1" Meter - 13.00
1½" Meter - 26.00
2" Meter - 41.60
3" Meter - 78.00
4" Meter - 130.00
6" Meter - 280.00

Sewer District
G.W.K.D.D.

Meter Operation Charge
\$12.00/quarter

Average Single Family Home
Taxable Value = \$43,938

HAZEL PARK

Water Service
\$35.54 per 1,000 cu. ft.

Sewage Disposal
\$39.60 per 1,000 cu. ft.
(Minimum Bill - \$43.51 per quarter)

Quarterly Meter Service Charge
Any Size - \$6.00

Average Single Family Home
Taxable Value = \$33,411

Sewer District
G.W.K.D.D.

HUNTINGTON WOODS

Combined Rate Water & Sewage Disposal
\$78.00/1,000 cu. ft.
(Minimum Bill - \$12.00 per quarter)

Capital Fee
\$12.00/quarter

Quarterly Meter Service Charge
None

Sewer District
G.W.K.D.D.

Average Single Family Home
Taxable Value = \$134,758

LATHRUP VILLAGE

Water Service
\$29.35 per 1,000 cu. ft.

Sewage Disposal
\$38.20 per 1,000 cu. ft.
(Minimum Bill - \$67.55 per quarter)

Quarterly Meter Service Charge

5/8" Meter - \$3.45
3/4" Meter - 4.29
1" Meter - 6.84
1½" Meter - 11.61
2" Meter - 17.97

Average Single Family Home
Taxable Value = \$59,060

Sewer District
Evergreen

OAK PARK

Water Service
\$30.27 per 1,000 cu. ft.

Sewage Disposal
\$57.29 per 1,000 cu. ft.
(Minimum Bill - \$58.60 per quarter -
includes meter charge + \$22.29 garbage pickup fee)

Quarterly Meter Service Charge

5/8" Meter - \$4.75
3/4" Meter - 5.03
1" Meter - 5.42
1½" Meter - 8.05
2" Meter - 9.14

Average Single Family Home
Taxable Value = \$43,554

Sewer District
S.O.C.S.D.S.

PLEASANT RIDGE

Combined Rate Water & Sewage Disposal
\$97.03/1,000 cu. ft.
(Minimum Bill - \$87.33 per quarter)

Quarterly Meter Service Charge
All Meter Sizes - \$2.40

Average Single Family Home
Taxable Value = \$225,000

Sewer District
G.W.K.D.D.

ROYAL OAK

Water Service

\$27.00 per 1,000 cu. ft.

\$30.00 per 1,000 cu. ft.

1st 20 units/qtr.

In Excess of 20 units/qtr.

(Minimum Bill - \$10.25 per quarter)

Sewage Disposal

\$65.00 per 1,000 cu. ft.

\$74.00 per 1,000 cu. ft.

Quarterly Meter Service Charge

All Meter Sizes - \$10.25

Average Single Family Home

Taxable Value = \$77,078

Sewer District

G.W.K.D.D.

SOUTHFIELD

Water Service

\$30.24 per 1,000 cu. ft.

(Both water and sewer charges include \$7.71 per 1,000 cu. ft. for capital improvements.)

Sewage Disposal

\$43.40 per 1,000 cu. ft.

Quarterly Meter Service Charge

5/8" Meter - \$3.88

3/4" Meter - 3.88

1" Meter - 5.60

1½" Meter - 9.90

2" Meter - 15.62

3" Meter - 18.67

4" Meter - 30.21

6" Meter - 53.71

8" Meter - 70.28

Sewer District

Evergreen

G.W.K.D.D.

Average Single Family Home

Taxable Value = \$85,600

TROY

Water Service

\$25.08 per 1,000 cu. ft.

Sewage Disposal

\$20.82 per 1,000 cu. ft.

(83% of Water)

(Minimum Bill - \$37.18 per quarter)

Quarterly Meter Service Charge

None

Average Single Family Home

Taxable Value = \$102,490

Sewer District

G.W.K.D.D., Evergreen

QUARTERLY BILL
 BASED ON
 WATER CONSUMPTION OF 4,000 CUBIC FEET
AND SERVED THROUGH A 5/8" METER

<u>Municipality</u>	<u>Cost of Water</u>	<u>Meter Service Charge</u>	<u>Sewage Disposal</u>	<u>Total Bill</u>
Berkley	\$56.40	\$39.83	\$58.40	\$213.20**
Beverly Hills	65.48	6.00	169.52	241.00
Bingham Farms	74.64	1.73	59.92	136.29
Birmingham	97.56	5.00	233.68	336.24
Clawson	-	0.00	-	359.50* ****
Huntington Woods	-	0.00	-	324.00* ***
Lathrup Village	117.40	3.45	152.80	273.65
Pleasant Ridge	-	2.40	-	390.52*
Royal Oak	114.00	10.25	278.00	402.25
Southfield	120.96	3.88	173.60	298.44
LOW				136.29
AVERAGE				297.51
HIGH				402.25

*Combined Rate - Water & Sewage - Clawson - \$88/1,000 cu. ft.
 Huntington Woods - \$78/1,000 cu. ft.
 Pleasant Ridge - \$97.03/1,000 cu. ft.

**Includes Storm Water Utility and Processing Fixed Charges

***Includes Capital Fee

****Includes Billing Charge

COMBINED QUARTER
WATER & SEWAGE DISPOSAL BILL
(SERVED BY 5/8" METER)

AVERAGE COST PER 1,000 CU. FT.
BASED ON WATER CONSUMPTION OF:

<u>Municipality</u>	<u>4,000 Cu. Ft.</u>	<u>8,000 Cu. Ft.</u>	<u>12,000 Cu. Ft.</u>	<u>16,000 Cu. Ft.</u>	<u>20,000 Cu. Ft.</u>
Berkley	\$53.30	\$41.00	\$36.90	\$34.85	\$33.62
Beverly Hills	60.25	59.50	59.25	59.13	59.05
Bingham Farms	34.07	33.86	33.78	33.75	33.73
Birmingham	84.06	83.44	83.23	83.12	83.06
Clawson	89.88	88.94	88.63	88.47	88.38
Huntington Woods	81.00	79.50	79.00	78.75	78.60
Lathrup Village	68.41	67.98	67.84	67.77	67.72
Pleasant Ridge	97.63	97.33	97.23	97.18	97.15
Royal Oak	100.56	102.28	102.85	103.14	103.31
Southfield	74.61	74.13	73.96	73.88	73.83
LOW	34.07	33.86	33.78	33.75	33.62
AVERAGE	74.38	72.79	72.27	72.00	71.85
HIGH	100.56	102.28	102.85	103.14	103.31

Board of Trustees
Southeastern Oakland County Water Authority

Subject: Annual Actuarial Valuation Report -
Michigan Municipal Employees' Retirement System

Board Members:

The Authority has received a copy of the Annual Actuarial Valuation Report as of December 31, 2009, covering the Water Authority's participation in the Michigan Municipal Employees' Retirement System (MERS).

Funding Level

As of December 31, 2009, the Authority's retirement program was 70% funded. This was an increase from the funding level of 65% that we had for last year. The funding levels for 2009 were 63% for the plan for salaried employees and 81% for the plan for union employees.

VALUATION DATE DECEMBER 31,	FUNDED PERCENT
2005	69%
2006	69%
2007	69%
2008	65%
2009	70%

Unfunded Accrued Liability

As of December 31, 2010, the Authority's unfunded accrued liability was \$2,222,524. This was a 19% decrease over the unfunded accrued liability as of December 31, 2008.

Changes in Actuarial Calculations

MERS made two minor changes in their actuarial calculations. MERS used a revised rate of expected employee retirement and a lower wage inflation assumption for 2010-2014. The net result of these changes was a decrease in our actuarial accrued liability of \$324,648. MERS also reduced the amortization period for the unfunded accrued liability for the union plan from 16 years to 14 years. We are working with the Utility Workers to have all new employees covered by the MERS Hybrid Plan rather than the defined contribution plan contained in our current contract. This change would allow MERS to reopen the union plan which in turn would change this amortization period from 14 years to 28 years which would result in a lower annual pension cost. The amortization period for the unfunded accrued liability for the salaried plan remained unchanged at 28 years.

Recognition of 2008 and 2009 Market Conditions

Since 2006, MERS has used a 10 year smoothed value of assets to reduce the amount of volatility in the actuarial funded percentage and the required employee contribution. Therefore, only 20% of the market losses that occurred in 2008 and 10% of the market gains that occurred in 2009 were recognized in the December 31, 2009 valuation. As of December 31, 2009, the actuarial value of our plan assets was 125% of the market value, which is a significant improvement from the 139% of market value as of December 31, 2008. This means that meeting the actuarial assumption in the next few years will require average annual market returns that substantially exceed the 8% annual investment return assumption.

Annual Cost

The following is a tabulation of the cost to SOCWA for the Retirement Program:

Fiscal Year	Salaried % of Payroll	Union % of Payroll/Monthly Contribution	Total Annual Cost
2007/08	21.53	\$8,643	\$228,228
2008/09	23.13	\$8,971	\$233,760
2009/10	24.36	\$9,042	\$247,740
2010/11	25.43	\$11,763	\$299,412
2011/12	24.75	\$8,545	\$247,044

The actual annual cost for 2011/12 will decrease 17% from that of 2010/11. As discussed above, we are talking with the Utility Workers about the adoption of the MERS Hybrid Pension Plan for new hires. This would enable us to reopen the closed pension plan for our Union employees, which would help to reduce our pension costs for 2012/13.

As of December 31, 2009, 19 retirees and beneficiaries received annual pension benefits of \$389,829.

Projections of Contributions Needed to Attain Higher Funding Levels

MERS has again provided projections of how the funding levels for our plans are projected to change in the future and projections of the contributions that would be needed to achieve higher funding levels. Separate projections were made for our Union and Salaried plans.

For the Union Plan, the funding level is projected to be 98% in 2029, assuming that we continue to fund the plan at the level recommended by MERS. Under this scenario, the annual funding will increase every year until it peaks at about \$120,000 in 2016. After 2016, the annual funding decreases every year until it reaches a level of about \$15,000 in 2031. MERS also provided projections of the contributions that would be required to reach 100% funding in 5 years and 10 years. In both of these scenarios, higher contributions in the early years would result in lower contributions after the 100% funding level is reached.

For the Salaried Plan, the funding level is projected to decrease very slowly from its current 63% level until 2028, assuming that we continue to fund the plan at the level recommended by MERS. Under this scenario, the annual funding will increase every year throughout this period until it reaches about \$280,000 in 2031. MERS also provided projections of the contributions that would be required to reach 80% funding after 5 years and 10 years. In both of these cases, higher funding in the initial years will reduce the amount of growth in the annual funding level in the later years.

I will be reviewing these projections, along with our OPEB unfunded accrued liability, with the Audit Committee as we review the audit for the 2009/10 fiscal year in order to develop a recommendation for review by the Board.

It is recommended that the Actuarial Valuation Report be received and filed.

Respectfully submitted,

Jeffrey A. McKeen, P.E.
General Manager

Suggested Resolution: "That the Annual Actuarial Valuation Report, covering the Water Authority's participation in the Michigan Municipal Employees Retirement System (MERS), be received and filed."

June 15, 2010

Board of Trustees
Southeastern Oakland County Water Authority

Subject: DWSD Water Rates

Board Members:

The Detroit City Council finally approved the proposed 2010/11 water rates on June 15, 2010 by a 5-4 vote. Council members Gary Brown, Ken Cockrel, Charles Pugh, Andre Spivey and James Tate voted to approve the rates; Saunteel Jenkins, Brenda Jones, Kwame Kenyatta and JoAnn Watson voted against the rates. The rates were approved as submitted. The proposed rates will go into effect on July 1, 2010.

Respectfully Submitted,

Jeffrey A. McKeen, P.E.
General Manager

Suggested Resolution: "That the report on DWSD Water Rates be received and filed."

July 1, 2010

Board of Trustees
Southeastern Oakland County Water Authority

Subject: Michigan Municipal Employees' Retirement System - Annual Meeting

Board Members:

The Annual Meeting of the Michigan Municipal Employees' Retirement System will be held on September 15-17, 2010 at the Radisson Plaza Hotel in Kalamazoo, Michigan.

It is proposed that the employee delegate and the officer delegate attend the meeting. If either delegate were unable to attend, the alternate would represent the Water Authority.

It is recommended that the Board adopt the attached resolution, providing for the employee and officer delegates to participate in the Michigan Municipal Employees' Retirement System Annual Meeting.

Submitted by:

Kathryn S. Hyde
Executive Assistant

Approved by:

Jeffrey A. McKeen, P.E.
General Manager

KSH
Attach.

Suggested Resolution: "That the attached resolution be adopted."

SOUTHEASTERN OAKLAND COUNTY WATER AUTHORITY

PROPOSED RESOLUTION

Delegate and Alternate
Annual Retirement System Meeting

WHEREAS, the Michigan Municipal Employees' Retirement System will hold its Annual Meeting at the Radisson Plaza Hotel in Kalamazoo, Michigan on September 15-17, 2010, and

WHEREAS, employees of the Southeastern Oakland County Water Authority elected by secret ballot Todd Rickerd as delegate and John Schandavel as alternate to represent the employees of the Southeastern Oakland County Water Authority at this Annual Meeting;

NOW THEREFORE BE IT RESOLVED, that the Secretary be directed to notify the Michigan Municipal Employees' Retirement System of the employees' selection of Delegate and Alternate, and

BE IT FURTHER RESOLVED, that this Board does hereby appoint Jeffrey A. McKeen as Officer Delegate and Mary Ford as Alternate to represent the Water Authority.

July 7, 2010

Board of Trustees
Southeastern Oakland County Water Authority

Subject: Liability Insurance for Directors and Officers

Board Members:

At the June Board meeting, I was requested to review our insurance coverage for liability for members of the Board. The short answer is that members of the Board, as well as all employees of SOCWA, have full liability coverage through our existing insurance coverage through the Michigan Municipal Risk Management Authority.

Our insurance through the MMRMA is governed by a single document that covers both liability and property insurance. Under the liability portion of the document, the "Member" (SOCWA) is insured against wrongful acts. The term "Member" is defined, among other things, as any former or present employee, "while acting within the scope of their official duties or operations on behalf of the Member". In turn, "employee" is defined to include "members of the governing body, and any person officially appointed by the Member to any Boards or Commissions" in addition to the employees of SOCWA.

The MMRMA insurance document does have an Exclusions section that lists activities that are not covered. The only relevant exclusion is any criminal activity. All other exclusions are not relevant to liability coverage for Directors and Officers.

Since the members of the SOCWA Board are all appointed by their community, each member probably also has liability insurance coverage through their community. Any community insured by the MMRMA, Bingham Farms as an example, does provide liability insurance coverage to all people appointed to Boards or Commissions.

In summary, all members of the SOCWA Board have full liability coverage under SOCWA's insurance through the MMRMA, as long as they are acting within the scope of their official duties and as long as no criminal activity is involved. In addition to the coverage through SOCWA's insurance policy, members of the Board are probably covered by the liability insurance policy held by their community.

Respectfully Submitted,

Jeffrey A. McKeen, P.E.
General Manager

Suggested Resolution: "That the report on Liability Insurance for Directors and Officers be received and filed."

July 8, 2010

Board of Trustees
Southeastern Oakland County Water Authority

Subject: Fixed Base Metering

Board Members:

The Authority staff has been continuing to work with the manufacturers and suppliers of fixed base collector systems in an effort to define a fixed base meter reading system that could be used by the member communities. Our focus has been to develop a communication system that could be used both by SOCWA for our communication needs and by the member communities for fixed base meter reading. This would require a communication system that could handle a variety of fixed base meter reading systems as well as the information from the SOCWA systems. Each member community would then be able to adopt a fixed base meter reading system that meets their needs, install the necessary meter interface equipment as their budget allows, and use the SOCWA data collection and communication system to transmit the meter reads. We believe that a number of vendors could develop a data collection and communication system that is capable of performing these tasks.

We propose to develop a request for proposals for a communication system that would meet the following general criteria:

1. Be used by SOCWA for communicating data to Webster Station from the SOCWA sales meters, the SOCWA pump and metering stations and for communicating security camera information.
2. Be able to be used by each member community to communicate water meter reads from the resident's homes to each community.
3. Allow 2 way communications to and from each home.
4. Be able to interface with a variety of water meters.
5. A flexible system that will adapt to future changes in technology.

The RFP will be reviewed with the Board before it is released to the vendor community. We will establish a review committee of representatives of the member communities that will bring a recommendation to the Board for approval. SOCWA staff will also investigate possible funding mechanisms including the State Revolving Fund. We may need additional data from the member communities in order to develop a complete RFP. We will contact you if we require additional information from your community.

Respectfully submitted,

Jeffrey A. McKeen, P.E.
General Manager

Suggested Resolution: "That the report on Fixed Base Meter Reading be received and filed."

July 6, 2010

Board of Trustees
Southeastern Oakland County Water Authority

Subject: Telephone Contract with Center City Communications

Board Members:

Our existing three year contract with Center City Communications for phone service is expiring in July. We have worked with Center City to negotiate a new contract that includes our existing service plus the 2 lines that are used to transmit data from SOCRRA's Material Recovery Facility and Transfer Station to our office. Center city is offering this bundle of services for a price of \$935.63 per month, which compares favorably to the current price of \$1,132 per month. In addition, Center City is proposing to reduce the price of our long distance calls to \$0.026 per minute from the current rate of about \$0.04 per minute. This does not result in a significant savings because our long distance usage is extremely small.

Center City Communications is a local company that assembles products from various vendors in order to provide a phone system that meets the needs of their clients. They also provide any service required for their clients by dealing with the appropriate vendor to resolve any issues. After a few start up issues three years ago, we have been very happy with the service provided by Center City. Our phone and data service has been much more reliable since we switched to Center City from AT&T.

This new contract will still leave us with AT&T telephone service at one SOCWA location and at several SOCRRA locations because Center City does not offer the appropriate type of telephone service at all locations. In addition, we continue to use internet services through Wow! and Comcast to transmit security camera information from SOCWA stations to the Control Room at our Webster office because Center City does not provide this type of service.

I am recommending that the Board accept the Center City proposal and authorize me to develop the appropriate agreement and sign the agreement on behalf of the Board. The agreement will cover all of the telephone lines used by both SOCWA and SOCRRA. SOCRRA reimburses SOCWA for their portion of the telephone expenses through the annual rental that is paid by SOCRRA to SOCWA.

Respectfully submitted:

Jeffrey A. McKeen, P.E.
General Manager

Suggested Resolution: "That the General Manager is authorized to develop a three year agreement with Center City Communications for telephone service and that the General Manager is authorized to sign the agreements on behalf of the Board."

SOUTHEASTERN OAKLAND COUNTY WATER AUTHORITY

WATER CONSUMPTION REPORT

AVERAGE M.G. PER DAY

JUNE

<u>Purchased from Detroit</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>
Buchanan	0.00	0.00	0.00	0.00
Lamb	2.76	0.00	0.97	0.14
Shafter	2.31	0.00	0.07	1.33
12 Mile	17.35	12.27	10.06	11.84
14 Mile	13.04	13.94	16.03	11.66
16 Mile (10")	2.80	1.52	0.20	1.24
16 Mile (2")	0.08	0.05	0.01	0.06
Square Lake (BH1)	0.00	0.00	0.00	0.74
Square Lake (BH2)	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>1.00</u>
Total:	38.34	27.78	27.34	28.01
<u>Sold by Authority</u>				
Berkley	1.54	1.26	1.25	1.22
Beverly Hills	2.07	1.13	1.22	1.08
Bingham Farms	0.55	0.37	0.40	0.33
Birmingham	4.31	3.02	2.77	2.98
Bloomfield Hills	0.00	0.00	0.00	1.75
Clawson	1.29	0.98	0.95	0.92
Ferndale	0.00	0.00	0.00	0.00
Huntington Woods	0.87	0.61	0.65	0.74
Lathrup Village	0.71	0.42	0.44	0.35
Pleasant Ridge	0.51	0.31	0.32	0.30
Royal Oak	8.56	6.57	6.52	6.36
Southfield	16.87	12.39	12.27	11.88
Detroit (Zoo & Rackham)	<u>0.86</u>	<u>0.53</u>	<u>0.56</u>	<u>0.52</u>
Total:	38.14	27.59	27.35	28.43
Water Sales Over or Under Water Purchased	-0.20	-0.19	0.01	0.42
Per Cent	-0.52%	-0.68%	0.04%	1.50%

SOUTHEASTERN OAKLAND COUNTY WATER AUTHORITY
BUDGET ANALYSIS
June-10

	<u>BUDGET</u>	<u>ACTUAL</u>	<u>VARIANCES</u>
REVENUES			
<u>OPERATION</u>			
SALE OF WATER	\$1,476,946.80	\$1,241,313.68	(\$235,633.12)
SALE OF WATER OTHERS	0.00	129,643.96	129,643.96
	<u>\$1,476,946.80</u>	<u>\$1,370,957.64</u>	<u>(\$105,989.16)</u>
<u>OTHER INCOME</u>			
RENTALS	\$25,893.00	\$10,786.00	(\$15,107.00)
WATER ANALYSIS-LAB & MISC	1,000.00	0.10	(999.90)
GRANT REVENUE	4,000.00	3,845.37	(154.63)
INTEREST ON INVESTMENTS	2,500.00	1,019.03	(1,480.97)
	<u>\$33,393.00</u>	<u>\$15,650.50</u>	<u>(\$17,742.50)</u>
TOTAL REVENUES	<u>\$1,510,339.80</u>	<u>\$1,386,608.14</u>	<u>(\$123,731.66)</u>
<u>EXPENSES</u>			
WATER PURCHASED FOR RESALE	\$2,790,269.00	\$712,940.98	(\$2,077,328.02)
POWER,PUMPING & GROUNDS WEBSTER	45,793.33	57,867.02	12,073.69
POWER,PUMPING & GROUNDS	22,096.11	18,995.97	(3,100.14)
COMPUTER OPERATIONS	3,155.65	4,798.12	1,642.47
PURIFICATION	5,033.33	7,106.79	2,073.46
METERS & MAINS	15,270.83	21,986.87	6,716.04
ENGINEERING	6,258.00	9,674.87	3,416.87
ADMINISTRATIVE & GENERAL	105,185.75	38,330.79	(66,854.96)
BOND INTEREST	76,418.75	76,418.75	0.00
	<u>\$3,069,480.75</u>	<u>\$948,120.16</u>	<u>(\$2,121,360.59)</u>
REVENUES OVER EXPENSES	<u>(\$1,559,140.95)</u>	<u>\$438,487.98</u>	<u>\$1,997,628.93</u>

SOUTHEASTERN OAKLAND COUNTY WATER AUTHORITY
BUDGET ANALYSIS
JULY 1, 2009 THROUGH JUNE 30, 2010

	<u>BUDGET</u>	<u>ACTUAL</u>	<u>VARIANCES</u>
REVENUES			
<u>OPERATION</u>			
SALE OF WATER MEMBERS	\$14,132,802.00	\$12,814,013.08	(\$1,318,788.92)
SALE OF WATER OTHERS	0.00	1,457,965.08	\$1,457,965.08
	<u>\$14,132,802.00</u>	<u>\$14,271,978.16</u>	<u>\$139,176.16</u>
<u>OTHER INCOME</u>			
RENTALS	\$120,126.00	\$100,125.92	(\$20,000.08)
WATER ANALYSIS-LAB & MISC	12,000.00	139,087.60	127,087.60
GRANT REVENUE	42,000.00	27,697.02	(14,302.98)
INTEREST ON INVESTMENTS	30,000.00	12,557.78	(17,442.22)
	<u>\$204,126.00</u>	<u>\$279,468.32</u>	<u>\$75,342.32</u>
TOTAL REVENUES	<u>\$14,336,928.00</u>	<u>\$14,551,446.48</u>	<u>\$214,518.48</u>
<u>EXPENSES</u>			
WATER PURCHASED FOR RESALE	\$10,916,371.00	\$7,950,499.24	(\$2,965,871.76)
WATER PURCHASE IN TRANSIT	0.00	2,580,795.65	2,580,795.65
POWER,PUMPING & GROUNDS WEBSTER	512,300.00	487,432.98	(24,867.02)
POWER,PUMPING & GROUNDS	261,350.00	189,741.35	(71,608.65)
COMPUTER OPERATIONS	37,868.00	31,297.73	(6,570.27)
PURIFICATION	60,400.00	58,825.83	(1,574.17)
METERS & MAINS	183,250.00	174,700.75	(8,549.25)
ENGINEERING	82,100.00	83,676.26	1,576.26
ADMINISTRATIVE & GENERAL	1,066,500.00	1,122,590.11	56,090.11
BOND INTEREST	152,837.50	152,837.50	0.00
	<u>\$13,272,976.50</u>	<u>\$12,832,397.40</u>	<u>(\$440,579.10)</u>
REVENUES OVER EXPENSES	<u>\$1,063,951.50</u>	<u>\$1,719,049.08</u>	<u>\$655,097.58</u>

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: **June 2010** # of Weeks: **5**

Routine Distribution Samples												
Community (Sample Location)	Sta.	Cl ₂	Date:	P/A	Cl ₂	Date:	P/A	Cl ₂	Date:	P/A	Cl ₂	Date:
			06/02/10		06/09/10		06/16/10		06/23/10		06/30/10	
City of Berkley (WSSN #0630)												
Einstein Bagel	BE-1	0.60	A	0.70	A	0.80	A	0.70	A	0.70	A	0.70
Auto One	BE-2	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A	0.70
DPW Building	BE-3	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A	0.70
Public Safety Building	BE-4	0.70	A	0.60	A	0.60	A	0.70	A	0.60	A	0.60
Village of Beverly Hills (WSSN #0690)												
Valvoline Oil Change	BH-1	0.80	A	0.80	A	0.80	A	0.80	A	0.80	A	0.80
Public Safety Building	BH-2	0.80	A	0.70	A	0.80	A	1.00	A	0.80	A	0.80
Berkshire School	BH-3	0.70	A	0.80	A	0.80	A	0.80	A	0.80	A	0.80
Village of Bingham Farms (WSSN #0715)												
Tei Bingham Offices	BF-1	0.80	A	0.80	A	0.80	A	0.80	A	0.80	A	0.80
Butzel Long Building	BF-2	0.70	A	0.80	A	0.70	A	0.70	A	0.70	A	0.70
City of Birmingham (WSSN #0730)												
D.R.S.	BI-1	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A	0.70
Adams Fire Station	BI-2	0.70	A	0.80	A	0.70	A	0.70	A	0.70	A	0.60
Police Station	BI-3	0.40	A	0.50	A	0.50	A	0.50	A	0.50	A	0.50
Chesterfield Fire Station	BI-4	0.70	A	0.70	A	0.70	A	0.80	A	0.80	A	0.70
Derby School	BI-5	0.70	A	0.70	A	0.70	A	0.80	A	0.80	A	0.70
City of Clawson (WSSN #1440)												
Auger's Collision	CL-1	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A	0.70
Police Station	CL-2	0.60	A	0.60	A	0.60	A	0.70	A	0.70	A	0.70
DPW Building	CL-3	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A	0.70
National Coney	CL-4	0.80	A	0.80	A	0.80	A	0.80	A	0.80	A	0.80
City of Huntington Woods (WSSN #3310)												
Community Center	HW-1	0.80	A	0.70	A	0.80	A	0.70	A	0.70	A	0.70
Police Station	HW-2	0.80	A	0.80	A	0.70	A	0.80	A	0.80	A	0.70
Rackham Golf Course	HW-3	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A	0.70
City of Lathrup Village (WSSN #3800)												
\$2.89 Cleaners	LV-1	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A	0.70
DPW Building	LV-2	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A	0.70
Lathrup City Hall	LV-3	0.70	A	0.80	A	0.80	A	0.80	A	0.80	A	0.80
City of Pleasant Ridge (WSSN #5390)												
D.P.W.	PR-1	0.70	A	0.70	A	0.70	A	0.70	A	0.60	A	0.70
Sunoco Station	PR-2	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A	0.70
Community Center	PR-3	0.80	A	0.80	A	0.70	A	0.80	A	0.80	A	0.70

Cl₂ (Chlorine measured in mg/L)
 P/A (Presence/Absence 100 mL/sample)

Routine Distribution Samples

Community (Sample Location)	Sta.	Date:	Date:	Date:	Date:	Date:	Date:	Date:	Date:		
		Cl ₂	P/A	Cl ₂	P/A	Cl ₂	P/A	Cl ₂	P/A	Cl ₂	P/A
City of Royal Oak (WSSN #5830)											
Tim Horton's	RO-1	0.80	A	0.80	A	0.80	A	0.80	A	0.80	A
Fire Station 6 th & Troy	RO-2	0.70	A	0.70	A	0.70	A	0.80	A	0.70	A
McPeeks Cigo	RO-3	0.80	A	0.80	A	0.80	A	0.70	A	0.80	A
Fire Station Wood/13	RO-4	0.40	A	0.50	A	0.40	A	0.50	A	0.40	A
Spanga's Coney Island	RO-5	0.60	A	0.70	A	0.70	A	0.70	A	0.70	A
Big Y Auto	RO-6	0.70	A	0.80	A	0.70	A	0.70	A	0.70	A
McDonald's	RO-7	0.70	A	0.80	A	0.80	A	0.70	A	0.80	A
Howie Glass	RO-8	0.80	A	0.70	A	0.80	A	0.70	A	0.80	A
City of Southfield (WSSN #6160)											
Northland Power House	SO-1	0.70	A	0.80	A	0.80	A	0.80	A	0.70	A
Top Value	SO-2	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
JAX Car Wash	SO-3	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
Midas Muffler	SO-4	0.80	A	0.80	A	0.80	A	0.80	A	0.80	A
Kirby's Coney Island	SO-5	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
Hellenic Coney	SO-6	0.80	A	0.80	A	0.80	A	0.70	A	0.70	A
Midas Muffler	SO-7	0.70	A	0.80	A	0.80	A	0.70	A	0.70	A
OCRC Garage	SO-8	0.70	A	0.70	A	0.80	A	0.80	A	0.80	A
JAX Car Wash	SO-9	0.60	A	0.70	A	0.70	A	0.70	A	0.70	A
SOCWA Entry Points (WSSN #6150)											
Livernois Pump Station	WA-1	0.20	A	0.50	A	0.20	A	0.20	A	0.40	A
Lamb Pump Station	WA-2	0.20	A	0.20	A	0.20	A	0.20	A	0.20	A
Webster Pump Station	WA-3	0.80	A	0.70	A	0.80	A	0.80	A	0.80	A
**from Webster 10 MG	WA-4	0.40	A	0.40	A	0.40	A	0.40	A	0.40	A
**from Webster 7.5 MG	WA-5	0.40	A	0.40	A	0.40	A	0.40	A	0.40	A
Gare Pump Station	WA-6	0.70	A	0.70	A	0.80	A	0.80	A	0.80	A
**from Gare 4.5 MG	WA-7	0.70	A	0.70	A	0.80	A	0.80	A	0.70	A
14 Mile Pump Station	WA-8	1.00	A	0.80	A	1.00	A	0.80	A	0.80	A
**from 14 Mile 5.0 MG	WA-9	1.00	A	0.80	A	1.00	A	1.00	A	1.00	A
Samoset Elevated Tank	WA-10	1.00	A	1.00	A	1.00	A	1.00	A	1.00	A
Oliver Pump Station	WA-11	0.80	A	1.00	A	1.00	A	1.00	A	1.00	A
Buchanan Pump Station	WA-12	0.40	A	0.40	A	0.50	A	0.50	A	0.40	A
**from Buchanan 2.5 MG	WA-13	OOS	OOS	OOS	OOS	OOS	OOS	OOS	OOS	OOS	OOS
Metered Connections											
Detroit Zoo	MC-1	0.70	A	0.70	A	0.70	A	0.70	A	0.70	A
Beaumont Hospital	MC-2	0.70	A	0.70	A	0.80	A	0.70	A	0.70	A
Total: Routine Municipal Samples			58		58		58		58		58
Total: Water Main Construction & Misc.			0		10		4		3		1
Total: Samples for Month:		308		58	68	62		61			59

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
1979	1.58	0.28	1.63	4.85	2.32	2.70	4.03	2.30	0.25	1.43	4.00	2.45	27.82
1980	0.78	1.16	3.60	4.03	3.53	4.27	1.45	5.96	4.75	1.40	0.85	2.43	34.21
1981	0.47	3.20	0.62	3.85	2.35	1.78	3.85	1.85	7.70	4.05	0.95	2.20	32.87
1982	3.06	0.99	7.87	1.53	2.61	3.50	2.68	1.09	2.52	0.56	5.48	3.09	34.98
1983	0.98	1.49	1.92	3.98	4.85	5.10	4.08	1.62	1.63	2.57	3.93	3.16	35.31
1984	2.67	1.26	3.82	1.91	4.11	0.95	2.06	4.26	3.04	1.91	2.88	3.14	32.01
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
AVG.	1.86	1.59	2.18	2.42	2.99	2.99	2.79	2.76	3.07	2.31	2.49	2.20	29.65
2010	0.80	1.65	0.67	1.80	4.30	3.40							12.62

**SOUTHEASTERN OAKLAND COUNTY WATER AUTHORITY
3910 W. Webster Road
Royal Oak, MI 48073-6764**

248-288-5150

**General Manager, Jeffrey A. McKeen
Operations Director, Michael A. Czuprenski
Authority Engineer, John Schandavel**

<i>Board of Trustees</i>	
Berkley	Bruce Jerome
Beverly Hills	Chris Wilson
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Pleasant Ridge	Scott Pietrzak
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Southfield Twp.	Dick Holloway

Meetings are held at various locations throughout SOCWA's member municipalities and are posted on SOCWA's web site (www.socwa.org). Meeting times and locations are subject to change.

<i>Meeting Schedule – 2010/11</i>	
Wednesday, July 14, 2010 - 3:00 pm	Royal Oak Senior Community Center, 3500 Marais
Wednesday, August 11, 2010 - 8:30 am	Birmingham Department of Public Services, 851 S. Eton
Wednesday, September 8, 2010 - 8:30 am	Southfield Township Town Hall, 18550 W. 13 Mile Road
Wednesday, October 13, 2010 - 8:30 am	Pleasant Ridge Community Center, 4 Ridge Road
Wednesday, November 10, 2010 - 8:30 am	Bingham Farms Municipal Offices, 24255 13 Mile Road
Wednesday, December 8, 2010 - 8:30 am	Berkley Public Safety Building, 2395 Twelve Mile Road
Wednesday, January 12, 2011 - 8:30 am	Clawson City Hall Community Room, 425 N. Main Street
Wednesday, February 9, 2011 - 8:30 am	Beverly Hills Council Chambers, 18500 W. 13 Mile Road
Wednesday, March 9, 2011 - 8:30 am	Oak Park Community Center, 14300 Oak Park Blvd.
Wednesday, April 13, 2011 - 8:30 am	Huntington Woods Library, 26415 Scotia
Wednesday, May 11, 2011 - 8:30 am	Hazel Park Library, 123 E. Nine Mile Road
Wednesday, June 8, 2011 - 8:30 am	Southfield Library, 26000 Evergreen