

Michigan Department of Treasury
Office of Revenue and Tax Analysis
PO Box 30722
Lansing MI 48909

RE: Compliance Form 4886 for Macomb Township, MI Transparency & Accountability

The Macomb Township is pleased to submit form 4886 with the required documents per Public Act 268, in compliance with the State of Michigan's Transparency and Accountability Initiative.

The Macomb Township has chosen to use a web-service for this requirement, and has partnered with Munetrix to showcase our data.

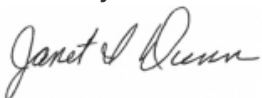
Included with this letter are the required documents for Macomb Township's:

- Citizen's Guide to Finances including our Pension and OPEB status
- Performance Dashboard
- Debt Service Report
- Projected Budget Report

We have made the data available to the public via a link on our website; as well we will make available limited quantities of paper copies in our municipality lobby and notify residents in our periodic mailings. You will find the confirmation of our website link and various supporting transparency documentation included with this letter.

We look forward to receiving these important funds from the State of Michigan and trust you will contact us if there are any questions or concerns.

Sincerely,



Janet I Dunn
Supervisor

Michigan Department of Treasury
(Recreated) 4886 (Rev. 09-16)

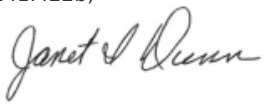
City, Village, and Township Revenue Sharing and County Incentive Program Certification

Issued under authority of 2016 Public Act 268. Filing is mandatory to qualify for payments.

Each city/village/township/county applying for City, Village, and Township Revenue Sharing or County Incentive Program payments must:

1. Certify to the Michigan Department of Treasury (Treasury) that the local unit listed below has produced and made available to the public a Citizen’s Guide, a Performance Dashboard, a Debt Service Report, and a Projected Budget Report as required by 2016 Public Act 268. The local unit must include in any mailing of general information to its citizens, the Internet website address or the physical location where all the documents are available for public viewing in the clerk’s office.
2. Submit to Treasury a Citizen’s Guide, a Performance Dashboard, a Debt Service Report, and a Projected Budget Report.

This certification, along with a Citizen’s Guide, a Performance Dashboard, a Debt Service Report, and a Projected Budget Report, **must be received by December 1, 2016**, (or the first day of a payment month) in order to qualify for that month’s payment. Postmark dates will not be considered. For questions, call 517-373-2697.

PART 1: LOCAL UNIT INFORMATION			
Local Unit Name Macomb Township		Local Unit County Name Macomb County	
Local Unit Code 501080		Contact E-Mail Address vanreyendams@macomb-mi.gov	
Contact Name Stacy VanReyendam	Contact Title Finance Director	Contact Telephone Number 586-992-0710	Extension
Website Address, if reports are available online http://munetrix.com/sections/data/municipal.php?MuniID=1506&Type=Township			Current Fiscal Year End Date 2016-06-30
PART 2: CITIZEN'S GUIDE			
Check any of the following that apply:			
<input type="checkbox"/> The local unit has elected to use Treasury’s online Citizen’s Guide to comply with the legislative requirements. Therefore, a copy of the Citizen’s Guide will not be submitted to Treasury.			
<input type="checkbox"/> The local unit does not have any unfunded pensions or other post employment benefits (OPEB).			
PART 3: CERTIFICATION			
<i>In accordance with 2016 Public Act 268, the undersigned hereby certifies to Treasury that the above mentioned local unit 1) has produced a Citizen’s Guide, a Performance Dashboard, a Debt Service Report, and a Projected Budget Report and 2) will include in any mailing of general information to our citizens, the Internet website address or the physical location where all the documents are available for public viewing in the clerk’s office. The Citizen’s Guide, Performance Dashboard, Debt Service Report, and Projected Budget Report are attached to this signed certification, unless otherwise noted in Part 2.</i>			
Chief Administrative Officer Signature (as defined in MCL 141.422b) 		Printed Name of Chief Administrative Officer (as defined in MCL 141.422b) Janet I. Dunn	
Title Supervisor		Date November 29, 2016	

Completed and signed form (including required attachments) should be e-mailed to: **TreasRevenueSharing@michigan.gov**
If you are unable to submit via e-mail, fax to 517-335-3298 or mail the completed form and required attachments to:

Michigan Department of Treasury
Office of Revenue and Tax Analysis
PO Box 30722
Lansing MI 48909

TREASURY USE ONLY		
CVTRS/CIP Eligible <p style="text-align: center;">Y N</p>	Certification Received	Citizen's Guide Received
Performance Dashboard Received	Debt Service Report Received	Projected Budget Report Received
Final Certification	CVTRS/CIP Notes	

General Info

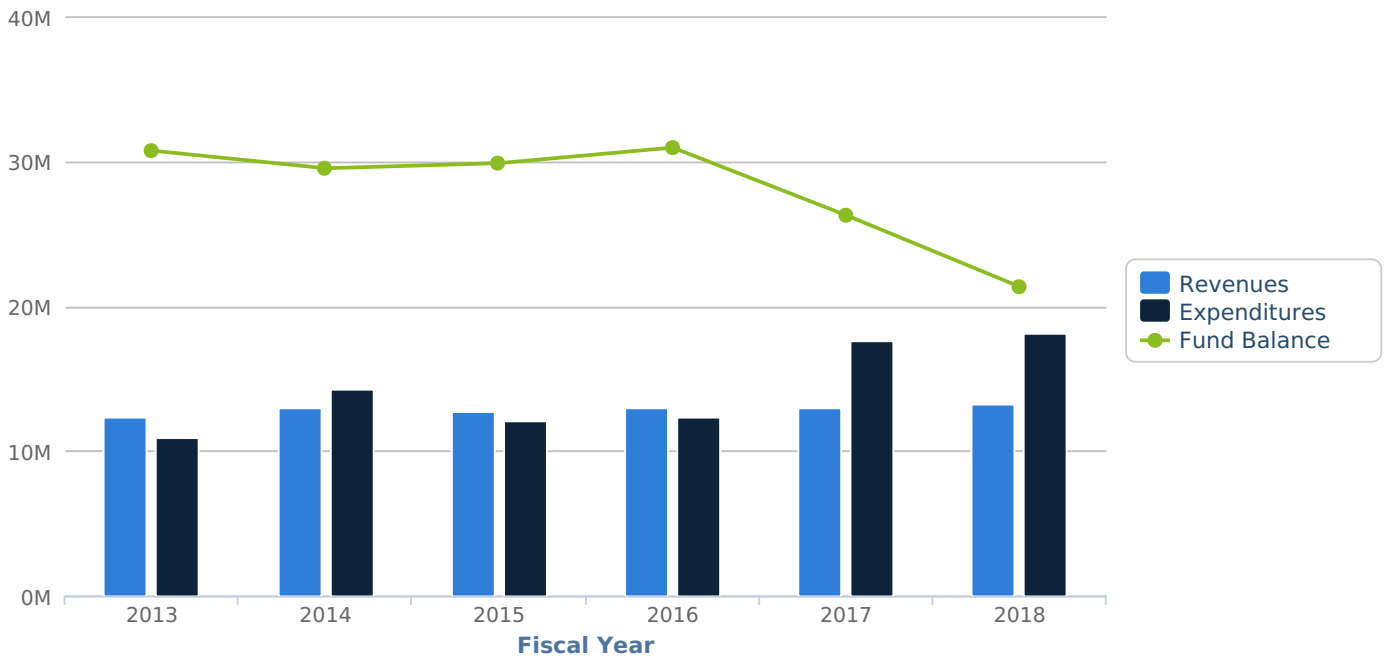
Name	Type	Fiscal Year End	Population (2010)	Phone	Website
Macomb Township	Township	June	79,674	(586) 992-0710	http://www.macomb-mi.gov/

Multi-Year General Fund Only

Year	Data Status	Fiscal Score	Population	General Fund Revenues	General Fund Expenditures	*Available Fund Balance	Taxable Value
2018	Forecast	0	104,933	\$13,258,620	\$18,198,635	\$21,318,872	\$3,194,392,833
2017	Budget	0	104,933	\$12,998,648	\$17,668,578	\$26,258,887	\$3,165,899,735
2016	Amended Budget	0	95,953	\$12,928,107	\$12,332,413	\$30,928,817	\$3,076,526,378
2015	Historic	0	86,973	\$12,736,215	\$12,111,122	\$29,856,093	\$3,090,743,168
2014	Historic	0	85,607	\$13,029,756	\$14,309,270	\$29,502,290	\$2,947,855,090
2013	Historic	0	83,705	\$12,336,111	\$10,960,795	\$30,717,670	\$2,846,212,806

*Available Fund Balance includes Committed, Assigned, and Unassigned Funds. It excludes Nonspendable and Restricted Funds.

How We Have Managed Our Resources



Fiscal Year Assumptions Notes

2018 Notes:

Revenue

- Taxable value increase of 1.5% driving a slight increase in ad valorem tax revenue.
- Anticipated slight increase in building and licenses fees.
- Anticipated increase in State Revenue Sharing.

Expenditures

- Expenditures to be consistent with prior years.
- Salary and benefits will have a slight increase in upcoming year.
- Health care costs may also have a slight increase as well.
- All other expenditures will be contained in an effort to continue to provide appropriate levels of service to our residents.

Financial Statement

Including General Fund only

Balance Sheet

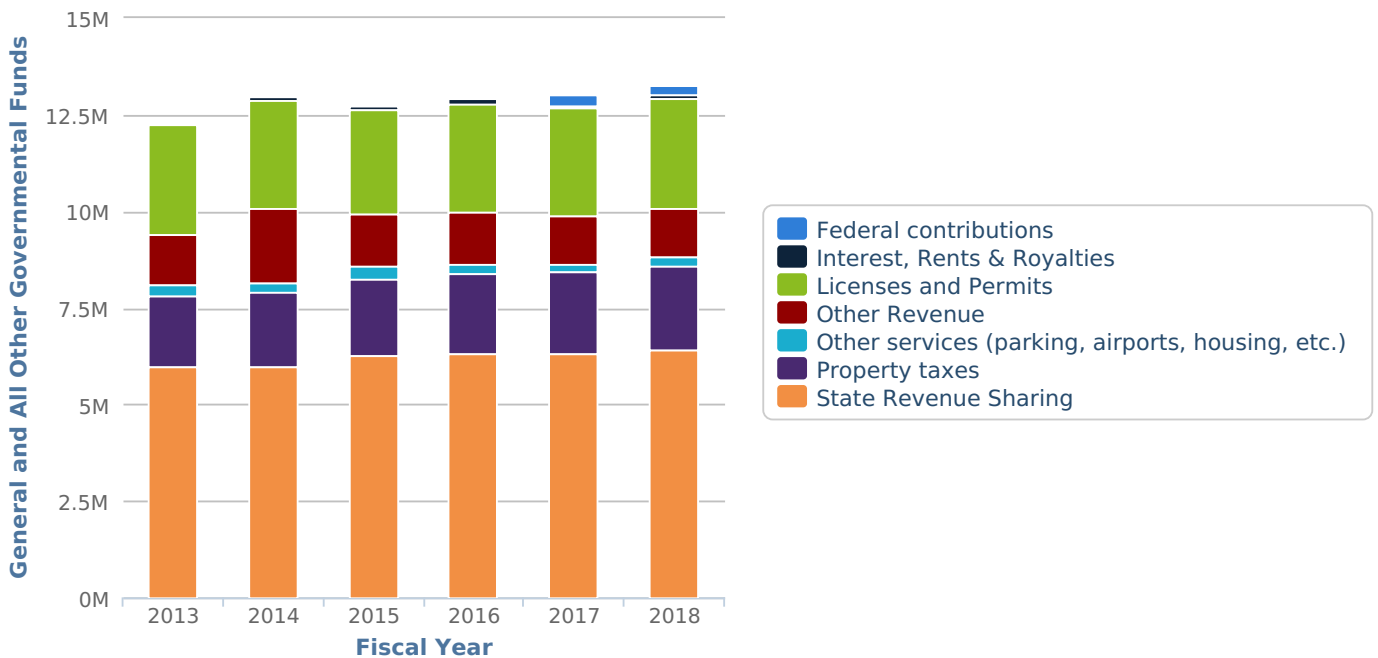
Category Name	2018	2017	2016	2015	2014	2013
Fund Equity	\$0	\$0	\$30,928,817	\$30,333,123	\$29,708,030	\$30,987,544
Total Assets	\$0	\$0	\$32,453,824	\$32,210,680	\$31,254,578	\$32,486,647
Total Liabilities	\$0	\$0	\$1,525,007	\$1,877,557	\$1,546,548	\$1,499,103

*Fund Equity includes all five fund types: Committed, Assigned, Unassigned, Nonspendable and Restricted Funds.

Revenues

Category Name	2018	2017	2016	2015	2014	2013
Federal contributions	\$255,000	\$250,000	\$18,128		\$69,736	\$32,872
Interest, Rents & Royalties	\$86,700	\$85,000	\$139,707	\$118,842	\$76,495	\$73,850
Licenses and Permits	\$2,819,790	\$2,764,500	\$2,781,663	\$2,695,686	\$2,793,449	\$2,815,967
Other Revenue	\$1,280,763	\$1,255,650	\$1,358,066	\$1,350,566	\$1,957,801	\$1,298,828
Other services (parking, airports, housing, etc.)	\$231,130	\$226,598	\$245,789	\$299,517	\$244,421	\$279,218
Property taxes	\$2,152,608	\$2,110,400	\$2,081,947	\$2,005,353	\$1,921,810	\$1,847,385
State Revenue Sharing	\$6,432,630	\$6,306,500	\$6,302,807	\$6,266,251	\$5,966,044	\$5,987,991
Total	\$13,258,621	\$12,998,648	\$12,928,107	\$12,736,215	\$13,029,756	\$12,336,111

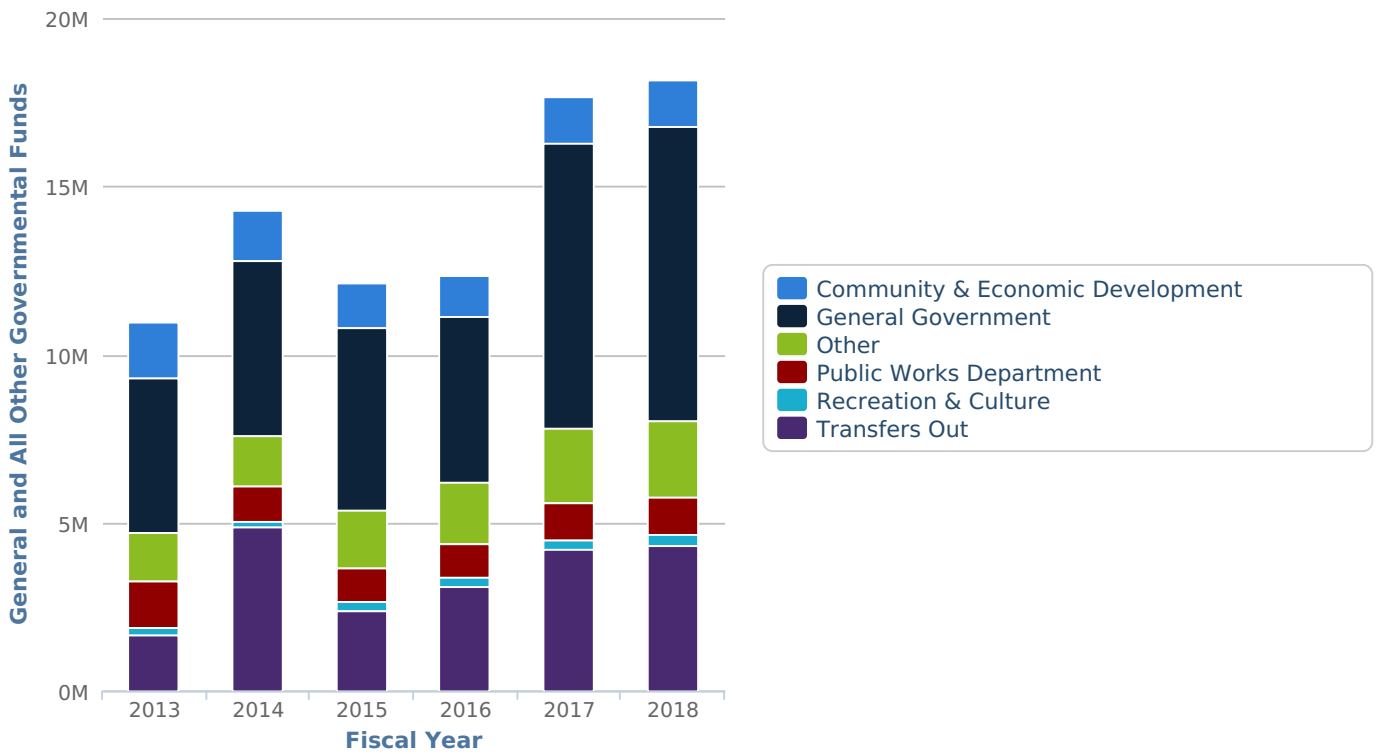
Where The Money Comes From



Expenses

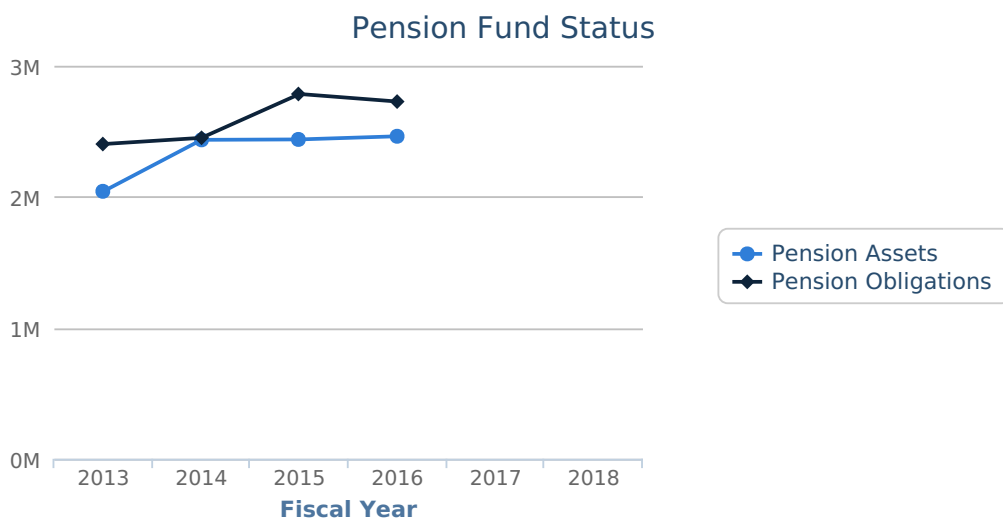
Category Name	2018	2017	2016	2015	2014	2013
Community & Economic Development	\$1,437,221	\$1,395,360	\$1,185,769	\$1,292,622	\$1,505,333	\$1,640,847
General Government	\$8,700,823	\$8,447,400	\$4,951,166	\$5,446,870	\$5,204,489	\$4,632,188
Other	\$2,276,113	\$2,209,818	\$1,795,771	\$1,742,024	\$1,509,547	\$1,401,011
Public Works Department	\$1,153,600	\$1,120,000	\$1,031,204	\$990,473	\$1,024,013	\$1,420,825
Recreation & Culture	\$322,339	\$312,950	\$275,103	\$245,958	\$184,233	\$222,399
Transfers Out	\$4,308,542	\$4,183,050	\$3,093,400	\$2,393,175	\$4,881,655	\$1,643,525
Total	\$18,198,638	\$17,668,578	\$12,332,413	\$12,111,122	\$14,309,270	\$10,960,795

How The Money Is Spent



Supplementary Information (Pension / OPEB)

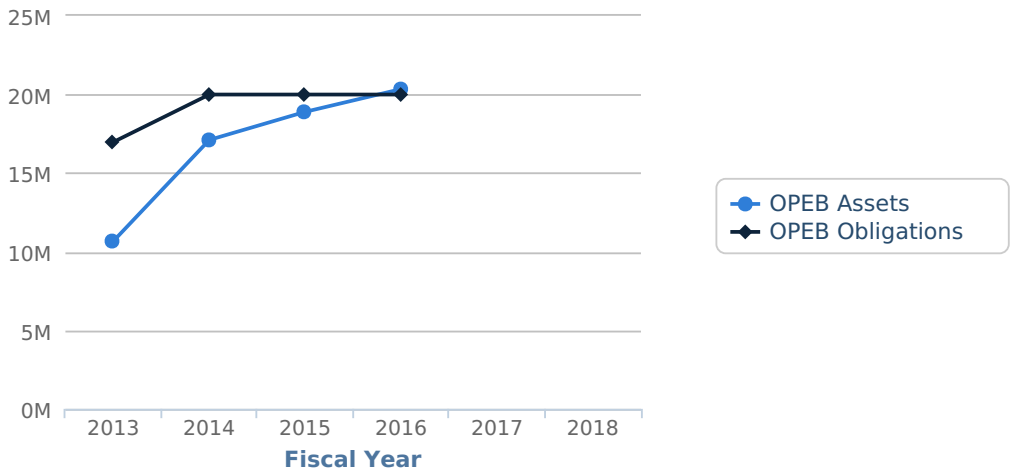
Category Name	2018	2017	2016	2015	2014	2013
Pensions Actuarial Liability	N/A	N/A	\$2,726,731	\$2,784,593	\$2,450,074	\$2,402,520
Pension Fund Assets	N/A	N/A	\$2,461,901	\$2,437,849	\$2,434,704	\$2,041,728
OPEB Actuarial Liability	N/A	N/A	\$19,993,872	\$19,993,872	\$19,993,872	\$16,974,869
OPEB Fund Assets	N/A	N/A	\$20,341,571	\$18,895,105	\$17,107,119	\$10,673,324



Pension Notes:

Macomb Township's Pension Actuarial Report is updated every year. For this presentation actual values were updated through June 30, 2015.

Other Post-Employment Benefit Fund Status



OPEB Notes:

Macomb Township's Retiree Health Care Actuarial Report is updated every three years so for this presentation the 2008 values are carried into 2009-2010, the 2011 values are carried into 2012-2013 and the 2014 values are carried into 2015-2016.

Fund Equity Detail

Category Name	2018	2017	2016	2015	2014	2013
Assigned	\$0	\$0	\$4,669,930	\$3,369,529	\$5,422,889	\$4,599,476
Nonspendable	\$0	\$0	\$468,849	\$477,030	\$205,740	\$269,874
Unassigned	\$0	\$0	\$25,790,038	\$26,486,564	\$24,079,401	\$26,118,194

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Fiscal Stability	2014	2015	Progress
Fiscal Distress Indicator Score	0	0	↔
Annual General Fund expenditures per capita	\$167	\$139	↑
Fund balance as % of General Fund Revenues i	226.4%	234.4%	↑
Other Post Employment Benefits % Funded	85.6%	94.5%	↑
Pension % Funded i	99.4%	87.5%	↓
Debt burden per capita i	\$397.2	\$364.6	↔

Economy & Financial Health	2014	2015	Progress
Population	85,607	86,973	↑
Taxable Value (100k)	\$2,947,855	\$3,090,743	↑

Economic Development	2014	2015	Progress
Residential Building Permits	454	357	↓
Residential Property Foreclosures	51	53	↓

Public Safety	2014	2015	Progress
Crimes against persons per thousand residents i	5.5	3.6	↑
Crimes against property per thousand residents i	14.6	13.2	↑
Crimes against society per thousand residents i	5.7	4.0	↑
Other crimes per thousand residents i	1.6	1.2	↑

School District Enrollment	2014	2015	Progress
Chippewa Valley Schools	16,538	16,465	↔
LAnse Creuse Public Schools	11,320	11,125	↓
New Haven Community Schools	1,294	1,287	↔
Utica Community Schools	28,710	28,314	↓

Culture & Lifestyle	2014	2015	Progress
Percent of Governmental Funds committed to arts culture and recreation	8.28%	7.06%	↓

Pension Notes:

Macomb Township's Pension Actuarial Report is updated every year. For this presentation actual values were updated through June 30, 2015.

OPEB Notes:

Macomb Township's Retiree Health Care Actuarial Report is updated every three years so for this presentation the 2008 values are carried into 2009-2010, the 2011 values are carried into 2012-2013 and the 2014 values are carried into 2015-2016.

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Macomb Township
Local Code: 50-1080
Debt Service Summary Report

Bonds & contracts payable

Fiscal Years

Name	2016	2017	2018	2019
Building Authority Bond: 2009	495,875	482,750	515,250	499,250
Building Authority Refunding Bond: 2015	1,206,048	1,169,300	1,200,650	1,150,200
Building Authority Refunding Bond: 2012	1,431,950	1,447,400	1,506,200	1,456,000
Building Authority Refunding Bond: 2011	582,450	716,450	989,650	1,051,250
Capital Improvement and Refunding Bonds: 2010	868,944	875,306	883,019	863,819
Clintondale Pump Station Improvements: 2011	289,855	302,971	308,872	314,119
Limited Tax General Obligation Refunding Bond: 2014	470,278	449,214	428,357	402,740
Macomb Interceptor Drain: 2010A	1,181,518	1,181,082	1,171,471	1,164,655
North Gratiot Interceptor: 2010	8,441	8,374	8,318	8,252
North Gratiot Interceptor: 2015	24,412	73,485	71,989	82,941
Oakland Macomb Interceptor: 2010A	112,686	113,012	112,751	112,784
Oakland Macomb Interceptor: 2013A	280,575	278,161	1,001,107	278,111
Oakland Macomb Interceptor: 2010B	37,595	37,611	37,576	37,766
Oakland Macomb Interceptor: 2014A	43,297	43,237	43,167	43,549
SRF-5624-01 MACOMB INTERCEPTOR DRAINAGE DIST: 2015A		26,287	31,479	31,657
Subtotal for Bonds & contracts payable	\$7,033,925	\$7,204,640	\$8,309,856	\$7,497,094
Total Principal & Interest	\$7,033,925	\$7,204,640	\$8,309,856	\$7,497,094

Macomb Township Complete Debt Report for Building Authority Bond: 2009

Issuance Information

Debt Type: Bonds & contracts payable
Activity Type: Government
Repayment Source: Internal Service Funds
Issuance Date: 2009-03-14
Issuance Amount: \$5,000,000
Maturing Through: 2023
Principal Maturity Range: \$300,000 - \$550,000
Series: 2009
Purpose: Macomb Corners Park - Refunding Bond

Payment Schedule

<u>Date Due</u>	<u>Principal</u>	<u>Interest</u>	<u>Payment</u>	<u>Balance</u>
2016-01-01	350,000.00	145,875.00	495,875.00	\$3,150,000.00
2017-01-01	350,000.00	132,750.00	482,750.00	\$2,800,000.00
2018-01-01	400,000.00	115,250.00	515,250.00	\$2,400,000.00
2019-01-01	400,000.00	99,250.00	499,250.00	\$2,000,000.00
2020-01-01	450,000.00	83,250.00	533,250.00	\$1,550,000.00
2021-01-01	500,000.00	65,250.00	565,250.00	\$1,050,000.00
2022-01-01	500,000.00	44,625.00	544,625.00	\$550,000.00
2023-01-01	550,000.00	23,375.00	573,375.00	
<hr/>				
Totals	\$3,500,000.00	\$709,625.00	\$4,209,625.00	

**Macomb Township
Complete Debt Report for
Building Authority Refunding Bond: 2011**

Issuance Information

Debt Type: Bonds & contracts payable
Activity Type: Government
Repayment Source: Internal Service Funds
Issuance Date: 2011-03-01
Issuance Amount: \$8,470,000
Maturing Through: 2027
Principal Maturity Range: \$275,000 - \$940,000
Series: 2011
Purpose: Debt Retirement

Payment Schedule

<u>Date Due</u>	<u>Principal</u>	<u>Interest</u>	<u>Payment</u>	<u>Balance</u>
2016-06-30	275,000.00	307,450.00	582,450.00	\$7,085,000.00
2017-06-30	420,000.00	296,450.00	716,450.00	\$6,665,000.00
2018-06-30	710,000.00	279,650.00	989,650.00	\$5,955,000.00
2019-06-30	800,000.00	251,250.00	1,051,250.00	\$5,155,000.00
2020-06-30	890,000.00	221,250.00	1,111,250.00	\$4,265,000.00
2021-06-30	940,000.00	187,875.00	1,127,875.00	\$3,325,000.00
2022-06-30	925,000.00	150,275.00	1,075,275.00	\$2,400,000.00
2023-06-30	485,000.00	110,962.50	595,962.50	\$1,915,000.00
2024-06-30	485,000.00	89,743.76	574,743.76	\$1,430,000.00
2025-06-30	480,000.00	67,918.76	547,918.76	\$950,000.00
2026-06-30	475,000.00	45,718.76	520,718.76	\$475,000.00
2027-06-30	475,000.00	23,156.26	498,156.26	
Totals	\$7,360,000.00	\$2,031,700.04	\$9,391,700.04	

**Macomb Township
Complete Debt Report for
Building Authority Refunding Bond: 2012**

Issuance Information

Debt Type: Bonds & contracts payable
Activity Type: Government
Repayment Source: Internal Service Funds
Issuance Date: 2012-06-29
Issuance Amount: \$13,390,000
Maturing Through: 2025
Principal Maturity Range: \$870,000 - \$1,640,000
Series: 2012

Payment Schedule

<u>Date Due</u>	<u>Principal</u>	<u>Interest</u>	<u>Payment</u>	<u>Balance</u>
2016-01-01	985,000.00	446,950.00	1,431,950.00	\$10,875,000.00
2017-01-01	1,030,000.00	417,400.00	1,447,400.00	\$9,845,000.00
2018-01-01	1,130,000.00	376,200.00	1,506,200.00	\$8,715,000.00
2019-01-01	1,125,000.00	331,000.00	1,456,000.00	\$7,590,000.00
2020-01-01	1,295,000.00	286,000.00	1,581,000.00	\$6,295,000.00
2021-01-01	1,495,000.00	234,200.00	1,729,200.00	\$4,800,000.00
2022-01-01	1,640,000.00	174,400.00	1,814,400.00	\$3,160,000.00
2023-01-01	1,400,000.00	108,800.00	1,508,800.00	\$1,760,000.00
2024-01-01	885,000.00	52,800.00	937,800.00	\$875,000.00
2025-01-01	875,000.00	26,250.00	901,250.00	
Totals	\$11,860,000.00	\$2,454,000.00	\$14,314,000.00	

**Macomb Township
Complete Debt Report for
Building Authority Refunding Bond: 2015**

Issuance Information

Debt Type: Bonds & contracts payable
Activity Type: Government
Repayment Source: Internal Service Funds
Issuance Date: 2015-03-19
Issuance Amount: \$6,805,000
Maturing Through: 2022
Principal Maturity Range: \$950,000 - \$1,015,000
Series: 2015

Payment Schedule

<u>Date Due</u>	<u>Interest Rate</u>	<u>Principal</u>	<u>Interest</u>	<u>Payment</u>	<u>Balance</u>
2015-10-01	3%		129,573.33	129,573.33	\$6,805,000.00
2016-04-01	3%	955,000.00	121,475.00	1,076,475.00	\$5,850,000.00
2016-10-01	3%		107,150.00	107,150.00	\$5,850,000.00
2017-04-01	3%	955,000.00	107,150.00	1,062,150.00	\$4,895,000.00
2017-10-01	3%		92,825.00	92,825.00	\$4,895,000.00
2018-04-01	3%	1,015,000.00	92,825.00	1,107,825.00	\$3,880,000.00
2018-10-01	4%		77,600.00	77,600.00	\$3,880,000.00
2019-04-01	4%	995,000.00	77,600.00	1,072,600.00	\$2,885,000.00
2019-10-01	4%		57,700.00	57,700.00	\$2,885,000.00
2020-04-01	4%	975,000.00	57,700.00	1,032,700.00	\$1,910,000.00
2020-10-01	4%		38,200.00	38,200.00	\$1,910,000.00
2021-04-01	4%	960,000.00	38,200.00	998,200.00	\$950,000.00
2021-10-01	4%		19,000.00	19,000.00	\$950,000.00
2022-04-01	4%	950,000.00	19,000.00	969,000.00	
Totals		\$6,805,000.00	\$1,035,998.33	\$7,840,998.33	

**Macomb Township
Complete Debt Report for
Capital Improvement and Refunding Bonds: 2010**

Issuance Information

Debt Type: Bonds & contracts payable
Activity Type: Business-type/Enterprise
Repayment Source: Revenue - Water
Issuance Date: 2010-12-01
Issuance Amount: \$9,805,000
Maturing Through: 2031
Principal Maturity Range: \$280,000 - \$695,000
Series: 2010
Purpose: Water & Sewer

Payment Schedule

<u>Date Due</u>	<u>Principal</u>	<u>Interest</u>	<u>Payment</u>	<u>Balance</u>
2016-01-01	595,000.00	273,944.00	868,944.00	\$6,950,000.00
2017-01-01	615,000.00	260,306.00	875,306.00	\$6,335,000.00
2018-01-01	640,000.00	243,019.00	883,019.00	\$5,695,000.00
2019-01-01	640,000.00	223,819.00	863,819.00	\$5,055,000.00
2020-01-01	665,000.00	202,581.00	867,581.00	\$4,390,000.00
2021-01-01	695,000.00	178,347.00	873,347.00	\$3,695,000.00
2022-01-01	695,000.00	152,719.00	847,719.00	\$3,000,000.00
2023-01-01	280,000.00	134,088.00	414,088.00	\$2,720,000.00
2024-01-01	290,000.00	122,688.00	412,688.00	\$2,430,000.00
2025-01-01	300,000.00	110,513.00	410,513.00	\$2,130,000.00
2026-01-01	315,000.00	97,444.00	412,444.00	\$1,815,000.00
2027-01-01	330,000.00	82,500.00	412,500.00	\$1,485,000.00
2028-01-01	345,000.00	65,625.00	410,625.00	\$1,140,000.00
2029-01-01	360,000.00	48,000.00	408,000.00	\$780,000.00
2030-01-01	380,000.00	29,500.00	409,500.00	\$400,000.00
2031-01-01	400,000.00	10,000.00	410,000.00	
<hr/>				
Totals	\$7,545,000.00	\$2,235,093.00	\$9,780,093.00	

**Macomb Township
Complete Debt Report for
Clintondale Pump Station Improvements: 2011**

Issuance Information

Debt Type: Bonds & contracts payable
Activity Type: Business-type/Enterprise
Repayment Source: Revenue - Sewer
Issuance Date: 2011-10-18
Issuance Amount: \$4,039,605
Maturing Through: 2031
Principal Maturity Range: \$118,040 - \$327,890
Series: 2011

Payment Schedule

<u>Date Due</u>	<u>Principal</u>	<u>Interest</u>	<u>Payment</u>	<u>Balance</u>
2016-01-01	131,156.00	158,699.00	289,855.00	\$3,482,192.00
2017-01-01	144,272.00	158,699.00	302,971.00	\$3,337,920.00
2018-01-01	157,387.00	151,485.00	308,872.00	\$3,180,533.00
2019-01-01	170,503.00	143,616.00	314,119.00	\$3,010,030.00
2020-01-01	183,618.00	135,091.00	318,709.00	\$2,826,412.00
2021-01-01	196,734.00	62,955.00	259,689.00	\$2,629,678.00
2022-01-01	209,850.00	116,073.00	325,923.00	\$2,419,828.00
2023-01-01	216,407.00	105,581.00	321,988.00	\$2,203,421.00
2024-01-01	229,523.00	94,760.00	324,283.00	\$1,973,898.00
2025-01-01	242,639.00	83,284.00	325,923.00	\$1,731,259.00
2026-01-01	255,754.00	71,152.00	326,906.00	\$1,475,505.00
2027-01-01	262,312.00	58,364.00	320,676.00	\$1,213,193.00
2028-01-01	281,985.00	48,528.00	330,513.00	\$931,208.00
2029-01-01	295,101.00	37,248.00	332,349.00	\$636,107.00
2030-01-01	308,217.00	25,444.00	333,661.00	\$327,890.00
2031-01-01	327,890.00	13,116.00	341,006.00	\$0.00
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Totals	\$3,613,348.00	\$1,464,095.00	\$5,077,443.00	

**Macomb Township
Complete Debt Report for
Limited Tax General Obligation Refunding Bond: 2014**

Issuance Information

Debt Type: Bonds & contracts payable
Activity Type: Business-type/Enterprise
Repayment Source: Revenue - Water
Issuance Date: 2014-05-28
Issuance Amount: \$2,085,000
Maturing Through: 2019
Principal Maturity Range: \$380,000 - \$450,000
Series: 2014

Payment Schedule

<u>Date Due</u>	<u>Principal</u>	<u>Interest</u>	<u>Payment</u>	<u>Balance</u>
2016-01-01	450,000.00	20,278.00	470,278.00	\$1,255,000.00
2017-01-01	435,000.00	14,214.00	449,214.00	\$820,000.00
2018-01-01	420,000.00	8,357.00	428,357.00	\$400,000.00
2019-01-01	400,000.00	2,740.00	402,740.00	
Totals	\$1,705,000.00	\$45,589.00	\$1,750,589.00	

**Macomb Township
Complete Debt Report for
Macomb Interceptor Drain: 2010A**

Issuance Information

Debt Type: Bonds & contracts payable
Activity Type: Business-type/Enterprise
Repayment Source: Revenue - Water
Issuance Date: 2010-08-30
Issuance Amount: \$15,808,421
Maturing Through: 2035
Principal Maturity Range: \$510,856 - \$930,782
Series: 2010A
Purpose: Water & Sewer

Payment Schedule

<u>Date Due</u>	<u>Principal</u>	<u>Interest</u>	<u>Payment</u>	<u>Balance</u>
2016-01-01	519,122.00	662,396.00	1,181,518.00	\$13,282,247.00
2017-01-01	529,868.00	651,214.00	1,181,082.00	\$12,752,379.00
2018-01-01	541,441.00	630,030.00	1,171,471.00	\$12,210,938.00
2019-01-01	553,840.00	610,815.00	1,164,655.00	\$11,657,098.00
2020-01-01	567,893.00	589,484.00	1,157,377.00	\$11,089,205.00
2021-01-01	583,599.00	565,883.00	1,149,482.00	\$10,505,606.00
2022-01-01	600,131.00	540,595.00	1,140,726.00	\$9,905,475.00
2023-01-01	618,317.00	513,377.00	1,131,694.00	\$9,287,158.00
2024-01-01	637,330.00	484,467.00	1,121,797.00	\$8,649,828.00
2025-01-01	657,995.00	453,701.00	1,111,696.00	\$7,991,833.00
2026-01-01	679,488.00	420,511.00	1,099,999.00	\$7,312,345.00
2027-01-01	702,633.00	384,865.00	1,087,498.00	\$6,609,712.00
2028-01-01	727,432.00	348,359.00	1,075,791.00	\$5,882,280.00
2029-01-01	753,884.00	307,321.00	1,061,205.00	\$5,128,396.00
2030-01-01	781,989.00	265,465.00	1,047,454.00	\$4,346,407.00
2031-01-01	810,095.00	222,040.00	1,032,135.00	\$3,536,312.00
2032-01-01	838,200.00	178,354.00	1,016,554.00	\$2,698,112.00
2033-01-01	867,959.00	132,894.00	1,000,853.00	\$1,830,153.00
2034-01-01	899,371.00	85,810.00	985,181.00	\$930,782.00
2035-01-01	930,782.00	23,545.00	954,327.00	\$0.00
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Totals	\$13,801,369.00	\$8,071,126.00	\$21,872,495.00	

Macomb Township Complete Debt Report for North Gratiot Interceptor: 2010

Issuance Information

Debt Type: Bonds & contracts payable
Activity Type: Business-type/Enterprise
Repayment Source: Revenue - Sewer
Issuance Date: 2010-05-11
Issuance Amount: \$103,530
Maturing Through: 2035
Principal Maturity Range: \$3,265 - \$5,950
Series: 2010
Purpose: Water & Sewer

Payment Schedule

<u>Date Due</u>	<u>Principal</u>	<u>Interest</u>	<u>Payment</u>	<u>Balance</u>
2016-01-01	3,326.00	5,115.00	8,441.00	\$85,373.00
2017-01-01	3,387.00	4,987.00	8,374.00	\$81,986.00
2018-01-01	3,478.00	4,840.00	8,318.00	\$78,508.00
2019-01-01	3,570.00	4,682.00	8,252.00	\$74,938.00
2020-01-01	3,662.00	4,509.00	8,171.00	\$71,276.00
2021-01-01	3,753.00	4,325.00	8,078.00	\$67,523.00
2022-01-01	3,875.00	4,119.00	7,994.00	\$63,648.00
2023-01-01	3,997.00	3,906.00	7,903.00	\$59,651.00
2024-01-01	4,119.00	3,686.00	7,805.00	\$55,532.00
2025-01-01	4,241.00	3,447.00	7,688.00	\$51,291.00
2026-01-01	4,394.00	3,201.00	7,595.00	\$46,897.00
2027-01-01	4,546.00	2,935.00	7,481.00	\$42,351.00
2028-01-01	4,699.00	2,660.00	7,359.00	\$37,652.00
2029-01-01	4,852.00	2,371.00	7,223.00	\$32,800.00
2030-01-01	5,004.00	2,073.00	7,077.00	\$27,796.00
2031-01-01	5,187.00	1,765.00	6,952.00	\$22,609.00
2032-01-01	5,370.00	1,436.00	6,806.00	\$17,239.00
2033-01-01	5,553.00	1,095.00	6,648.00	\$11,686.00
2034-01-01	5,736.00	742.00	6,478.00	\$5,950.00
2035-01-01	5,950.00	378.00	6,328.00	
Totals	\$88,699.00	\$62,272.00	\$150,971.00	

Macomb Township Complete Debt Report for North Gratiot Interceptor: 2015

Issuance Information

Debt Type:	Bonds & contracts payable
Activity Type:	Business-type/Enterprise
Repayment Source:	Revenue - Sewer
Issuance Date:	2015-08-06
Issuance Amount:	\$846,752
Maturing Through:	2033
Principal Maturity Range:	\$34,886 - \$483,543
Series:	2015

Payment Schedule

<u>Date Due</u>	<u>Principal</u>	<u>Interest</u>	<u>Payment</u>	<u>Balance</u>
2016-01-01		24,412.30	24,412.30	\$846,751.54
2017-01-01	34,886.76	38,597.84	73,484.60	\$811,864.78
2018-01-01	35,135.95	36,853.50	71,989.45	\$776,728.83
2019-01-01	47,844.70	35,096.71	82,941.41	\$728,884.13
2020-01-01	48,343.08	32,704.47	81,047.55	\$680,541.05
2021-01-01	48,592.27	30,287.32	78,879.59	\$631,948.78
2022-01-01	48,592.27	27,857.70	76,449.97	\$583,356.51
2023-01-01	48,343.08	25,428.09	73,771.17	\$535,013.43
2024-01-01	483,543.08	23,010.93	506,554.01	\$486,670.35
2025-01-01	48,343.09	20,593.78	68,936.87	\$438,327.27
2026-01-01	53,576.10	18,176.63	71,752.73	\$384,751.17
2027-01-01	53,576.10	15,497.82	69,073.92	\$331,175.07
2028-01-01	53,825.29	12,819.02	66,644.31	\$277,349.78
2029-01-01	53,825.29	10,127.75	63,953.04	\$223,524.49
2030-01-01	53,077.72	8,243.87	61,321.59	\$170,446.77
2031-01-01	57,563.16	6,319.80	63,882.96	\$112,883.61
2032-01-01	56,815.58	4,233.13	61,048.71	\$56,068.03
2033-01-01	56,068.01	2,102.55	58,170.56	\$0.00
Totals	\$1,281,951.53	\$372,363.21	\$1,654,314.74	

**Macomb Township
Complete Debt Report for
Oakland Macomb Interceptor: 2010B**

Issuance Information

Debt Type: Bonds & contracts payable
Activity Type: Business-type/Enterprise
Repayment Source: Revenue - Water
Issuance Date: 2011-12-16
Issuance Amount: \$452,554
Maturing Through: 2030
Principal Maturity Range: \$16,886 - \$35,124
Series: 2010B
Purpose: Water & Sewer

Payment Schedule

<u>Date Due</u>	<u>Principal</u>	<u>Interest</u>	<u>Payment</u>	<u>Balance</u>
2016-01-01	17,562.00	20,033.00	37,595.00	\$358,328.00
2017-01-01	18,237.00	19,374.00	37,611.00	\$340,091.00
2018-01-01	18,913.00	18,663.00	37,576.00	\$321,178.00
2019-01-01	19,926.00	17,840.00	37,766.00	\$301,252.00
2020-01-01	20,939.00	16,904.00	37,843.00	\$280,313.00
2021-01-01	21,952.00	15,878.00	37,830.00	\$258,361.00
2022-01-01	22,965.00	14,758.00	37,723.00	\$235,396.00
2023-01-01	24,316.00	13,553.00	37,869.00	\$211,080.00
2024-01-01	25,667.00	12,227.00	37,894.00	\$185,413.00
2025-01-01	27,018.00	10,829.00	37,847.00	\$158,395.00
2026-01-01	28,369.00	9,289.00	37,658.00	\$130,026.00
2027-01-01	30,058.00	7,671.00	37,729.00	\$99,968.00
2028-01-01	31,409.00	5,895.00	37,304.00	\$68,559.00
2029-01-01	33,435.00	4,045.00	37,480.00	\$35,124.00
2030-01-01	35,124.00	2,072.00	37,196.00	

Totals	\$375,890.00	\$189,031.00	\$564,921.00	
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**Macomb Township
Complete Debt Report for
Oakland Macomb Interceptor: 2013A**

Issuance Information

Debt Type: Bonds & contracts payable
Activity Type: Business-type/Enterprise
Repayment Source: Revenue - Sewer
Issuance Date: 2013-06-25
Issuance Amount: \$4,619,982
Maturing Through: 2035
Principal Maturity Range: \$190,076 - \$276,958
Series: 2013A
Purpose: Water & Sewer

Payment Schedule

<u>Date Due</u>	<u>Principal</u>	<u>Interest</u>	<u>Payment</u>	<u>Balance</u>
2016-01-01	190,076.00	90,499.00	280,575.00	\$4,429,905.00
2017-01-01	193,977.00	84,184.00	278,161.00	\$4,235,928.00
2018-01-01	197,878.00	803,229.00	1,001,107.00	\$4,038,050.00
2019-01-01	201,778.00	76,333.00	278,111.00	\$3,836,272.00
2020-01-01	205,679.00	72,258.00	277,937.00	\$3,630,593.00
2021-01-01	209,935.00	68,102.00	278,037.00	\$3,420,658.00
2022-01-01	214,190.00	63,861.00	278,051.00	\$3,206,468.00
2023-01-01	218,446.00	59,534.00	277,980.00	\$2,988,022.00
2024-01-01	222,701.00	55,123.00	277,824.00	\$2,765,321.00
2025-01-01	227,311.00	50,623.00	277,934.00	\$2,538,010.00
2026-01-01	231,566.00	46,034.00	277,600.00	\$2,306,444.00
2027-01-01	236,531.00	41,353.00	277,884.00	\$2,069,913.00
2028-01-01	241,141.00	36,576.00	277,717.00	\$1,828,772.00
2029-01-01	246,106.00	31,704.00	277,810.00	\$1,582,666.00
2030-01-01	250,716.00	26,736.00	277,452.00	\$1,331,950.00
2031-01-01	256,035.00	21,668.00	277,703.00	\$1,075,915.00
2032-01-01	261,000.00	16,498.00	277,498.00	\$814,915.00
2033-01-01	266,319.00	11,224.00	277,543.00	\$548,596.00
2034-01-01	271,638.00	5,845.00	277,483.00	\$276,958.00
2035-01-01	276,958.00	1,564.00	278,522.00	\$0.00
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Totals	\$4,619,981.00	\$1,662,948.00	\$6,282,929.00	

**Macomb Township
Complete Debt Report for
Oakland Macomb Interceptor: 2010A**

Issuance Information

Debt Type: Bonds & contracts payable
Activity Type: Business-type/Enterprise
Repayment Source: Revenue - Sewer
Issuance Date: 2015-01-01
Issuance Amount: \$1,750,840
Maturing Through: 2031
Principal Maturity Range: \$73,962 - \$110,437
Series: 2010A

Payment Schedule

<u>Date Due</u>	<u>Principal</u>	<u>Interest</u>	<u>Payment</u>	<u>Balance</u>
2016-01-01	75,989.00	36,697.00	112,686.00	\$1,399,879.00
2017-01-01	78,015.00	34,997.00	113,012.00	\$1,321,864.00
2018-01-01	79,704.00	33,047.00	112,751.00	\$1,242,160.00
2019-01-01	81,730.00	31,054.00	112,784.00	\$1,160,430.00
2020-01-01	84,094.00	29,011.00	113,105.00	\$1,076,336.00
2021-01-01	86,120.00	26,908.00	113,028.00	\$990,216.00
2022-01-01	88,147.00	24,755.00	112,902.00	\$902,069.00
2023-01-01	90,511.00	22,552.00	113,063.00	\$811,558.00
2024-01-01	92,875.00	20,289.00	113,164.00	\$718,683.00
2025-01-01	95,239.00	17,967.00	113,206.00	\$623,444.00
2026-01-01	97,603.00	15,586.00	113,189.00	\$525,841.00
2027-01-01	99,967.00	13,146.00	113,113.00	\$425,874.00
2028-01-01	102,669.00	10,647.00	113,316.00	\$323,205.00
2029-01-01	105,033.00	8,080.00	113,113.00	\$218,172.00
2030-01-01	107,735.00	5,454.00	113,189.00	\$110,437.00
2031-01-01	110,437.00	2,761.00	113,198.00	

Totals	\$1,475,868.00	\$332,951.00	\$1,808,819.00	
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**Macomb Township
Complete Debt Report for
Oakland Macomb Interceptor: 2014A**

Issuance Information

Debt Type: Bonds & contracts payable
Activity Type: Business-type/Enterprise
Repayment Source: Revenue - Sewer
Issuance Date: 2014-10-01
Issuance Amount: \$675,494
Maturing Through: 2034
Principal Maturity Range: \$26,142 - \$44,348
Series: 2014A
Purpose: Water and Sewer

Payment Schedule

Date Due	Interest Rate	Principal	Interest	Payment	Balance
2015-10-01	2%	26,142.13	8,708.30	34,850.43	\$649,351.76
2016-04-01	2%		8,446.88	8,446.88	\$649,351.76
2016-10-01	2%	26,608.95	8,446.88	35,055.83	\$622,742.81
2017-04-01	2%		8,180.79	8,180.79	\$622,742.81
2017-10-01	2%	27,075.77	8,180.79	35,256.56	\$595,667.04
2018-04-01	2%		7,910.04	7,910.04	\$595,667.04
2018-10-01	2%	28,009.42	7,910.04	35,919.46	\$567,657.62
2019-04-01	2%		7,629.94	7,629.94	\$567,657.62
2019-10-01	2%	28,476.25	7,629.94	36,106.19	\$539,181.37
2020-04-01	2%		7,345.18	7,345.18	\$539,181.37
2020-10-01	2%	29,409.89	7,345.18	36,755.07	\$509,771.48
2021-04-01	2%		7,051.08	7,051.08	\$509,771.48
2021-10-01	2%	29,876.72	7,051.08	36,927.80	\$479,894.76
2022-04-01	2%		6,752.31	6,752.31	\$479,894.76
2022-10-01	2%	30,810.36	6,752.31	37,562.67	\$449,084.40
2023-04-01	2%		6,444.21	6,444.21	\$449,084.40
2023-10-01	2%	31,744.01	6,444.21	38,188.22	\$417,340.39
2024-04-01	2%		6,126.77	6,126.77	\$417,340.39
2024-10-01	2%	32,210.84	6,126.77	38,337.61	\$385,129.55
2025-04-01	3%		5,804.66	5,804.66	\$385,129.55
2025-10-01	3%	33,144.48	5,804.66	38,949.14	\$351,985.07
2026-04-01	3%		5,307.49	5,307.49	\$351,985.07

2026-10-01	3%	34,544.95	5,307.49	39,852.44	\$317,440.12
2027-04-01	3%		4,789.32	4,789.32	\$317,440.12
2027-10-01	3%	35,478.60	4,789.32	40,267.92	\$281,961.52
2028-04-01	3%		4,257.14	4,257.14	\$281,961.52
2028-10-01	3%	36,412.25	4,257.14	40,669.39	\$245,549.27
2029-04-01	3%		3,710.96	3,710.96	\$245,549.27
2029-10-01	3%	37,812.72	3,710.96	41,523.68	\$207,736.55
2030-04-01	3%		3,143.77	3,143.77	\$207,736.55
2030-10-01	3%	38,746.37	3,143.77	41,890.14	\$168,990.18
2031-04-01	3%		2,562.57	2,562.57	\$168,990.18
2031-10-01	3%	40,146.84	2,562.57	42,709.41	\$128,843.34
2032-04-01	3%		1,960.37	1,960.37	\$128,843.34
2032-10-01	3%	41,547.31	1,960.37	43,507.68	\$87,296.03
2033-04-01	3%		1,337.16	1,337.16	\$87,296.03
2033-10-01	3%	42,947.78	1,337.16	44,284.94	\$44,348.25
2034-04-01	3.125%		692.94	692.94	\$44,348.25
2034-10-01	3.125%	44,348.25	692.94	45,041.19	

Totals		\$675,493.89	\$207,615.46	\$883,109.35	
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Macomb Township
Complete Debt Report for
SRF-5624-01 MACOMB INTERCEPTOR DRAINAGE DIST: 2015A

Issuance Information

Debt Type: Bonds & contracts payable
Activity Type: Business-type/Enterprise
Repayment Source: Revenue - Sewer
Issuance Date: 2015-10-01
Issuance Amount: \$499,851
Maturing Through: 2036
Principal Maturity Range: \$19,722 - \$31,283
Series: 2015A

Payment Schedule

<u>Date Due</u>	<u>Principal</u>	<u>Interest</u>	<u>Payment</u>	<u>Balance</u>
2017-01-01	19,722.03	6,565.37	26,287.40	\$480,129.42
2018-01-01	19,722.03	11,756.71	31,478.74	\$460,407.39
2019-01-01	20,402.10	11,255.16	31,657.26	\$440,005.29
2020-01-01	21,082.17	10,736.61	31,818.78	\$418,923.12
2021-01-01	21,762.24	10,201.05	31,963.29	\$397,160.88
2022-01-01	21,762.24	9,656.99	31,419.23	\$375,398.64
2023-01-01	22,442.31	9,104.44	31,546.75	\$352,956.33
2024-01-01	23,122.38	8,534.88	31,657.26	\$329,833.95
2025-01-01	23,802.45	7,948.32	31,750.77	\$306,031.50
2026-01-01	24,482.52	7,344.76	31,827.28	\$281,548.98
2027-01-01	25,162.59	6,724.19	31,886.78	\$256,386.39
2028-01-01	25,842.66	6,086.63	31,929.29	\$230,543.73
2029-01-01	26,522.73	5,432.06	31,954.79	\$204,021.00
2030-01-01	27,202.80	4,760.49	31,963.29	\$176,818.20
2031-01-01	27,202.80	4,080.42	31,283.22	\$149,615.40
2032-01-01	28,562.94	3,383.35	31,946.29	\$121,052.46
2033-01-01	29,243.01	2,660.77	31,903.78	\$91,809.45
2034-01-01	29,923.08	1,921.20	31,844.28	\$61,886.37
2035-01-01	30,603.15	1,164.62	31,767.77	\$31,283.22
2036-01-01	31,283.22	391.04	31,674.26	\$0.00
Totals	\$499,851.45	\$129,709.06	\$629,560.51	

