

Coleman A. Young Municipal Center 2 Woodward Avenue, Suite 1100 Detroit, MI 48226

Phone: (313) 628-2535 Fax: (313) 224-2135

E-Mail: OCFO@detroitmi.gov

May 14, 2020

The Honorable Detroit City Council Coleman A. Young Municipal Center 2 Woodward Avenue Detroit, MI 48226

Re: Quarterly Financial Report for the Three Quarters ended March 31, 2020

Dear Honorable City Council Members:

The Office of the Chief Financial Officer (OCFO) respectfully submits its quarterly City of Detroit Financial Report for the Three Quarters ended March 31, 2020. The OCFO also publishes this report on the City's website.

The OCFO is pleased to brief the City Council on the City's finances and respectfully requests to do so at one of the upcoming regularly scheduled Budget, Finance and Audit (BFA) Standing Committee meetings. The OCFO will also meet with the Legislative Policy Division prior to the BFA Committee meeting to further invite discussion on the report.

Best regards,

David P. Massaron
Chief Financial Officer

Att: City of Detroit Quarterly Financial Report for the Three Quarters ended March 31, 2020

Cc: Mayor Michael E. Duggan, City of Detroit
Hakim Berry, Chief Operating Officer
Katie Hammer, Chief Deputy CFO/Policy & Administration Director
John Naglick, Chief Deputy CFO/Finance Director
Christa McLellan, Deputy CFO/Treasurer

Tanya Stoudemire, Deputy CFO/Budget Director

Avery Peeples, City Council Liaison



Q3 FY 2020 Financial Report

For the 3 Quarters ended March 31, 2020

Office of the Chief Financial Officer



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Property Tax Report

City of Detroit Property Tax Report for the Three Quarters ended March 31, 2020 (unaudited)

\$ in millions FY 2020 (Tax Year 2019) FY 2019 (Tax Year 2018)

Property Class	Adjusted Tax Class Roll ⁽¹⁾			ollections ⁽¹⁾	Collection Rate	Adjusted Tax Roll ⁽¹⁾	(Collections ⁽¹⁾	Collection Rate
Commercial	\$	93.8	\$	86.4	92.1%	\$ 84.0	\$	77.1	91.8%
Industrial		20.8		19.5	93.8%	21.3		20.1	94.6%
Residential		76.8		52.0	67.7%	68.4		45.7	66.8%
Utility		18.5		18.5	100.0%	15.6		15.6	100.0%
Total	\$	209.8	\$	176.3	84.0%	\$ 189.3	\$	158.6	83.7%

¹ Gross collection amounts and include operating, debt service and library levies.



Investment Portfolio Summary (Q3 FY 2020)

Common Cash	Par Value	Market Value	Book Value	% of Portfolio	Term	Days to Maturity
Certificates of Deposit	50,642,739.60	50,642,739.60	50,642,739.60	17.00%	366	179
Demand Deposit	208,236.32	208,236.32	208,236.32	0.00%	1	1
LGIP	26,899,229.16	26,899,229.16	26,899,229.16	9.00%	1	1
Municipal Money Market	213,584,504.74	213,584,504.74	213,584,504.74	73.00%	1	1
	\$291,334,709.82	\$291,334,709.82	\$291,334,709.82	100.00%	64	32
Total Earnings	\$6,017,634.26					
Effective Rate of Return	2.53%					
Self Insurance Escrow	Par Value	Market Value	Book Value	% of Portfolio	Term	Days to Maturity
Trustee Money Markets	19,103,299.34	19,103,299.34	19,103,299.34	100.00%	1	1
	\$19,103,299.34	\$19,103,299.34	\$19,103,299.34	100.00%	1	1
Total Earnings	\$254,034.48					
Effective Rate of Return	1.78%					
Debt Service	Par Value	Market Value	Book Value	% of Portfolio	Term	Days to Maturity
Trustee Money Markets	82,324,927.67	82,324,927.67	82,324,927.67	100.00%	1	1
	\$82,324,927.67	\$82,324,927.67	\$82,324,927.67	100.00%	1	1
Total Earnings	\$1,167,611.35	, , , , , , , , , , , , , , , , , , ,	V - /- /-			
Effective Rate of Return	1.60%					
Ellective Rate of Return	1.00%					
Bond Proceeds	Par Value	Market Value	Book Value	% of Portfolio	Term	Days to Maturity
LGIP	78,419,885.06	78,419,885.06	78,419,885.06	38.00%	1	1
Trustee Money Markets	129,301,479.05	129,301,479.05	129,301,479.05	62.00%	1	1
	\$207,721,364.11	\$207,721,364.11	\$207,721,364.11	100.00%	1	1
Total Earnings	\$2,910,891.51					
Effective Rate of Return	1.77%					
DPW	Par Value	Market Value	Book Value	% of Portfolio	Term	Days to Maturity
LGIP	34,307,355.78	34,307,355.78	34,307,355.78	100.00%	1	1
	\$34,307,355.78	\$34,307,355.78	\$34,307,355.78	100.00%	1	1
Total Earnings	\$307,355.78					
Effective Rate of Return	1.77%					
Reserve	Par Value	Market Value	Book Value	% of Portfolio	Term	Days to Maturity
Certificates of Deposit	62,143,150.68	62,308,450.68	62,143,150.68	53.00%	779	654
Federal Agency Securities	39,995,000.00	40,119,727.50	39,993,283.61	34.00%	1084	219
Trustee Money Markets	15,407,725.75	15,407,725.75	15,407,725.75	13.00%	1	1
	\$117,545,876.43	\$117,835,903.93	\$117,544,160.04	100.00%	781	420
Total Earnings	\$1,582,767.99					
Effective Rate of Return	2.23%					
Retiree Protection Trust	Par Value	Market Value	Book Value	% of Portfolio	Term	Days to Maturity
Trustee Money Markets	178,063,959.00	178,063,959.00	178,063,959.00	100.00%	1	1
	\$178,063,959.00	\$178,063,959.00	\$178,063,959.00	100.00%	1	1
Total Earnings	\$3,523,633.00					
Effective Rate of Return	2.04%					



Pension Payments

City of Detroit

Pension Payments Report for the Three Quarters ended March 31, 2020 (unaudited)

					•	YTC	FY2020 Paym	en	ts by Source				
												Detroit	
				De	etroit Water	(Great Lakes				Ins	titute of Arts	
				an	nd Sewerage		Water	D	etroit Public	СОВО		and	
YTD Payments to Plan/Fund	Ci	ty of Detroit			Department		Authority		Library	 Authority	F	oundations	Total
PFRS Hybrid Plan (Component I) ¹	\$	13,690,513	[1]	\$	-	\$	-	\$	-	\$ -	\$	-	\$ 13,690,513
PFRS Legacy Plan (Component II) ²	\$	-		\$	-	\$	-	\$	-	\$ -	\$	-	-
GRS Hybrid Plan (Component I) ¹	\$	8,383,729	[1]	\$	1,171,645 [1]	\$	-	\$	265,900 [1]	\$ 10,124	\$	-	9,831,398
GRS Legacy Plan (Component II) ²	\$	-		\$	-	\$	-	\$	304,500	\$ -	\$	-	304,500
RPF (IRC Section 115 Trust) ³	\$	45,000,000		\$	-	\$	-	\$	-	\$ -	\$	-	45,000,000
Total	\$	67,074,242		\$	1,171,645	\$	-	\$	570,400	\$ 10,124	\$	-	\$ 68,826,410

Acronyms:

PFRS: Police and Fire Retirement System

GRS: General Retirement System RPF: Retiree Protection Fund

NOTES:

[1] Invoices were adjusted to reflect prior year adjustments



Debt Service

City of Detroit

Debt Service Report for the Three Quarters ended March 31, 2020

(unaudited)

					<u> </u>	FY 2020			
Debt Obligation	# of Series	Principal Outstanding (as of 3/31/2	-	Annual Debt Service	Δm	ount Paid	Balance Due	At Trustee (as of 3/31/20)	Required Set-Aside (as of 3/31/20)
UTGO Bonds	1	\$ 135,000.		\$ 17,972,500	\$	5,437,500	\$ 12,535,000	\$ 14,440,166	\$ -
LTGO DSA First Lien Bonds	1	234,485,		14,063,446	*	10,352,723	3,710,723	9,578,381	9,570,723
UTGO DSA Second Lien Bonds	1	86,815,	000	9,827,630		6,247,588	3,580,042	6,843,141	4,962,542
LTGO DSA Third Lien Bonds	1	108,875,	000	10,357,207		8,644,810	1,712,397	5,224,074	5,219,897
UTGO DSA Fourth Lien Bonds	2	146,760,	000	36,665,687		3,547,843	33,117,844	62,095,595	33,117,843
LTGO DSA Fifth Lien Bonds	1	175,985,	000	8,745,092		4,372,546	4,372,546	4,381,666	4,372,546
LTGO (Exit Financing, Remarketed) ¹	2	205,610,	000	32,508,286		27,962,378	4,545,908	17,144,562	16,298,427
LTGO (B-Notes)	2	434,311,	789	17,372,472		8,686,236	8,686,236	-	-
LTGO MSF (JLA) Loan ²	1	4,159,	104	-		-	-	-	-
MTF Bonds ³	1	90,000,	000	3,160,973		1,529,287	1,631,687	2,806,812	2,020,245
HUD Notes ⁴	10	39,925,	000	5,682,238		5,682,238	-	5,336,675	-
	23	\$ 1,661,925,	893	\$ 156,355,530	\$	82,463,148	\$ 73,892,383	\$ 127,851,073	\$ 75,562,223
Fund 1000 - General Fund-LTGO Fund 4000 - Debt Service Fund-UTGO Fund 2001 - CDBG Fund-HUD Notes Fund 3301 - Street Funds-MTF Bonds		\$ 1,163,425, 368,575, 39,925, 90,000, \$ 1,661,925,	000 000 000			60,018,693 15,232,931 5,682,238 1,529,287 82,463,148			

¹ This bond issue has a debt service reserve fund of \$27,500,000 held by the trustee. The DSRF is not reflected in the "At Trustee" amount because it is not intended to pay debt service.

² On June 10, 2019, the City entered into a loan agreement with the Michigan Strategic Fund to borrow an amount not to exceed \$10 million for the purpose of demolishing the Joe Louis Arena. The first drawdown occurred on July 9, 2019. To date, \$4,159,104 has been drawn down. In February 2020, the loan agreement was amended to extend the due date for the final

drawdown to June 30, 2020.

The most recent draw of \$5,000,000 was made on October 1, 2019. The two remaining draws are scheduled to occur on April 1 and October 1, 2020.

⁴ In FY17, funds to pay the remaining payments for the HUD Note New Amsterdam project were placed with the trustee and the Note was defeased in substance.



Appendix: Debt Details

City of Detroit - UTGO 2018 Debt Service Requirements

ISSUE NAME:

ISSUE NAME(2):

REPAYMENT SOURCE:

ORIGINAL PAR:

DATED DATE:

PRINCIPAL DUE:

INTEREST DUE:

INTEREST RATE: MATURITY DATE:

INSURANCE:

CALL PROVISIONS:

Fiscal Year Ending June 30,

2030 2031 2032

OUTSTANDING AT 7/1/2019 PAID DURING FISCAL YEAR OUTSTANDING AT 3/31/20 **Unlimited Tax General Obligation**

Full faith and credit and resources of the City

Ad valorem taxes levied annually on all property

\$135,000,000

December 11, 2018

Annual: April

Semi-Annual: April/October

5.00% April 1, 2038

None

April 1, 2028 at 100%

Principal	Interest	Total
9,160,000	8,812,500	17,972,500
10,620,000	6,292,000	16,912,000
4,460,000	5,761,000	10,221,000
4,680,000	5,538,000	10,218,000
4,915,000	5,304,000	10,219,000
5,160,000	5,058,250	10,218,250
5,420,000	4,800,250	10,220,250
5,690,000	4,529,250	10,219,250
5,975,000	4,244,750	10,219,750
6,275,000	3,946,000	10,221,000
6,590,000	3,632,250	10,222,250
6,915,000	3,302,750	10,217,750
7,265,000	2,957,000	10,222,000
7,625,000	2,593,750	10,218,750
8,005,000	2,212,500	10,217,500
8,410,000	1,812,250	10,222,250
8,830,000	1,391,750	10,221,750
\$9,270,000	950,250	10,220,250
\$9,735,000	486,750	10,221,750
\$ 135,000,000	\$ 73,625,250	\$ 208,625,250
-	5,437,500	5,437,500
\$ 135,000,000	\$ 68,187,750	\$ 203,187,750

City of Detroit - LTGO DSA 1st Lien Debt Service Requirements

ISSUE NAME:

ISSUE NAME(2): REPAYMENT

SOURCE:

ORIGINAL PAR: DATED DATE:

PRINCIPAL DUE:

INTEREST DUE: INTEREST RATE:

MATURITY DATE: INSURANCE:

CALL PROVISIONS:

Fiscal Year Ending June 30, 2020

OUTSTANDING AT 7/1/2019 PAID DURING FISCAL YEAR OUTSTANDING AT 3/31/20 Distributable State Aid First Lien Bonds (Limited Tax General Obligation), Series 2016B-1 (Taxable - Refunding Local Project Bonds)

LTGO DSA First Lien Bonds

Full faith and credit and resources of the City, additionally Detroit's share of State Shared Revenue payments.

Ad valorem taxes levied annually on all property

\$240,965,000 August 11, 2016

Annual: November

Semi-Annual: November/May

1.94% to 5.00% November 1, 2035 Noninsured Make-Whole

Principal	Interest	Total
6,480,000	7,583,446	14,063,446
11,720,000	7,128,446	18,848,446
12,130,000	6,717,724	18,847,724
12,385,000	6,461,043	18,846,043
12,675,000	6,170,364	18,845,364
12,990,000	5,855,619	18,845,619
13,330,000	5,518,638	18,848,638
13,690,000	5,159,182	18,849,182
14,100,000	4,743,853	18,843,853
14,565,000	4,276,613	18,841,613
15,050,000	3,793,889	18,843,889
15,550,000	3,295,109	18,845,109
16,065,000	2,779,784	18,844,784
16,625,000	2,219,922	18,844,922
17,235,000	1,612,981	18,847,981
17,860,000	983,903	18,843,903
18,515,000	331,881	18,846,881
\$ 240,965,000	\$ 74,632,397	\$ 315,597,397
\$ 6,480,000.00	3,872,723	10,352,723
\$ 234,485,000	\$ 70,759,674	\$ 305,244,674

City of Detroit - UTGO DSA 2nd Lien Debt Service Requirements

ISSUE NAME:	Distributable State A Tax General Obligat Zone Economic dev	ion), Series 2010 (Ta	axable - Recovery									
ISSUE NAME(2):	UTGO DSA 2nd Lien											
REPAYMENT SOURCE:	Full faith and credit Shared Revenue pay		e City & State									
	Ad valorem taxes le	vied annually on all	property									
ORIGINAL PAR:	\$100,000,000											
DATED DATE:	December 16, 2010											
PRINCIPAL DUE:	Annual: November											
INTEREST DUE:	Semi-Annual: November/May											
INTEREST RATE:	5.429% to 8.369%											
MATURITY DATE:												
	November 1, 2035											
INSURANCE:	None											
CALL PROVISIONS:	Make-Whole											
Fiscal Year Ending												
June 30,	Principal	Interest	Total									
June 30, 2020	2,575,000	7,252,630	9,827,630									
June 30, 2020 2021	2,575,000 2,765,000	7,252,630 7,060,710	9,827,630 9,825,710									
June 30, 2020 2021 2022	2,575,000 2,765,000 2,970,000	7,252,630 7,060,710 6,854,594	9,827,630 9,825,710 9,824,594									
June 30, 2020 2021 2022 2023	2,575,000 2,765,000 2,970,000 3,195,000	7,252,630 7,060,710 6,854,594 6,633,024	9,827,630 9,825,710 9,824,594 9,828,024									
June 30, 2020 2021 2022 2023 2024	2,575,000 2,765,000 2,970,000 3,195,000 3,455,000	7,252,630 7,060,710 6,854,594 6,633,024 6,373,621	9,827,630 9,825,710 9,824,594 9,828,024 9,828,621									
June 30, 2020 2021 2022 2023 2024 2025	2,575,000 2,765,000 2,970,000 3,195,000 3,455,000 3,755,000	7,252,630 7,060,710 6,854,594 6,633,024 6,373,621 6,071,919	9,827,630 9,825,710 9,824,594 9,828,024 9,828,621 9,826,919									
June 30, 2020 2021 2022 2023 2024	2,575,000 2,765,000 2,970,000 3,195,000 3,455,000 4,085,000	7,252,630 7,060,710 6,854,594 6,633,024 6,373,621 6,071,919 5,743,854	9,827,630 9,825,710 9,824,594 9,828,024 9,828,621 9,826,919 9,828,854									
June 30, 2020 2021 2022 2023 2024 2025 2026	2,575,000 2,765,000 2,970,000 3,195,000 3,455,000 3,755,000	7,252,630 7,060,710 6,854,594 6,633,024 6,373,621 6,071,919	9,827,630 9,825,710 9,824,594 9,828,024 9,828,621 9,826,919									
June 30, 2020 2021 2022 2023 2024 2025 2026 2027	2,575,000 2,765,000 2,970,000 3,195,000 3,455,000 4,085,000 4,440,000	7,252,630 7,060,710 6,854,594 6,633,024 6,373,621 6,071,919 5,743,854 5,387,125	9,827,630 9,825,710 9,824,594 9,828,024 9,828,621 9,826,919 9,828,854 9,827,125									
June 30, 2020 2021 2022 2023 2024 2025 2026 2027 2028	2,575,000 2,765,000 2,970,000 3,195,000 3,455,000 4,085,000 4,440,000 4,825,000	7,252,630 7,060,710 6,854,594 6,633,024 6,373,621 6,071,919 5,743,854 5,387,125 4,999,431	9,827,630 9,825,710 9,824,594 9,828,024 9,828,621 9,826,919 9,828,854 9,827,125 9,824,431									
June 30, 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029	2,575,000 2,765,000 2,970,000 3,195,000 3,455,000 4,085,000 4,440,000 4,825,000 5,250,000 5,705,000 6,205,000	7,252,630 7,060,710 6,854,594 6,633,024 6,373,621 6,071,919 5,743,854 5,387,125 4,999,431 4,577,843	9,827,630 9,825,710 9,824,594 9,828,024 9,828,621 9,826,919 9,828,854 9,827,125 9,824,431 9,827,843									
June 30, 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030	2,575,000 2,765,000 2,970,000 3,195,000 3,455,000 4,085,000 4,440,000 4,825,000 5,250,000 5,705,000	7,252,630 7,060,710 6,854,594 6,633,024 6,373,621 6,071,919 5,743,854 5,387,125 4,999,431 4,577,843 4,119,431	9,827,630 9,825,710 9,824,594 9,828,024 9,828,621 9,826,919 9,828,854 9,827,125 9,824,431 9,827,843 9,824,431									
June 30, 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031	2,575,000 2,765,000 2,970,000 3,195,000 3,455,000 4,085,000 4,440,000 4,825,000 5,250,000 5,705,000 6,205,000	7,252,630 7,060,710 6,854,594 6,633,024 6,373,621 6,071,919 5,743,854 5,387,125 4,999,431 4,577,843 4,119,431 3,621,057	9,827,630 9,825,710 9,824,594 9,828,024 9,828,621 9,826,919 9,828,854 9,827,125 9,824,431 9,827,843 9,824,431 9,826,057									
June 30, 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034	2,575,000 2,765,000 2,970,000 3,195,000 3,455,000 4,085,000 4,440,000 4,825,000 5,250,000 5,705,000 6,205,000 7,335,000 7,975,000	7,252,630 7,060,710 6,854,594 6,633,024 6,373,621 6,071,919 5,743,854 5,387,125 4,999,431 4,577,843 4,119,431 3,621,057 3,078,955 2,489,568 1,848,921	9,827,630 9,825,710 9,824,594 9,828,624 9,826,919 9,828,854 9,827,125 9,824,431 9,827,843 9,824,431 9,826,057 9,828,955 9,824,568 9,823,921									
June 30, 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035	2,575,000 2,765,000 2,970,000 3,195,000 3,455,000 4,085,000 4,440,000 4,825,000 5,250,000 6,205,000 6,750,000 7,335,000 7,975,000 8,675,000	7,252,630 7,060,710 6,854,594 6,633,024 6,373,621 6,071,919 5,743,854 5,387,125 4,999,431 4,577,843 4,119,431 3,621,057 3,078,955 2,489,568 1,848,921 1,152,202	9,827,630 9,825,710 9,824,594 9,828,621 9,826,919 9,828,854 9,827,125 9,824,431 9,827,843 9,824,431 9,826,057 9,828,955 9,824,568 9,823,921 9,827,202									
June 30, 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034	2,575,000 2,765,000 2,970,000 3,195,000 3,455,000 4,085,000 4,440,000 4,825,000 5,250,000 5,705,000 6,205,000 7,335,000 7,975,000	7,252,630 7,060,710 6,854,594 6,633,024 6,373,621 6,071,919 5,743,854 5,387,125 4,999,431 4,577,843 4,119,431 3,621,057 3,078,955 2,489,568 1,848,921	9,827,630 9,825,710 9,824,594 9,828,621 9,826,919 9,828,854 9,827,125 9,824,431 9,827,843 9,824,431 9,826,057 9,828,955 9,824,568 9,823,921									

\$2,575,000

86,815,000 \$

3,672,588

73,986,897 \$ 160,801,897

6,247,588

PAID DURING FISCAL YEAR

OUTSTANDING AT 3/31/20

City of Detroit - LTGO DSA 3rd Lien Debt Service Requirements

ISSUE NAME:

ISSUE NAME(2):

REPAYMENT

SOURCE:

ORIGINAL PAR:

DATED DATE:

PRINCIPAL DUE:

INTEREST DUE:

INTEREST RATE: MATURITY DATE:

INSURANCE:

CALL PROVISIONS:

Fiscal Year Ending

June 30, 2020 2021

2032 2033

OUTSTANDING AT 7/1/2019 PAID DURING FISCAL YEAR OUTSTANDING AT 3/31/20 Distributable State Aid Third Lien Bonds (Limited Tax General Obligation), Series 2016B-2 (Taxable - Refunding Local Project Bonds)

LTGO DSA Third Lien Bonds

Full faith and credit and resources of the City, additionally Detroit's share of State Shared Revenue payments.

Ad valorem taxes levied annually on all property

\$123,175,000

August 11, 2016

Annual: November

Semi-Annual: November/May

1.39% to 3.61%

November 1, 2032

Noninsured

Make-Whole

Principal	Interest	Total
6,870,000	3,487,207	10,357,207
7,015,000	3,351,451	10,366,451
7,160,000	3,197,882	10,357,882
7,335,000	3,024,353	10,359,353
7,535,000	2,827,671	10,362,671
7,745,000	2,613,538	10,358,538
7,975,000	2,384,754	10,359,754
8,215,000	2,142,267	10,357,267
8,495,000	1,864,475	10,359,475
8,810,000	1,552,120	10,362,120
9,130,000	1,228,303	10,358,303
9,470,000	892,573	10,362,573
9,815,000	544,478	10,359,478
10,175,000	183,659	10,358,659
\$ 115,745,000	\$ 29,294,731	\$ 145,039,731
6,870,000	1,774,810	8,644,810
\$ 108,875,000	\$ 27,519,921	\$ 136,394,921

City of Detroit - UTGO DSA 4th Lien Debt Service Requirements

ISSUE NAME:	Distributable State Tax General Obliga - Refunding Local F	tion), Series 2016	,	Distributable State (Unlimited Tax Ger (Taxable - Refundin	neral Obligation)	, Series 2016A-2						
ISSUE NAME(2):	UTGO DSA 4th Lier	1		UTGO DSA 4th Lie	n							
REPAYMENT SOURCE:	Full faith and credit Shared Revenue pa		f the City & State	Full faith and credi State Shared Rever		of the City &						
	Ad valorem taxes le	evied annually on	all property	Ad valorem taxes l	evied annually o	n all property						
ORIGINAL PAR:	\$222,185,000			\$19,855,000			ALL					
DATED DATE:	August 11, 2016			August 11, 2016								
PRINCIPAL DUE:	Annual: April			Annual: April								
INTEREST DUE:	Semi-Annual: Octo	ber/April		Semi-Annual: Octo	ber/April							
INTEREST RATE:	4.00% to 5.00%			1.69% to 3.66%								
MATURITY DATE:	April 1, 2028			April 1, 2028								
INSURANCE:	None			None								
CALL PROVISIONS:	October 1, 2026 @ 1	00%		Make Whole								
Fiscal Year Ending												
June 30,	Principal	Interest	Total	Principal	Interest	Total	Principal	Interest	Total			
2020	28,280,000	6,659,750	34,939,750	1,290,000	435,937	1,725,937	29,570,000	7,095,687	36,665,687			
2021	28,950,000	5,245,750	34,195,750	1,320,000	403,803	1,723,803	30,270,000	5,649,553	35,919,553			
2022	22,185,000	3,798,250	25,983,250	1,420,000	367,621	1,787,621	23,605,000	4,165,871	27,770,871			
2023	19,465,000	2,689,000	22,154,000	1,465,000	325,817	1,790,817	20,930,000	3,014,817	23,944,817			
2024	15,695,000	1,715,750	17,410,750	1,510,000	279,757	1,789,757	17,205,000	1,995,507	19,200,507			
2025	8,160,000	931,000	9,091,000	1,560,000	230,531	1,790,531	9,720,000	1,161,531	10,881,531			
2026	3,320,000	523,000	3,843,000	1,610,000	178,115	1,788,115	4,930,000	701,115	5,631,115			
2027	3,485,000	357,000	3,842,000	1,665,000	122,409	1,787,409	5,150,000	479,409	5,629,409			
2028	3,655,000	182,750	3,837,750	1,725,000	63,135	1,788,135	5,380,000	245,885	5,625,885			
OUTSTANDING AT 7/1/2019	\$ 133,195,000	\$ 22,102,250	\$ 155,297,250	\$ 13,565,000	\$ 2,407,125	\$ 15,972,125	\$ 146,760,000	\$ 24,509,375	\$ 171,269,375			
PAID DURING FISCAL YEAR	-	3,329,875	3,329,875	-	217,968	217,968	-	3,547,843	3,547,843			
OUTSTANDING AT 3/31/20	\$ 133,195,000	\$ 18,772,375	\$ 151,967,375	\$ 13,565,000	\$ 2,189,157	\$ 15,754,157	\$ 146,760,000	\$ 20,961,532	\$ 167,721,532			

CALLABLE: \$7,140,000

City of Detroit - LTGO DSA 5th Lien Debt Service Requirements

ISSUE NAME:

ISSUE NAME(2):

REPAYMENT

SOURCE:

ORIGINAL PAR: DATED DATE: PRINCIPAL DUE:

INTEREST DUE: INTEREST RATE: MATURITY DATE: INSURANCE: CALL PROVISIONS:

Fiscal Year Ending June 30,

OUTSTANDING AT 7/1/2019 PAID DURING FISCAL YEAR OUTSTANDING AT 3/31/20 Distributable State Aid Fifth Lien Bonds (Limited Tax General Obligation), Series 2018 (Taxable)

LTGO DSA Fifth Lien Bonds

Full faith and credit and resources of the City, additionally Detroit's share of State Shared Revenue payments.

Ad valorem taxes levied annually on all property

\$175,985,000

December 13, 2018 Annual: November

Semi-Annual: November/May

4.920% to 5.020% November 1, 2043 Noninsured Make-Whole

Principal	Interest	Total
	8,745,092	8,745,092
	8,745,092	8,745,092
	8,745,092	8,745,092
	8,745,092	8,745,092
	8,745,092	8,745,092
	8,745,092	8,745,092
	8,745,092	8,745,092
	8,745,092	8,745,092
	8,745,092	8,745,092
	8,745,092	8,745,092
	8,745,092	8,745,092
	8,745,092	8,745,092
	8,745,092	
	8,745,092	
5,755,000	8,603,519	, ,
865,000	8,440,667	9,305,667
2,855,000	8,349,155	, ,
\$19,560,000	\$7,797,746	
\$19,720,000	\$6,831,458	
\$20,100,000	\$5,851,886	, ,
\$20,500,000	\$4,853,126	, ,
\$20,935,000	\$3,823,358	, ,
\$21,400,000	\$2,760,749	, ,
\$21,890,000	\$1,674,170	
\$22,405,000	\$562,366	22,967,366
475.005.000	A 404.070.407	A 057.004.407
\$ 175,985,000	\$ 181,979,487	\$ 357,964,487
_	4,372,546	
\$ 175,985,000	\$ 177,606,941	\$ 353,591,941

City of Detroit - LTGO Exit (Remarketed) Debt Service Requirements

ISSUE NAME: ISSUE NAME(2): REPAYMENT SOURCE: ORIGINAL PAR: DATED DATE: PRINCIPAL DUE: INTEREST DUE: INTEREST RATE: MATURITY DATE: INSURANCE: CALL PROVISIONS:	Financial Recovery Income Tax Revenue and Refunding Bonds, Series 2014-A (Tax-Exempt) Exit Financing (Remarketed) Income Taxes & Full faith and credit and resources of the City Income Taxes \$134,725,000 September 1, 2015 Annual: October Semi Annual: October/April 3.40% to 4.50% October 1, 2029 Noninsured None				Indoor See Are See 4.6	nancial Recover efunding Bonds, cit Financing (Recome Taxes & Fthe City come Taxes 10,275,000 eptember 1, 2015 eptember 1, 2022 eptember 1, 2022 eptember 1, 2022 eptember 1, 2022 eptember 2, 20	, Serie emarke ull fai	axal	ole)	ALL					
	F	Principal	Interest	Total		Principal	ı	nterest		Total		Principal	Interes		Total
Fiscal Year Ending															
June 30,															
2020			5,831,	-,,		22,890,000		3,787,180		26,677,180		22,890,000	9,618,		32,508,286
2021		2,000,000	5,797,	, ,		22,200,000		2,750,110		24,950,110		24,200,000	8,547,		32,747,216
2022		2,000,000	5,727,	, ,		23,605,000		1,696,595		25,301,595		25,605,000	7,423,		33,028,701
2023		2,000,000	5,653,			25,080,000		576,840		25,656,840		27,080,000	6,229,		33,309,946
2024		15,375,000	5,317,2	, ,								15,375,000	5,317,		20,692,216
2025 2026		16,285,000 17,245,000	4,693,6 3,979,9	, ,							1	16,285,000 17,245,000	4,693, 3,979,		20,978,625 21,224,913
2026		18,265,000	3,979,9	, ,							1	18,265,000	3,979, 3,180,		21,224,913
2027		19,350,000	2,334,6	, ,								19,350,000	2,334,		21,445,936
2029		20,495,000	1,438,0									20,495,000	1,438,		21,933,088
2029		21,710,000	488,4									21,710,000	488,		22,198,475
2030		21,710,000	+00,4	22,130,473							1	21,710,000	400 ,	-, 3	22, 130,473
OUTSTANDING AT 7/1/2019	\$	134,725,000	\$ 44,441,2	78 \$ 179,166,278	\$	93,775,000	\$	8,810,725	\$	102,585,725	\$	228,500,000	\$ 53,252,	003	\$ 281,752,003
PAID DURING FISCAL YEAR*	•	-	2,915,			22,890,000	•	2,156,825		25,046,825	1	22,890,000	5,072,		27,962,378
OUTSTANDING AT 12/31/2019	\$	134,725,000	\$ 41.525.7	25 \$ 176,250,725	\$	70,885,000	\$	6,653,900	\$	77,538,900	\$	205,610,000	\$ 48,179,	625	\$ 253,789,625

			Taxable)	Taxable)	ry Bonds, Series 2	1014-B2 (Federally			
ISSUE NAME(2):	B-Notes			B-Notes					
REPAYMENT SOURCE:	Full faith and credit and resources	s of the City		Full faith and cred	dit and resources	of the City			
ORIGINAL PAR:	\$616,560,047			\$15,404,098				ALL	
DATED DATE:	December 10, 2014			December 10, 201	4				
PRINCIPAL DUE:	Annual: April			Annual: April					
INTEREST DUE:	Semi Annual: April/October			Semi Annual: Apr	il/October				
INTEREST RATE:	4.00% to 6.00%			4.00% to 6.00%					
MATURITY DATE:	April 1, 2044			April 1, 2044					
INSURANCE:	Noninsured			Noninsured					
CALL PROVISIONS:	Callable at Par			Callable at Par					
	Principal	Interest	Total	Principal	Interest	Total	Principal	Interest	Total
Fiscal Year Ending									
June 30,		40.070.004	40.070.004		200.400	200 400		47.070.470	47.070.470
2020 2021		16,973,304 16,973,304	16,973,304 16,973,304		399,168 399,168	399,168 399,168	-	17,372,472 17,372,472	17,372,472 17,372,472
2021		16,973,304	16,973,304		399,168	399,168		17,372,472	17,372,472
2023		16,973,304	16,973,304		399,168	399,168	_	17,372,472	17,372,472
2024		16,973,304	16,973,304		399,168	399,168	_	17,372,472	17,372,472
2025	2,411,066	16,973,304	19,384,370		399,168	399,168	2,411,066	17,372,472	19,783,538
2026	2,256,986	16,876,861	19,133,847		399,168	399,168	2,256,986	17,276,029	19,533,015
2027	2,128,183	16,786,582	18,914,765		399,168	399,168	2,128,183	17,185,749	19,313,932
2028	1,977,770	16,701,454	18,679,224		399,168	399,168	1,977,770	17,100,622	19,078,392
2029	1,807,988	16,622,344	18,430,332		399,168	399,168	1,807,988	17,021,511	18,829,499
2030	1,616,461	16,550,024	18,166,485		399,168	399,168	1,616,461	16,949,192	18,565,653
2031	23,874,105	16,485,366	40,359,471		399,168	399,168	23,874,105	16,884,533	40,758,638
2032	24,095,750	15,530,401	39,626,151	736,738	399,168	1,135,906	24,832,488	15,929,569	40,762,057
2033	25,056,264	14,566,571	39,622,835	770,205	369,698	1,139,903	25,826,469	14,936,270	40,762,739
2034	30,828,003	13,564,321	44,392,324	770,205	338,890	1,109,095	31,598,208	13,903,211	45,501,419
2035	30,828,003	18,496,801	49,324,804	770,205	462,123	1,232,328	31,598,208	18,958,924	50,557,132
2036	30,828,003	16,647,121	47,475,124	770,205	415,911	1,186,116	31,598,208	17,063,031	48,661,239
2037 2038	30,828,003 30,828,003	14,797,441 12,947,760	45,625,444 43,775,763	770,205 770,205	369,698 323,486	1,139,903 1,093,691	31,598,208 31,598,208	15,167,139 13,271,246	46,765,347 44,869,454
2038 2039	30,828,003	12,947,760	43,775,763	770,205 770,205	323,486 277,274	1,047,479	31,598,208	13,271,246	44,869,454 42,973,562
2040	30,828,003	9,248,400	40,076,403	770,205	231,061	1,001,266	31,598,208	9,479,462	41,077,670
2041	30,828,003	7,398,720	38,226,723	770,205	184,849	955,054	31,598,208	7,583,569	39,181,777
2042	30,828,003	5,549,040	36,377,043	770,205	138,637	908,842	31,598,208	5,687,677	37,285,885
2043	30,828,003	3,699,360	34,527,363	770,205	92,424	862,629	31,598,208	3,791,784	35,389,992
2044	30,827,990	1,849,679	32,677,669	770,203	46,212	816,415	31,598,193	1,895,892	33,494,085
OUTSTANDING AT 7/1/2019	\$ 424,332,593	\$ 347,256,148	\$ 771,588,741	\$ 9,979,196	\$ 8,439,446	\$ 18,418,642	\$ 434,311,789	\$ 355,695,594	\$ 790,007,383
PAID DURING FISCAL YEAR	-	8,486,652	8,486,652	- 0,070,100	199,584	199,584	-	8,686,236	8,686,236
OUTSTANDING AT 3/31/20	\$ 424,332,593			\$ 9,979,196			\$ 434,311,789		

City of Detroit - 2019 Capital Improvement Bond (JLA Demolition) - Debt Service Requirements

ISSUE NAME: ISSUE NAME(2): REPAYMENT SOURCE: ORIGINAL PAR: DATED DATE: PRINCIPAL DUE: INTEREST DUE: INTEREST RATE: MATURITY DATE: INSURANCE: CALL PROVISIONS:	City of Detroit 2019 Ca (Joe Louis Arena Demo Full faith and credit and Ad valorem taxes levie \$10,000,000 (of which standard June 10, 2019 Annual: July Annual: July 1.00% to 2.00% July 8, 2039 Noninsured	olition) d resources of the Cit d annually on all prop	ty. perty
Fiscal Year Ending	Principal	Interest	Total
June 30,			
2020	\$ -	\$ -	-
2021	-	40,806	40,806
2022	-	44,098	44,098
2023	194,270	83,182	277,452
2024	198,155	79,297	277,452
2025	201,912	75,540	277,452
2026	206,157	71,295	277,452
2027	210,280	67,172	277,452
2028	214,486	62,967	277,452
2029	218,615	58,838	277,452
2030	223,148	54,305	277,452
2031	227,611	49,842	277,452
2032	232,163	45,289	277,452
2033	236,695	40,758	277,452
2034	241,540	35,912	277,452
2035	246,371	31,081	277,452
2036	251,298	26,154	277,452
2037	256,266	21,186	277,452
2038	261,449	16,003	277,452
2039	266,678	10,774	277,452
2040	272,012	5,440	277,452
2041			
2042			
2043			
2044			
OUTSTANDING AT 7/1/2019 PAID DURING FISCAL YEAR	\$ 4,159,104	\$ 919,939	\$ 5,079,043
OUTSTANDING AT 3/31/20	\$ 4,159,104	\$ 919,939	\$ 5,079,043

^{1.} The following three drawdowns have been made: Drawdown #1: \$850,000; Drawdown #2: \$3,000,000; Drawdown #3: \$309,104.37. The due date for the final drawdown is June 30, 2020.

City of Detroit - MTF Bonds - Debt Service Requirements

ISSUE NAME: ISSUE NAME(2): REPAYMENT SOURCE: **ORIGINAL PAR:** DATED DATE: PRINCIPAL DUE: INTEREST DUE: **INTEREST RATE: MATURITY DATE: INSURANCE: CALL PROVISIONS:** Fiscal Year Ending June 30,

OUTSTANDING AT 7/1/2019 PAID DURING FISCAL YEAR OUTSTANDING AT 3/31/20 City of Detroit Transportation Project
MTF Bonds
Act 51 dollars
Act 51 dollars
\$124,500,000* (of which \$90,000,000 has been drawn down)
November 16, 2017
April 1
April 1

2.38% to 3.49%
April 1, 2032

April 1, 2032 None 7 year

Principal	Interest	Total
-		-
-	3,160,973	3,160,973
9,145,000	3,263,373	12,408,373
9,345,000	2,998,809	12,343,809
9,585,000	2,704,628	12,289,628
9,840,000	2,391,294	12,231,294
10,115,000	2,058,801	12,173,801
10,430,000	1,678,881	12,108,881
10,765,000	1,272,007	12,037,007
11,115,000	845,498	11,960,498
9,660,000	395,674	10,055,674
-	-	-
-	-	-
-	-	-
\$ 90,000,000	\$ 20,769,938	\$ 110,769,938
-	1,529,287	1,529,287
\$ 90,000,000	\$ 19,240,651	\$ 109,240,651

The remaining draws will occur on April 1 and October 1, 2020. With each draw, the debt schedule is updated accordingly. The total principal to be drawn is \$124,500,000 and the total interest is \$37,545,372.57.

ISSUE NAME:	Mexicantown Wel	come Center		Book Cadillac	Project Note 2	
	HUD 108 Note			HUD 108 Note	•	
REPAYMENT SOURCE:	Section 108 Loan	•		Section 108 Loan Guaranty Block Grant Funds		
	Block Grant Fund	S			unas	
ORIGINAL PAR:	\$7,789,000			\$10,700,000		
DATED DATE:	March 26, 2019 (R	efunding)		March 26, 201	9 (Refunding)	
PRINCIPAL DUE:	Annual: August			Annual: Augu	st	
INTEREST DUE:	Semi Annual: Aug	ust/February		Semi Annual:	August/February	/
INTEREST RATE:	5.09% to 5.70%			4.33% to 5.389	%	
MATURITY DATE:	August 1, 2024			August 1, 202	4	
INSURANCE:	Noninsured			Noninsured		
CALL PROVISIONS:	None			None		
	Principal	Interest	Total	Principal	Interest	Total
Fiscal Year Ending						
June 30,						
2020	270,000	30,474	300,474	716,0		
2021 2022	280,000	29,852	309,852	716,0		,
2022	280,000 350,000	22,684 14,629	302,684 364,629	716,0 716,0		,
2023	360,000	5,459	365,459	716,0		· · · · · ·
2024	28.000	3,439	28,374	716,0		-
2026	-	-	-	175,0		· · · · · ·
2027	_	-	-	-		-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
2030	-	-	-	-	-	-
2031	-	-	-	-	-	-
2032	-	-	-	-	-	-
OUTSTANDING AT 7/1/2019	\$ 1,568,000	\$ 103,472	\$ 1,671,472	\$ 4,471,0	00 \$ 348,55	1 \$ 4,819,551
PAID DURING FISCAL YEAR*	270,000	30,474	300,474	716,0	, ,	. , ,
OUTSTANDING AT 3/31/20	\$ 1,298,000	\$ 72,999	\$ 1,370,999	\$ 3,755,0		

Notes

^{1.} On April 29, 2019, the Woodward Gardens Project II Note was partially defeased (prepaid) by the City. Specifically, the City made payment to the HUD Trustee to defease the following maturities/principal amounts: August 1, 2019/\$160,000; August 1, 2027/\$261,000; August 1, 2018/\$1,557,000. In addition to the principal, the payment included amounts sufficient to pay the interest that accrued until the optional redemption date occured and payment could be made to the holders of the HUD Certificates. The total payment was \$1,938,000. The 2019 maturity was defeased on August 1, 2019. The 2027 and 2028 maturities will be defeased by HUD on August 1, 2020. From the City's perspective, the principal amounts are considered defeased in substance on the date the City made payment.

^{2.} In FY17, funds to prepay the New Amsterdam Note were placed in escrow and the Note was fully defeased in substance. The trustee pays the debt service from the escrow until the final payment on 8-1-22.

ISSUE NAME:

REPAYMENT SOURCE:

ORIGINAL PAR:
DATED DATE:
PRINCIPAL DUE:
INTEREST DUE:
INTEREST RATE:
MATURITY DATE:
INSURANCE:
CALL PROVISIONS:

Fiscal Year Ending
June 30,
2020
2021
2022
2023
2024
2025
2026
2027
2028

OUTSTANDING AT 7/1/2019
PAID DURING FISCAL YEAR*
OUTSTANDING AT 3/31/20

Garfield II Project Note 1
HUD 108 Note
Section 108 Loan Guaranty
Block Grant Funds
\$6,522,000
March 26, 2019 (Refunding)
Annual: August
Semi Annual: August/February
4.33% to 5.30%

August 1, 2025 Noninsured None

Principal	Interest	Total
480,000	105,783	585,783
520,000	114,104	634,104
620,000	99,507	719,507
720,000	82,370	802,370
780,000	62,991	842,991
950,000	40,108	990,108
1,002,000	13,717	1,015,717
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
\$ 5,072,000	\$ 518,580	\$ 5,590,580
480,000	105,783	585,783
\$ 4.592.000	\$ 412,797	\$ 5.004.797

Garfield II Project Note 2
HUD 108 Note
Section 108 Loan Guaranty
Block Grant Funds
\$2,058,000
March 26, 2019 (Refunding)
Annual: August
Semi Annual: August/February
5.09% to 5.77%
August 1, 2026

August 1, 20 Noninsured None

Principal	Interest	Tota	ıl
110,000	36,196	146	,196
120,000	40,341	160	,341
130,000	37,141	167	,141
140,000	33,688	173	,688
150,000	29,941	179	,941
240,000	24,776	264	,776
320,000	17,194	337	,194
448,000	6,406	454	,406
-	-		-
-	-		-
-	-		-
-	-		-
-	-		-
\$ 1,658,000	\$ 225,683	\$ 1,883	,683
110,000	36,196	146	,196
\$ 1,548,000	\$ 189,487	\$ 1,737	,487

Garfield II Project Note 4
HUD 108 Note
Section 108 Loan Guaranty
Block Grant Funds
\$1,393,000
May 28, 2015 (Refunding)

Annual: August
Semi Annual: August/February
.28% to 3.35%

.28% to 3.35% August 1, 2029 Noninsured None

Princip	oal	ı	nterest	Total
9	90,000		27,955	117,955
9	95,000		26,169	121,169
9	95,000		24,112	119,112
10	00,000		21,771	121,771
10	00,000		19,146	119,146
10	00,000		16,321	116,321
10	00,000		13,421	113,421
10	00,000		10,396	110,396
10	00,000		7,271	107,271
10	00,000		4,071	104,071
7	73,000		1,223	74,223
	-		-	-
	-		-	-
\$ 1,0	53,000	\$	171,856	\$ 1,224,856
	90,000		27,955	117,955
\$ 90	63,000	\$	143,901	\$ 1,106,901
	-			

ISSUE NAME:

REPAYMENT SOURCE:

ORIGINAL PAR: DATED DATE:

PRINCIPAL DUE:

INTEREST DUE:

INTEREST RATE:

MATURITY DATE:

INSURANCE:

CALL PROVISIONS:

OUTSTANDING AT 7/1/2019
PAID DURING FISCAL YEAR*
OUTSTANDING AT 3/31/20

Garfield II Project Note 3

HUD 108 Note

Section 108 Loan Guaranty

Block Grant Funds

\$6,697,000

May 28, 2015 (Refunding)

Annual: August

Semi Annual: August/February

.93% to 3.35% August 1, 2029 Noninsured

None

Principal	Interest	Total
184,000	193,747	377,747
190,000	190,137	380,137
200,000	185,906	385,906
220,000	180,861	400,861
230,000	174,946	404,946
260,000	168,021	428,021
400,000	158,416	558,416
600,000	143,216	743,216
900,000	119,741	1,019,741
1,400,000	82,816	1,482,816
1,793,000	30,033	1,823,033
-	-	-
-	-	-
\$ 6,377,000	\$ 1,627,835	\$ 8,004,835

193,747

6,193,000 | \$ 1,434,088 | \$ 7,627,088

377,747

184,000

Fort Shelby Project

HUD 108 Note

Section 108 Loan Guaranty

Block Grant Funds

\$18,700,000

March 26, 2019 (Refunding)

Annual: August

Semi Annual: August/February

4.33% to 5.34% August 1, 2026 Noninsured

None

Principal	Interest	Total
1,250,000	263,247	1,513,247
1,250,000	286,943	1,536,943
1,500,000	248,730	1,748,730
1,500,000	210,353	1,710,353
1,500,000	171,615	1,671,615
1,500,000	131,970	1,631,970
2,000,000	84,580	2,084,580
2,000,000	28,600	2,028,600
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
\$ 12,500,000	\$ 1,426,037	\$ 13,926,037
1,250,000	263,247	1,513,247
\$ 11,250,000	\$ 1,162,790	\$ 12,412,790

Woodward Garden Project 1

HUD 108 Note

Section 108 Loan Guaranty

Block Grant Funds

\$7.050.000

March 26, 2019 (Refunding)

Annual: August

Semi Annual: August/February

4.48% to 5.05% August 1, 2021 Noninsured

None

Principal		Interest		Total
4 000 000		10.701		4 0 40 =04
1,200,000		43,731		1,243,731
1,250,000		23,648		1,273,648
300,000		3,855		303,855
-		-		-
-		-		-
-		-		-
-		-		-
-		-		-
-		-		-
_		-		-
_		_		_
_		_		_
_		_		_
		_		
\$ 2,750,000	\$	71,234	\$	2,821,234
1,200,000	"	43,731	Ψ.	1,243,731
\$ 1,550,000	\$	27,503	\$	1,577,503
φ 1,000,000	Ψ	21,503	Φ	1,377,303

ISSUE NAME:

REPAYMENT SOURCE:

ORIGINAL PAR:
DATED DATE:
PRINCIPAL DUE:
INTEREST DUE:
INTEREST RATE:
MATURITY DATE:
INSURANCE:

CALL PROVISIONS:

OUTSTANDING AT 7/1/2019
PAID DURING FISCAL YEAR*
OUTSTANDING AT 3/31/20

Woodward Garden Project 2

HUD 108 Note

Section 108 Loan Guaranty

Block Grant Funds

\$6,197,000

June 12, 2008

Annual: August

Semi Annual: August/February

2.66% to 4.35% August 1, 2028 Noninsured

None

F	Principal	Interest	Total
	-	167,180	167,180
	148,000	164,641	312,641
	170,000	158,933	328,933
	200,000	151,932	351,932
	300,000	142,207	442,207
	400,000	128,252	528,252
	650,000	106,770	756,770
	1,100,000	70,192	1,170,192
	1,099,000	23,519	1,122,519
	-	-	-
	-	-	-
	-	-	-
	-	-	-
\$	4,067,000	\$ 1,113,626	\$ 5,180,626
	-	167,180	167,180
\$	4,067,000	\$ 946,446	\$ 5,013,446

Woodward Garden Project 3
HUD 108 Note
Section 108 Loan Guaranty
Block Grant Funds
\$5,753,000
May 28, 2015 (Refunding)
Annual: August
Semi Annual: August/February
.83% to 3.55%
August 1, 2031
Noninsured
None

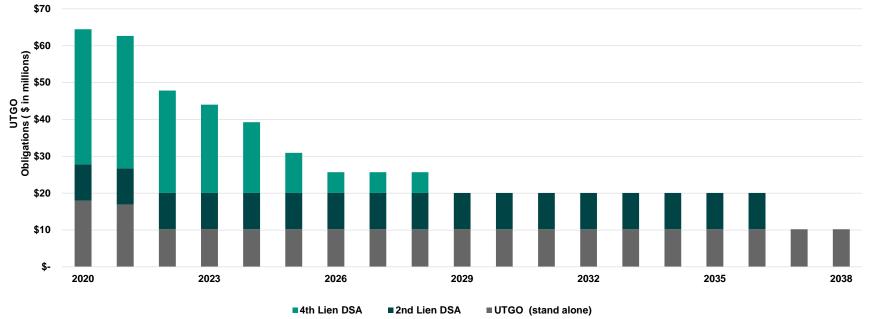
Principal	Interest	Total
281,000	144,619	425,619
295,000	139,057	434,057
310,000	132,494	442,494
325,000	124,870	449,870
342,000	116,101	458,101
359,000	106,197	465,197
377,000	95,521	472,521
396,000	83,822	479,822
417,000	71,116	488,116
438,000	57,431	495,431
460,000	42,609	502,609
483,000	26,451	509,451
507,000	8,999	515,999
•		
\$ 4,990,000	\$ 1,149,287	\$ 6,139,287
281,000	144,619	425,619
\$ 4,709,000	\$ 1,004,668	\$ 5,713,668

Principal Interest Total 4,581,000 \$ 1,101,238 5,682,238 4,864,000 \$ 1,103,297 5,967,297 4,321,000 \$ 5,304,437 983,437 4,271,000 \$ 872,231 5,143,231 4,478,000 \$ 755,673 5,233,673 4,553,000 \$ 630,361 5,183,361 5,024,000 \$ 492,014 5,516,014 4,644,000 \$ 342,632 4,986,632 2,516,000 \$ 221,646 2,737,646 1,938,000 \$ \$ 144,318 2,082,318 2,326,000 \$ 2,399,865 73,865 483,000 \$ 26,451 509,451 507,000 \$ 8,999 515,999 44,506,000 6,756,161 \$ 51,262,161 4,581,000 1,101,238 5,682,238 \$ 39,925,000 \$ 5,654,924 \$ 45,579,924

ALL

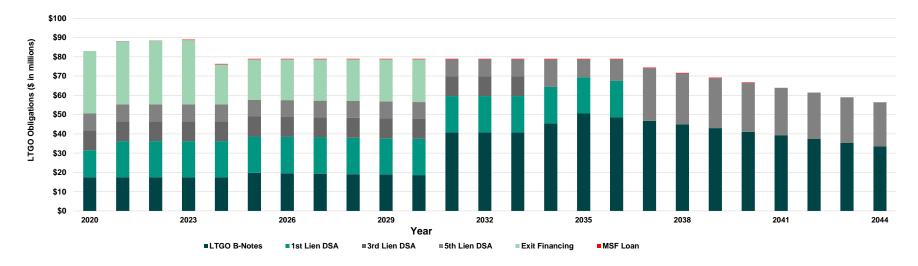
City of Detroit - UTGO Debt Service Requirements Summary

Fiscal Year Ending	UTGO	2nd Lien	4th Lien	UTGO
June 30	(stand alone)	<u>DSA</u>	<u>DSA</u>	<u>Obligations</u>
2020	17,972,500	9,827,630	36,665,687	64,465,817
2021	16,912,000	9,825,710	35,919,553	62,657,263
2022	10,221,000	9,824,594	27,770,871	47,816,465
2023	10,218,000	9,828,024	23,944,817	43,990,841
2024	10,219,000	9,828,621	19,200,507	39,248,128
2025	10,218,250	9,826,919	10,881,531	30,926,700
2026	10,220,250	9,828,854	5,631,115	25,680,219
2027	10,219,250	9,827,125	5,629,409	25,675,784
2028	10,219,750	9,824,431	5,625,885	25,670,066
2029	10,221,000	9,827,843	-	20,048,843
2030	10,222,250	9,824,431	-	20,046,681
2031	10,217,750	9,826,057	-	20,043,807
2032	10,222,000	9,828,955	-	20,050,955
2033	10,218,750	9,824,568	-	20,043,318
2034	10,217,500	9,823,921	-	20,041,421
2035	10,222,250	9,827,202	-	20,049,452
2036	10,221,750	9,824,598	-	20,046,348
2037	10,220,250	-	-	10,220,250



City of Detroit - LTGO Debt Service Requirements Summary

Fiscal Year Ending June 30		LTGO B-Notes		1st Lien DSA		3rd Lien DSA		5th Lien DSA		Exit Financing	ı	MSF (JLA) Loan	LTGO Obligations
2020	\$	17.372.472	\$	14.063.446	\$	10,357,207	\$	8.745.092	\$	32,508,286	\$	Loan	83,046,503
2020	Ψ	17,372,472	Ψ	18,848,446	Ψ	10,366,451	Ψ	8,745,092	Ψ	32,747,216	Ψ	40,806	88,120,483
2022		17,372,472		18,847,724		10,357,882		8,745,092		33,028,701		44,098	88,395,969
2022		17,372,472		18,846,043		10,359,353		8,745,092		33,309,946		277,452	88,910,358
2023		17,372,472		18.845.364		10,362,671		8,745,092		20,692,216		277,452	76,295,266
2025		19,783,538		18,845,619		10,358,538		8,745,092		20,978,625		277,452	78,988,864
2025		19,533,015		18,848,638		10,359,754		8,745,092		21,224,913		277,452	78,988,864
2027		19,313,932		18,849,182		10,357,267		8,745,092		21,445,938		277,452	78,988,863
2027		19,078,392		18,843,853		10,359,475		8,745,092		21,684,600		277,452	78,988,864
2029		18,829,499		18,841,613		10,362,120		8,745,092		21,933,088		277,452	78,988,864
2029		18,565,653		18,843,889		10,358,303		8,745,092		22,198,475		277,452	78,988,864
2030		40,758,638		18.845.109		10,362,573		8,745,092		22,190,475		277,452	78,988,865
2032		40,762,057		18,844,784		10,359,478		8,745,092				277,452	78,988,863
2032		40,762,739		18,844,922		10,358,659		8,745,092				277,452	78,988,864
2034		45,501,419		18.847.981		10,550,059		14,358,519				277,452	78,985,371
2035		50,557,132		18,843,903		_		9,305,667				277,452	78,984,154
2036		48,661,239		18,846,881		_		11,204,155				277,452	78,989,728
2037		46,765,347		10,040,001		_		27,357,746				277,452	74,400,545
2038		44,869,454		_		_		26,551,458		_		277,452	71,698,365
2039		42.973.562		_		_		25,951,886		_		277,452	69,202,900
2040		41,077,670		_		_		25,353,126		_		277,452	66,708,248
2041		39,181,777		_		_		24,758,358		_		211,402	63,940,135
2042		37,285,885		_		_		24,160,749		_		_	61,446,634
2043		35,389,992		_		_		23,564,170		_		_	58,954,162
2044		33,494,085		_		_		22,967,366		-		_	56,461,450
Total	\$	790,007,383	\$	315,597,397	\$	145,039,731	\$	357,964,487	\$	281,752,003	\$	5,079,043	\$ 1,895,440,044
	Ť	, ,	-	2.2,237,007	7		Ψ	,,	-		Ψ	2,2.2,0.0	 1,222,110,011



Notes:

The Enterpise Agencies' share of the LTGO B-Notes that were purchased by the City in FY19 will now be paid by the enterprise agencies annually to the City under the same terms as the original B-Notes as specified in the Memorandum of Understanding executed by the City and the enterprise agencies in April 2019.