

CITY OF MANCHESTER
NEW HAMPSHIRE



QUARTERLY TREASURER'S
REPORT

PERIOD ENDING

March 31, 2016

(Unaudited)

**CITY OF MANCHESTER, NEW HAMPSHIRE
TREASURER'S REPORT**

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**CITY OF MANCHESTER, NEW HAMPSHIRE
STATEMENT OF CASH FLOW
FOR GENERAL AND ENTERPRISE FUNDS
AS OF MARCH 31, 2016**

	GENERAL	SPECIAL	CAPITAL	EPD	WATER	AVIATION	RECREATION	PARKING	TOTALS
<u>June 30, 2015</u>	\$60,584,034.73	\$9,129,965.85	\$16,384,097.53	\$16,686,479.20	\$8,704,646.32	\$38,037,881.86	\$89,448.65	\$12,484.00	\$149,629,038.14
Disbursements	(147,894,642.32)	(1,418,803.46)	(7,502,591.18)	(3,637,532.87)	(2,706,419.22)	(5,551,704.80)	(1,179,358.44)	(336,381.52)	(\$170,227,433.81)
Receipts	161,490,527.73	25,714.20	6,162,406.33	2,387,404.68	1,708,823.40	4,646,047.54	72,103.18	606,192.57	\$177,099,219.63
<u>July 31, 2015</u>	74,179,920.14	7,736,876.59	15,043,912.68	15,436,351.01	7,707,050.50	37,132,224.60	(1,017,806.61)	282,295.05	\$156,500,823.96
Disbursements	(34,910,563.57)	20,435.75	(3,282,297.95)	(2,916,405.85)	(2,821,120.35)	(4,523,303.03)	(129,339.55)	(179,942.93)	(\$48,742,537.48)
Receipts	31,233,251.54	37,172.11	65,596.67	5,578,349.93	2,057,332.63	4,329,611.19	51,115.19	456,622.12	\$43,809,051.38
<u>August 31, 2015</u>	70,502,608.11	7,794,484.45	11,827,211.40	18,098,295.09	6,943,262.78	36,938,532.76	(1,096,030.97)	558,974.24	\$151,567,337.86
Disbursements	(43,707,949.79)	(190,128.15)	(5,161,059.73)	(2,995,700.68)	(3,301,580.52)	(6,181,738.63)	(1,073,430.28)	(223,394.32)	(\$62,834,982.10)
Receipts	31,284,483.81	441,517.50	2,511,554.63	2,424,220.10	5,700,579.92	5,681,980.80	92,318.20	507,236.26	\$48,643,891.22
<u>September 30, 2015</u>	58,079,142.13	8,045,873.80	9,177,706.30	17,526,814.51	9,342,262.18	36,438,774.93	(2,077,143.05)	842,816.18	\$137,376,246.98
Disbursements	(64,283,468.22)	(164,399.48)	(8,650,059.62)	(2,920,114.99)	(2,909,019.04)	(6,732,018.49)	(208,516.90)	(266,371.08)	(\$86,133,967.82)
Receipts	43,540,234.20	86,695.13	4,733,978.85	2,231,742.54	3,148,095.41	7,083,516.10	92,352.91	559,992.76	\$61,476,607.90
<u>October 31, 2015</u>	37,335,908.11	7,968,169.45	5,261,625.53	16,838,442.06	9,581,338.55	36,790,272.54	(2,193,307.04)	1,136,437.86	\$112,718,887.06
Disbursements	(16,537,938.10)	(100,052.58)	(2,798,507.65)	(3,000,999.93)	(3,430,353.02)	(5,866,496.44)	(432,243.58)	(186,094.74)	(\$32,352,686.04)
Receipts	16,921,853.54	39,630.54	337,392.82	2,438,033.83	2,661,069.08	7,618,119.55	137,602.28	551,757.47	\$30,705,459.11
<u>November 30, 2015</u>	37,719,823.55	7,907,747.41	2,800,510.70	16,275,475.96	8,812,054.61	38,541,895.65	(2,487,948.34)	1,502,100.59	\$111,071,660.13
Disbursements	(117,120,627.02)	22,672.23	(7,736,560.87)	(3,242,738.38)	(3,760,042.20)	(5,475,977.68)	(244,977.80)	(546,814.86)	(\$138,105,066.58)
Receipts	176,882,117.23	34,448.63	5,115,933.91	2,396,481.53	3,037,726.61	6,003,451.53	220,709.81	531,763.42	\$194,222,632.67
<u>December 31, 2015</u>	97,481,313.76	7,964,868.27	179,883.74	15,429,219.11	8,089,739.02	39,069,369.50	(2,512,216.33)	1,487,049.15	\$167,189,226.22
Disbursements	(30,310,882.76)	(471,108.27)	(3,150,526.42)	(2,668,654.11)	(1,923,639.24)	(5,508,417.97)	(299,563.48)	(179,880.58)	(\$44,512,672.83)
Receipts	23,872,837.04	(3,108.71)	2,629,433.82	2,132,465.06	2,199,523.09	5,389,384.17	69,133.28	452,316.32	\$36,741,984.07
<u>January 31, 2016</u>	91,043,268.04	7,490,651.29	(341,208.86)	14,893,030.06	8,365,622.87	38,950,335.70	(2,742,646.53)	1,759,484.89	\$159,418,537.46
Disbursements	(60,069,222.30)	(28,504.59)	(1,283,819.86)	(3,122,414.04)	(2,423,425.02)	(6,045,951.76)	(144,674.34)	(328,836.17)	(\$73,446,848.08)
Receipts	43,331,270.80	59,957.25	395,983.07	3,555,794.65	1,940,774.34	4,568,337.66	150,723.28	726,443.17	\$54,729,284.22
<u>February 28, 2016</u>	74,305,316.54	7,522,103.95	(1,229,045.65)	15,326,410.67	7,882,972.19	37,472,721.60	(2,736,597.59)	2,157,091.89	\$140,700,973.60
Disbursements	(30,667,598.63)	39,908.72	(1,953,203.44)	(1,955,441.56)	(1,714,687.93)	(4,720,486.33)	(196,947.49)	(204,019.71)	(\$41,372,476.37)
Receipts	14,913,147.74	58,190.80	1,583,721.20	2,008,566.89	2,098,240.10	4,333,600.79	1,802,717.11	581,117.40	\$27,379,302.03
<u>March 31, 2016</u>	58,550,865.65	7,620,203.47	(1,598,527.89)	15,379,536.00	8,266,524.36	37,085,836.06	(1,130,827.97)	2,534,189.58	\$126,707,799.26

CITY OF MANCHESTER, NEW HAMPSHIRE
STATEMENT OF CASH BALANCES
As of March, 31 2016

Bank	Account Purpose	Account Balance
Bank of America	General Fund	\$ 25,827.12
Citizens Bank	HUD - CDBG	10.00
Citizens Bank	HUD "HOME" Program	10.00
		\$ 25,847.12

**CITY OF MANCHESTER, NEW HAMPSHIRE
STATEMENT OF INTEREST INCOME
As of March, 31 2016**

	REVENUE BUDGET	REVENUE RECOGNIZED	UNRECOGNIZED BALANCE	PERCENTAGE UNRECOGNIZED
2016	210,000	150,006	59,995	28.57%
2015	212,704	140,148	72,556	34.11%

**CONSOLIDATED STATEMENT OF EARNINGS
FOR ALL FUNDS**

General Fund	\$ 150,006
Capital Projects - Bond Proceeds 2007	293
Capital Projects - Bond Proceeds 2010A	84
Capital Projects - Bond Proceeds 2010B	4
Capital Projects - Bond Proceeds 2010C, D, E, & F	370
EPD	27,103
EPD Replacement Account	1,048
Aviation	48,061
Aviation - PFC'S	1,207
Recreation	1,247
Water	6,097
Water-MSDP	11,587
Impact Fees (School, Hackett and Fire-Bodwell)	905
Housing Initiatives	663
Revolving Loan	724
Parking	2,239
MDC	5,987
Grand Total for all Funds	\$ 257,624

CITY OF MANCHESTER, NEW HAMPSHIRE
STATEMENT OF RESTRICTED CASH
As of March 31, 2016

GENERAL GOVERNMENT

COHAS BROOK ASSOC.	\$ 97,000.00
LIBRARY FINES	78,749.46
POLICE EVIDENCE MONEY	42,109.37
OYS ALCOHOL EDUCATION & YES PROGRAM	2,294.72
OYS RESTITUTION	803.33
MEDIA ONE	250.00
LEDA AVE ROAD IMPROVEMENT	8,000.00
PIPELINE EASEMENTS	24,000.00
RIVERWALK IMPROVEMENTS	50,000.00
ESCROW - PERFORMANCE BONDS:	
STOP & SHOP	23,730.63
STONE TERRACE APTS	3,590.40
CUMBLESTONE HOLDINGS LLC	11,700.92
MOORE BUSINESS FORMS	4,769.38
RAPHAEL'S SOCIAL CLUB	593.19
WALNUT HILL AVENUE	105,997.25
E.D. SWETT	33,062.58
YORGO FOODS	2,644.81
WORLD WAR II MEMORIAL	32,405.70
AIR PARK/HACKETT HILL	609,533.21
NW BUSINESS PARK/HACKETT HILL	769,126.36
VOPAR	50,313.96
MPTS - EQUIP	32,005.92
WILLIAM TONER, LLC	25,065.21
ONE WALL STREET, LLC	7,014.44
ORGANIZATION FOR REFUGEE & IMMIGRATION	500.87
ESTATE OF JAMES J BUDICK	1,020.16
THE WAY HOME	500.87
NH GOLD STAR MOTHERS	2,807.93
PELOQUIN REALTY	10,017.78
S. MICHAUD	500.87
MUNI COMPLEX COMMEMORATION	365.33
LIVINGSTON PARK	75,130.53
CHESTER WOODS (HILL)	500.87
DIME FURNITURE	9,014.36
JAMES LANOIE	2,603.61
SIERRA HOMES/SCARPETTI	3,003.21
2DC LLC 7 PLUMMER	4,002.85
DENNIS PROULX	3,001.21
KELLICKER/LAGILLE	1,825.51
SAIGON ASIAN MARKET	20,595.74
STERLING HOMES	3,000.08
SUBSTANCE ABUSE TESTING	52,670.00
VACCINE AND HEALTH PROGRAM	28,951.34
ART FUND	25,485.70
HATM BULL SCULPTURE	7,566.14
FAMILIES IN TRANSITION (ODD FELLOWS)	374,715.16
BANK OF AMERICA PCARD PROGRAM	12,521.69
EXTRA DETAIL REVOLVING FUND	60,052.91
REV FUND K9 DOGS POLICE	550.00
REV FUND SPECIAL RESERVE OFFICERS	109,230.92
OYS MAYORS YOUTH ADVISORY COUNCIL	460.34
REV FUND SCHOOL NURSES CPR PROGRAM	2,670.95
GIS ONLINE MAPS	7,350.00

SPECIAL REVENUE FUND

REVOLVING LOAN	422,659.52
HOUSING INITIATIVES / AFFORDABLE HOUSING	391,429.52
IMPACT FEES - SCHOOL & FIRE	580,675.26
CIVIC CENTER - CAPITAL IMPROVEMENTS	1,090,683.17
ARTS & CULTURAL EVENTS	258.55
ENERGY EFFICIENCY LOANS	5,362.83

BASEBALL

BASEBALL STADIUM CAPITAL RESERVE	50,210.31
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Page 1 Subtotal \$5,376,656.93

CITY OF MANCHESTER, NEW HAMPSHIRE
STATEMENT OF RESTRICTED CASH
As of March 31, 2016

ENTERPRISE FUND - EPD

CONTRACTORS RETAINAGE PAYABLE:	
RD EDMUNDS - CHESTNUT	\$ 3,488.80
PENTA PUMP STATION - AERATION	\$ 360,917.61
PARK CONSTRUCTION - CBI 3-3	\$ 132,839.60
RD EDMUNDS - NO. CHESTNUT	\$ 377,788.41
PARK CONSTRUCTION - COMM	\$ 163,441.34
EPD REPLACEMENT ACCOUNT	\$ 602,105.38

ENTERPRISE FUND - WATER

WATER-MSDC	6,230,137.56
NH PDIP CASH INS RESERVE	3,503,654.58

ENTERPRISE FUND-AVIATION

BOND RESERVE FUND- 1998 \$124,275,000 ISSUE	308,637.54
DEBT SERVICE FUND - 1998 \$124,275,000 ISSUE	473.18
DEBT SERVICE FUND - 2005 \$76,325,000 ISSUE	-
DEBT SERVICE FUND - 2009	1,268,162.32
BOND RESERVE FUND - 2009	7,247,931.97
DEBT SERVICE FUND - 2012	2,355,909.77
BOND RESERVE FUND - 2012	7,493,508.27
DEBT SERVICE FUND - 2013	183,219.54
DEBT SERVICE FUND - 2014	22,025.00
DEBT SERVICE FUND - 2015	18,434.15
RESTRICTED CASH O&M	9,832,000.00
PASSENGER FACILITY CHARGES	2,373,184.24
RENEWAL & REPLACEMENT FUND	250,000.00
SECURITY DEPOSITS	38,185.90

ENTERPRISE FUND-RECREATION

BLL RESTAURANT SECURITY DEPOSIT	12,334.31
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ENTERPRISE FUND-PARKING

MANCHESTER PLACE	108,933.73
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Page 2 Subtotal \$42,887,313.20

Grand Total **\$ 48,263,970.13**

**CITY OF MANCHESTER, NEW HAMPSHIRE
STATEMENT OF INDEBTEDNESS
As of March 31, 2016**

GENERAL GOVERNMENT

Baseball Stadium Construction and Gill Stadium Repairs	\$ 17,460,772.64
Bridge Construction & Repairs	462,172.34
Data Processing	2,075,763.10
Fire	3,992,276.53
Granite Street - 80% - Urban Renewal	239,266.69
Hands Across The Merrimack	154,910.57
Highway	20,066,638.27
Landfill Closure Project	5,356,821.83
Motorized Equipment	11,034,498.67
Neighborhood Revitalization	123,927.22
Pension Obligation Bonds	8,797,979.78
Police	81,291.01
Public Safety Complex	34,785,576.79
Recreation	6,569,707.22
Renovations City Buildings	6,820,477.81
Riverfront Stadium	116,538.45
Senior Center	820,325.56
Sewer Drainage	939,598.33
UNH Land Acquisition	1,252,241.04

TOTAL GENERAL GOVERNMENT **\$ 121,150,783.85**

ENTERPRISE FUND

Aviation	\$ 160,860,506.12
EPD	25,955,110.78
MWW	38,898,584.75
MWW Pension Obligation Bonds	692,020.22
Parking Facilities - Parking	2,040,600.44
Recreation	6,704,229.42

TOTAL ENTERPRISE FUND **\$ 235,151,051.73**

SCHOOL

School Constr & Improvement	\$ 106,088,681.06
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TOTAL SCHOOL **\$ 106,088,681.06**

SPECIAL PROJECTS - HUD SECTION 108 GRANTS

Bond Building	\$ 678,821.97
Bridge & Elm	175,000.00
Dunlap Building	591,178.03
McQuade Building	930,000.00
788 Elm Street	367,797.76
20 Concord Street	174,459.84
NH Institute of Art	162,742.40

TOTAL SPECIAL PROJECTS - HUD 108 GRANTS **\$ 3,080,000.00**

TOTAL ALL CITY INDEBTEDNESS **\$ 465,470,516.64**

**CITY OF MANCHESTER, NEW HAMPSHIRE
CURRENT OUTSTANDING INVESTMENTS
AS OF MARCH, 2016
Unaudited**

DATE INVESTED	MATURITY DATE	RATE	AMOUNT	BANK	INSTRUMENT
GENERAL FUNDS/SPECIAL PROJECTS					
1/5/2016	7/8/2016	0.44%	9,259,059.77	CITIZENS	CASH MGT ACCOUNT
		0.48%	1,480,519.14	NH-PDIP	INVESTMENT POOL
		0.55%	586,238.69	BANK OF AMERICA	INVESTMENT
		0.50%	20,173,244.99	CENTURY	INVESTMENT
		0.40%	10,000,000.00	BANK OF NH	INVESTMENT
		0.40%	2,000,000.00	NBT BANK	CDARS INVESTMENT
		0.45%	10,023,134.74	SANTANDER	INVESTMENT
		0.59%	5,002,821.20	TD BANK	INVESTMENT
CAPITAL PROJECTS					
		0.44%	(12,180,924.87)	CITIZENS	CASH MGT ACCOUNT
		0.15%	869,458.71	CITIZENS	SERIES 2007 BOND FUND
		0.15%	431,525.07	CITIZENS	SERIES 2010 BOND FUND
		0.30%	9,010,746.77	CITIZENS	SERIES 2015 BOND FUND
		0.15%	269,197.06	TD BANK	SERIES 2010 BOND FUND
		0.15%	1,469.37	TD BANK	SERIES 2011 BOND FUND
AVIATION					
		0.44%	29,209,343.09	CITIZENS	CASH MGT ACCOUNT
		0.30%	2,373,184.24	CITIZENS-PFC's	RESTRICTED FUNDS
		0.25%	5,025,388.98	CENTURY BANK	INVESTMENT
		0.48%	227,919.75	NH-PDIP	INVESTMENT POOL
		0.48%	250,000.00	NH-PDIP	INVESTMENT POOL
EPD					
		0.44%	14,599,440.22	CITIZENS	CASH MGT ACCOUNT
EPD CAPITAL PROJECTS					
		0.48%	602,105.38	NH-PDIP	INVESTMENT POOL
EPD REPLACEMENT					
		0.48%	177,990.40	NH-PDIP	INVESTMENT POOL
WATER					
		0.44%	2,036,386.80	CITIZENS	CASH MGT ACCOUNT
WATER-MSDC					
		0.48%	6,230,137.56	NH-PDIP	INVESTMENT POOL
RECREATION					
		0.44%	(1,212,855.66)	CITIZENS	CASH MGT ACCOUNT
		0.15%	79,678.71	CITIZENS	SERIES 2007 BOND FUND
		0.15%	2,348.98	CITIZENS	SERIES 2010 BOND FUND
PARKING					
		0.44%	2,528,894.86	CITIZENS	CASH MGT ACCOUNT
		0.15%	5,294.72	CITIZENS	SERIES 2010 BOND FUND
IMPACT FEES					
		0.48%	572,736.06	* SCHOOL	NH-PDIP
		0.48%	2,085.31	* FIRE	NH-PDIP
		0.48%	5,853.89	* HACKETT HILL	NH-PDIP
HOUSING INITIATIVES					
		0.48%	391,429.52	NH-PDIP	INVESTMENT POOL
REVOLVING LOAN					
		0.48%	422,659.52	*	NH-PDIP
ENERGY LOAN					
		0.48%	5,362.83	*	NH-PDIP
CIVIC CENTER ROYALTIES					
		0.01%	1,090,683.17	CITIZENS	CAP IMPROVEMENT ACCT
		0.48%	258.55	NH-PDIP	INVESTMENT POOL
MDC					
		0.44%	3,377,070.54	CITIZENS	CASH MGT ACCOUNT
HUD SECTION 108					
		0.44%	1,752,064.08	*	CITIZENS
			126,681,952.14		

CITIZENS Bank	REPOS	48,707,097.92	
	CHECKING	1,752,064.08	
	PFC's	2,373,184.24	
	2007 BOND FUND	949,137.42	
	2010 BOND FUND	439,168.77	
	2015 BOND FUND	9,010,746.77	63,231,399.20
Bank of America	T-BILLS	586,238.69	586,238.69
Bank of New Hampshire	SHORT TERM INVESTMENT	10,000,000.00	
Century Bank	SHORT TERM INVESTMENT	25,198,633.97	
NBT Bank	SHORT TERM INVESTMENT	2,000,000.00	
Santander	SHORT TERM INVESTMENT	10,023,134.74	
TD Bank	SHORT TERM INVESTMENT	5,002,821.20	52,224,589.91
TD Bank	2010 BOND FUND	269,197.06	
	2011 BOND FUND	1,469.37	
			270,666.43
NH-PDIP	Restricted	1,400,385.68	
NH-PDIP		8,968,672.23	10,369,057.91
TOTAL T BILLS		586,238.69	
TOTAL REPOS		48,707,097.92	
SHORT TERM INVESTMENT		52,224,589.91	
CHECKING		1,752,064.08	
PFC's		2,373,184.24	
NH-PDIP		10,369,057.91	
2007 BOND FUND		949,137.42	
2010 BOND FUND		708,365.83	
2011 BOND FUND		1,469.37	
2015 BOND FUND		9,010,746.77	
			126,681,952.14

All Certificates of Deposit or Repurchase Agreements are collateralized in a Joint Custody Account at the Federal Reserve Bank (FED) or through the Trust Department of the respective bank that the investment is with.

All Treasury Bills are held for the City of Manchester in a customer account at the "FED".

The NH-Public Deposit Investment Pool (NH-PDIP) is a Cash Management Program created by the State of NH Banking Commissioner and Advisory Committee, specifically for New Hampshire public entities. Interest rates change on a daily basis and are determined using the amortized cost valuation method of all the instruments held in the portfolio at a designated time each day. For simplicity, on this schedule, the rate reflected is the average daily rate that was in effect for the month reported. The funds held in the pool are not invested for a specified duration of time, because one of the features of the pool in addition to the rate structure, is liquidity.

DEBT SERVICE BY SERIES

Section 108 Loans (MAN_108)

788 Elm Street (788_ELM2)

From Mar 31, 2016 to Jun 30, 2045

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2017	28,171.75	2.660%	13,190.48	41,362.23
6/30/2018	28,171.75	2.910%	12,405.90	40,577.65
6/30/2019	28,171.75	3.120%	11,556.52	39,728.27
6/30/2020	28,171.75	3.300%	10,652.21	38,823.96
6/30/2021	28,171.75	3.430%	9,704.23	37,875.98
6/30/2022	28,171.75	3.730%	8,695.68	36,867.43
6/30/2023	28,171.75	3.830%	7,630.79	35,802.54
6/30/2024	28,171.75	3.930%	6,537.73	34,709.48
6/30/2025	28,171.75	4.030%	5,416.50	33,588.25
6/30/2026	28,171.75	4.130%	4,267.09	32,438.84
6/30/2027	28,171.75	4.210%	3,092.32	31,264.07
6/30/2028	28,171.75	4.280%	1,896.42	30,068.17
6/30/2029	29,736.76	4.350%	646.77	30,383.53
	367,797.76		95,692.64	463,490.40

DEBT SERVICE BY SERIES

Section 108 Loans (MAN_108)

Bond Building (BOND_BLD)

From Mar 31, 2016 to Jun 30, 2045

<u>Period Ending</u>	<u>Principal</u>	<u>Coupon</u>	<u>Interest</u>	<u>Debt Service</u>
6/30/2017	678,821.97	5.670%	19,244.60	698,066.57
	678,821.97		19,244.60	698,066.57

DEBT SERVICE BY SERIES
Section 108 Loans (MAN_108)
Bridge & Elm (BRDG_ELM)
From Mar 31, 2016 to Jun 30, 2045

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2017	25,000	5.480%	9,262.50	34,262.50
6/30/2018	25,000	5.590%	7,878.75	32,878.75
6/30/2019	25,000	5.680%	6,470.00	31,470.00
6/30/2020	100,000	5.760%	2,880.00	102,880.00
	175,000		26,491.25	201,491.25

DEBT SERVICE BY SERIES
Section 108 Loans (MAN_108)
20 Concord Street (CONCORD2)
From Mar 31, 2016 to Jun 30, 2045

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2017	13,362.88	2.660%	6,256.73	19,619.61
6/30/2018	13,362.88	2.910%	5,884.57	19,247.45
6/30/2019	13,362.88	3.120%	5,481.68	18,844.56
6/30/2020	13,362.88	3.300%	5,052.73	18,415.61
6/30/2021	13,362.88	3.430%	4,603.07	17,965.95
6/30/2022	13,362.88	3.730%	4,124.68	17,487.56
6/30/2023	13,362.88	3.830%	3,619.56	16,982.44
6/30/2024	13,362.88	3.930%	3,101.08	16,463.96
6/30/2025	13,362.88	4.030%	2,569.24	15,932.12
6/30/2026	13,362.88	4.130%	2,024.04	15,386.92
6/30/2027	13,362.88	4.210%	1,466.81	14,829.69
6/30/2028	13,362.88	4.280%	899.55	14,262.43
6/30/2029	14,105.28	4.350%	306.79	14,412.07
	174,459.84		45,390.53	219,850.37

DEBT SERVICE BY SERIES

Section 108 Loans (MAN_108)

Dunlap Building (DUNLAP)

From Mar 31, 2016 to Jun 30, 2045

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2017	591,178.03	5.670%	16,759.90	607,937.93
	591,178.03		16,759.90	607,937.93

DEBT SERVICE BY SERIES
Section 108 Loans (MAN_108)
McQuades Building (MCQUADE2)
From Mar 31, 2016 to Jun 30, 2045

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2017	102,000	0.830%	13,516.30	115,516.30
6/30/2018	104,000	0.930%	12,609.40	116,609.40
6/30/2019	106,000	1.330%	11,420.90	117,420.90
6/30/2020	570,000	1.880%	5,358.00	575,358.00
	882,000		42,904.60	924,904.60

DEBT SERVICE BY SERIES
Section 108 Loans (MAN_108)
McQuades Building (MCQUADES)
From Mar 31, 2016 to Jun 30, 2045

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2017			2,764.80	2,764.80
6/30/2018			2,764.80	2,764.80
6/30/2019			2,764.80	2,764.80
6/30/2020	48,000	5.760%	1,382.40	49,382.40
	48,000		9,676.80	57,676.80

DEBT SERVICE BY SERIES
Section 108 Loans (MAN_108)
NH Institute of Art (NH_ART2)
From Mar 31, 2016 to Jun 30, 2045

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2017	12,465.37	2.660%	5,836.51	18,301.88
6/30/2018	12,465.37	2.910%	5,489.35	17,954.72
6/30/2019	12,465.37	3.120%	5,113.52	17,578.89
6/30/2020	12,465.37	3.300%	4,713.38	17,178.75
6/30/2021	12,465.37	3.430%	4,293.92	16,759.29
6/30/2022	12,465.37	3.730%	3,847.66	16,313.03
6/30/2023	12,465.37	3.830%	3,376.47	15,841.84
6/30/2024	12,465.37	3.930%	2,892.82	15,358.19
6/30/2025	12,465.37	4.030%	2,396.70	14,862.07
6/30/2026	12,465.37	4.130%	1,888.11	14,353.48
6/30/2027	12,465.37	4.210%	1,368.30	13,833.67
6/30/2028	12,465.37	4.280%	839.14	13,304.51
6/30/2029	13,157.96	4.350%	286.19	13,444.15
	162,742.40		42,342.07	205,084.47

DEBT SERVICE BY SERIES
City of Manchester Airport Bonds (MAN_AIR)
Series 2009A (2009A)
From Mar 31, 2016 to Jun 30, 2045

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2017	2,365,000	5.000%	2,706,156.25	5,071,156.25
6/30/2018	2,440,000	4.000%	2,587,906.25	5,027,906.25
6/30/2019	2,505,000	4.000%	2,490,306.25	4,995,306.25
6/30/2020	2,575,000	4.125%	2,390,106.25	4,965,106.25
6/30/2021	2,645,000	4.250%	2,283,887.50	4,928,887.50
6/30/2022	2,735,000	**	2,171,475.00	4,906,475.00
6/30/2023	2,825,000	**	2,042,756.25	4,867,756.25
6/30/2024	2,925,000	**	1,909,800.00	4,834,800.00
6/30/2025	3,025,000	**	1,772,118.75	4,797,118.75
6/30/2026	3,140,000	**	1,616,262.50	4,756,262.50
6/30/2027	10,460,000	**	1,454,481.25	11,914,481.25
6/30/2028	10,865,000	**	915,556.25	11,780,556.25
6/30/2029	3,390,000	**	355,762.50	3,745,762.50
6/30/2030	3,515,000	**	181,100.00	3,696,100.00
	55,410,000		24,877,675.00	80,287,675.00

DEBT SERVICE BY SERIES
City of Manchester Airport Bonds (MAN_AIR)
Series 2012A (2012A)
From Mar 31, 2016 to Jun 30, 2045

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2017			2,820,856.28	2,820,856.28
6/30/2018			2,820,856.28	2,820,856.28
6/30/2019			2,820,856.28	2,820,856.28
6/30/2020	1,000,000	4.000%	2,820,856.28	3,820,856.28
6/30/2021	6,490,000	5.000%	2,780,856.28	9,270,856.28
6/30/2022	6,820,000	5.000%	2,456,356.28	9,276,356.28
6/30/2023	7,170,000	5.000%	2,115,356.28	9,285,356.28
6/30/2024	7,535,000	5.000%	1,756,856.28	9,291,856.28
6/30/2025	7,930,000	5.000%	1,380,106.28	9,310,106.28
6/30/2026	8,325,000	5.000%	983,606.28	9,308,606.28
6/30/2027	2,100,000	3.750%	567,356.28	2,667,356.28
6/30/2028	2,175,000	4.125%	488,606.28	2,663,606.28
6/30/2029	2,270,000	4.125%	398,887.52	2,668,887.52
6/30/2030	2,365,000	4.125%	305,250.02	2,670,250.02
6/30/2031	2,465,000	4.125%	207,693.76	2,672,693.76
6/30/2032	2,570,000	4.125%	106,012.50	2,676,012.50
	59,215,000		24,830,369.16	84,045,369.16

DEBT SERVICE BY SERIES
City of Manchester Airport Bonds (MAN_AIR)
Series 2012B (2012B)
From Mar 31, 2016 to Jun 30, 2045

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2017	5,320,000	5.000%	1,099,250	6,419,250
6/30/2018	5,600,000	5.000%	833,250	6,433,250
6/30/2019	5,885,000	5.000%	553,250	6,438,250
6/30/2020	5,180,000	5.000%	259,000	5,439,000
	21,985,000		2,744,750	24,729,750

DEBT SERVICE BY SERIES
City of Manchester Airport Bonds (MAN_AIR)
City of Manchester Airport Bank Loan (2013)
From Mar 31, 2016 to Jun 30, 2045

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2016	461,080.89	3.060%	88,577.69	549,658.58
6/30/2017	1,879,958.54	3.060%	318,675.83	2,198,634.37
6/30/2018	1,938,298.98	3.060%	260,335.48	2,198,634.46
6/30/2019	1,998,449.88	3.060%	200,184.42	2,198,634.30
6/30/2020	2,060,467.44	3.060%	138,166.81	2,198,634.25
6/30/2021	2,124,409.57	3.060%	74,224.66	2,198,634.23
6/30/2022	1,269,554.31	3.060%	12,982.40	1,282,536.71
	11,732,219.61		1,093,147.29	12,825,366.90

DEBT SERVICE BY SERIES
City of Manchester Airport Bonds (MAN_AIR)
City of Manchester Airport Bank Loan (2014)
From Mar 31, 2016 to Jun 30, 2045

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2016	5,232.01	2.440%	60,843.14	66,075.15
6/30/2017	21,249.82	2.440%	243,050.76	264,300.58
6/30/2018	21,774.15	2.440%	242,526.39	264,300.54
6/30/2019	22,311.41	2.440%	241,989.08	264,300.49
6/30/2020	22,861.95	2.440%	241,438.52	264,300.47
6/30/2021	23,426.07	2.440%	240,874.32	264,300.39
6/30/2022	346,259.07	2.440%	239,968.99	586,228.06
6/30/2023	1,985,862.50	2.440%	210,004.00	2,195,866.50
6/30/2024	2,034,863.00	2.440%	161,003.16	2,195,866.16
6/30/2025	2,085,072.80	2.440%	110,793.50	2,195,866.30
6/30/2026	2,136,521.40	2.440%	59,344.89	2,195,866.29
6/30/2027	1,270,567.00	2.440%	10,354.96	1,280,921.96
	9,976,001.18		2,062,191.71	12,038,192.89

DEBT SERVICE BY SERIES
City of Manchester Airport Bonds (MAN_AIR)
City of Manchester Airport Bank Loan (2015)
From Mar 31, 2016 to Jun 30, 2045

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2016	18,887.76	2.380%	15,089.22	33,976.98
6/30/2017	76,683.86	2.380%	59,224.01	135,907.87
6/30/2018	78,528.99	2.380%	57,378.88	135,907.87
6/30/2019	80,418.49	2.380%	55,489.31	135,907.80
6/30/2020	82,353.47	2.380%	53,554.36	135,907.83
6/30/2021	84,335.01	2.380%	51,572.87	135,907.88
6/30/2022	7,118.85	2.380%	50,326.40	57,445.25
6/30/2023	412,473.70	2.380%	46,238.12	458,711.82
6/30/2024	460,343.70	2.380%	35,495.28	495,838.98
6/30/2025	471,420.10	2.380%	24,418.76	495,838.86
6/30/2026	482,763.10	2.380%	13,075.70	495,838.80
6/30/2027	286,958.30	2.380%	2,281.06	289,239.36
	2,542,285.33		464,143.97	3,006,429.30

DEBT SERVICE BY SERIES
City of Manchester - General Obligation (MAN_GO)
Refunding Series 2003 B (2003B)
From Mar 31, 2016 to Jun 30, 2045

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2016			189,875	189,875
6/30/2017	2,420,000	5.000%	319,250	2,739,250
6/30/2018	2,400,000	5.000%	198,750	2,598,750
6/30/2019	1,395,000	5.000%	103,875	1,498,875
6/30/2020	1,380,000	5.000%	34,500	1,414,500
	7,595,000		846,250	8,441,250

DEBT SERVICE BY SERIES
City of Manchester - General Obligation (MAN_GO)
2003 C GO Bonds, Taxable (2003C)
From Mar 31, 2016 to Jun 30, 2045

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2016			50,168.75	50,168.75
6/30/2017	95,000	5.750%	97,606.25	192,606.25
6/30/2018	100,000	5.750%	92,000.00	192,000.00
6/30/2019	105,000	5.750%	86,106.25	191,106.25
6/30/2020	110,000	5.750%	79,925.00	189,925.00
6/30/2021	115,000	5.750%	73,456.25	188,456.25
6/30/2022	125,000	5.750%	66,556.25	191,556.25
6/30/2023	130,000	5.750%	59,225.00	189,225.00
6/30/2024	140,000	5.750%	51,462.50	191,462.50
6/30/2025	145,000	5.750%	43,268.75	188,268.75
6/30/2026	155,000	5.750%	34,643.75	189,643.75
6/30/2027	165,000	5.750%	25,443.75	190,443.75
6/30/2028	175,000	5.750%	15,668.75	190,668.75
6/30/2029	185,000	5.750%	5,318.75	190,318.75
	1,745,000		780,850.00	2,525,850.00

DEBT SERVICE BY SERIES
City of Manchester - General Obligation (MAN_GO)
Refunding Series 2004 (2004)
From Mar 31, 2016 to Jun 30, 2045

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2016	1,020,000	5.250%	127,400	1,147,400
6/30/2017	1,020,000	5.250%	201,250	1,221,250
6/30/2018	2,040,000	5.250%	147,700	2,187,700
6/30/2019	1,015,000	4.000%	40,600	1,055,600
	5,095,000		516,950	5,611,950

DEBT SERVICE BY SERIES
City of Manchester - General Obligation (MAN_GO)
Series 2007 (2007)
From Mar 31, 2016 to Jun 30, 2045

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2016	2,310,000	5.000%	405,568.75	2,715,568.75
6/30/2017	2,430,000	5.000%	121,500.00	2,551,500.00
	4,740,000		527,068.75	5,267,068.75

DEBT SERVICE BY SERIES
City of Manchester - General Obligation (MAN_GO)
Series 2010A (Tax-Exempt) (2010A)
From Mar 31, 2016 to Jun 30, 2045

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2016	2,190,000	3.000%	66,600	2,256,600
6/30/2017	2,250,000	3.000%	67,500	2,317,500
	4,440,000		134,100	4,574,100

DEBT SERVICE BY SERIES
City of Manchester - General Obligation (MAN_GO)
Series 2010B (Taxable) BAB's (2010B)
From Mar 31, 2016 to Jun 30, 2045

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2016			293,771.88	293,771.88
6/30/2017			587,543.76	587,543.76
6/30/2018	1,505,000	4.000%	587,543.76	2,092,543.76
6/30/2019	1,550,000	4.250%	527,343.76	2,077,343.76
6/30/2020	1,605,000	4.375%	461,468.76	2,066,468.76
6/30/2021	930,000	4.500%	391,250.00	1,321,250.00
6/30/2022	960,000	4.750%	349,400.00	1,309,400.00
6/30/2023	990,000	4.750%	303,800.00	1,293,800.00
6/30/2024	1,020,000	4.900%	256,775.00	1,276,775.00
6/30/2025	1,050,000	5.000%	206,795.00	1,256,795.00
6/30/2026	550,000	5.000%	154,295.00	704,295.00
6/30/2027	565,000	5.250%	126,795.00	691,795.00
6/30/2028	585,000	5.250%	97,132.50	682,132.50
6/30/2029	600,000	5.400%	66,420.00	666,420.00
6/30/2030	630,000	5.400%	34,020.00	664,020.00
	12,540,000		4,444,354.42	16,984,354.42

DEBT SERVICE BY SERIES
City of Manchester - General Obligation (MAN_GO)
Series 2010C (Tax-Exempt) (2010C)
From Mar 31, 2016 to Jun 30, 2045

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2017	2,095,000	2.000%	195,150	2,290,150
6/30/2018	2,140,000	4.000%	131,400	2,271,400
6/30/2019	2,215,000	4.000%	44,300	2,259,300
	6,450,000		370,850	6,820,850

DEBT SERVICE BY SERIES
City of Manchester - General Obligation (MAN_GO)
Series 2010D (Taxable) BAB's (2010D)
From Mar 31, 2016 to Jun 30, 2045

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2017			204,256.26	204,256.26
6/30/2018			204,256.26	204,256.26
6/30/2019			204,256.26	204,256.26
6/30/2020	1,145,000	4.000%	181,356.26	1,326,356.26
6/30/2021	1,175,000	4.250%	133,487.51	1,308,487.51
6/30/2022	1,205,000	4.375%	82,159.38	1,287,159.38
6/30/2023	1,240,000	4.500%	27,900.00	1,267,900.00
	4,765,000		1,037,671.93	5,802,671.93

DEBT SERVICE BY SERIES
City of Manchester - General Obligation (MAN_GO)
Series 2010E (Taxable) RZB's (2010E)
From Mar 31, 2016 to Jun 30, 2045

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2017			1,683,180.02	1,683,180.02
6/30/2018			1,683,180.02	1,683,180.02
6/30/2019			1,683,180.02	1,683,180.02
6/30/2020			1,683,180.02	1,683,180.02
6/30/2021			1,683,180.02	1,683,180.02
6/30/2022			1,683,180.02	1,683,180.02
6/30/2023			1,683,180.02	1,683,180.02
6/30/2024	1,275,000	4.750%	1,652,898.77	2,927,898.77
6/30/2025	1,310,000	5.000%	1,589,867.52	2,899,867.52
6/30/2026	1,345,000	5.000%	1,523,492.52	2,868,492.52
6/30/2027	1,380,000	5.000%	1,455,367.52	2,835,367.52
6/30/2028	1,420,000	5.150%	1,384,302.52	2,804,302.52
6/30/2029	1,460,000	5.500%	1,307,587.52	2,767,587.52
6/30/2030	1,505,000	5.500%	1,226,050.02	2,731,050.02
6/30/2031	1,550,000	5.500%	1,142,037.52	2,692,037.52
6/30/2032	1,595,000	5.750%	1,053,556.27	2,648,556.27
6/30/2033	1,645,000	5.750%	960,406.27	2,605,406.27
6/30/2034	1,700,000	5.750%	864,237.52	2,564,237.52
6/30/2035	1,750,000	5.750%	765,050.02	2,515,050.02
6/30/2036	1,810,000	5.750%	662,700.02	2,472,700.02
6/30/2037	1,865,000	6.125%	553,546.89	2,418,546.89
6/30/2038	1,925,000	6.125%	437,478.13	2,362,478.13
6/30/2039	1,990,000	6.125%	317,581.25	2,307,581.25
6/30/2040	2,060,000	6.125%	193,550.00	2,253,550.00
6/30/2041	2,130,000	6.125%	65,231.25	2,195,231.25
	29,715,000		28,937,201.67	58,652,201.67

DEBT SERVICE BY SERIES
City of Manchester - General Obligation (MAN_GO)
Refunding Series 2010F (2010F)
From Mar 31, 2016 to Jun 30, 2045

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2016			576,106.25	576,106.25
6/30/2017	2,655,000	5.000%	1,085,837.50	3,740,837.50
6/30/2018	2,655,000	5.000%	953,087.50	3,608,087.50
6/30/2019	2,645,000	5.000%	820,587.50	3,465,587.50
6/30/2020	2,545,000	5.000%	690,837.50	3,235,837.50
6/30/2021	2,550,000	5.000%	563,462.50	3,113,462.50
6/30/2022	2,535,000	4.000%	449,012.50	2,984,012.50
6/30/2023	2,515,000	4.000%	348,012.50	2,863,012.50
6/30/2024	2,490,000	4.000%	247,912.50	2,737,912.50
6/30/2025	1,015,000	4.000%	177,812.50	1,192,812.50
6/30/2026	1,005,000	3.750%	138,668.75	1,143,668.75
6/30/2027	995,000	4.000%	99,925.00	1,094,925.00
6/30/2028	990,000	4.000%	60,225.00	1,050,225.00
6/30/2029	980,000	4.125%	20,212.50	1,000,212.50
	25,575,000		6,231,700.00	31,806,700.00

DEBT SERVICE BY SERIES
City of Manchester - General Obligation (MAN_GO)
Series 2011A (2011A)
From Mar 31, 2016 to Jun 30, 2045

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2017	275,000	2.000%	47,600	322,600
6/30/2018	280,000	3.000%	40,650	320,650
6/30/2019	290,000	3.000%	32,100	322,100
6/30/2020	300,000	3.000%	23,250	323,250
6/30/2021	310,000	3.000%	14,100	324,100
6/30/2022	315,000	3.000%	4,725	319,725
	1,770,000		162,425	1,932,425

DEBT SERVICE BY SERIES
City of Manchester - General Obligation (MAN_GO)
Refunding Series 2011C (2011C)
From Mar 31, 2016 to Jun 30, 2045

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2016			628,650.00	628,650.00
6/30/2017	880,000	4.000%	1,239,700.00	2,119,700.00
6/30/2018	945,000	5.000%	1,198,475.00	2,143,475.00
6/30/2019	1,225,000	5.000%	1,144,225.00	2,369,225.00
6/30/2020	1,305,000	5.000%	1,080,975.00	2,385,975.00
6/30/2021	1,660,000	5.000%	1,006,850.00	2,666,850.00
6/30/2022	1,755,000	5.000%	921,475.00	2,676,475.00
6/30/2023	1,825,000	3.000%	850,225.00	2,675,225.00
6/30/2024	1,890,000	3.000%	794,500.00	2,684,500.00
6/30/2025	1,950,000	3.000%	736,900.00	2,686,900.00
6/30/2026	2,010,000	3.000%	677,500.00	2,687,500.00
6/30/2027	2,075,000	3.000%	616,225.00	2,691,225.00
6/30/2028	2,145,000	3.125%	551,584.38	2,696,584.38
6/30/2029	2,215,000	3.250%	482,075.01	2,697,075.01
6/30/2030	2,290,000	3.375%	407,437.51	2,697,437.51
6/30/2031	2,375,000	3.500%	327,231.26	2,702,231.26
6/30/2032	2,465,000	3.625%	240,990.63	2,705,990.63
6/30/2033	2,570,000	3.750%	148,125.00	2,718,125.00
6/30/2034	2,665,000	3.750%	49,968.75	2,714,968.75
	34,245,000		13,103,112.54	47,348,112.54

DEBT SERVICE BY SERIES
City of Manchester - General Obligation (MAN_GO)
Highway MERF (2013MERF)
From Mar 31, 2016 to Jun 30, 2045

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2017	39,183.05	2.500%	6,257.28	45,440.33
6/30/2018	40,162.63	2.500%	5,277.70	45,440.33
6/30/2019	41,166.70	0.924%	4,273.63	45,440.33
6/30/2020	41,987.34	3.000%	3,893.36	45,880.70
6/30/2021	43,246.96	3.000%	2,633.74	45,880.70
6/30/2022	44,544.37	3.000%	1,336.33	45,880.70
	250,291.05		23,672.04	273,963.09

DEBT SERVICE BY SERIES
City of Manchester - General Obligation (MAN_GO)
General Obligation Bonds 2015A (2015A)
From Mar 31, 2016 to Jun 30, 2045

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2017	1,295,000	5.000%	1,194,962.50	2,489,962.50
6/30/2018	1,365,000	5.000%	1,130,212.50	2,495,212.50
6/30/2019	1,430,000	5.000%	1,061,962.50	2,491,962.50
6/30/2020	1,500,000	3.000%	990,462.50	2,490,462.50
6/30/2021	1,330,000	4.000%	945,462.50	2,275,462.50
6/30/2022	1,385,000	5.000%	892,262.50	2,277,262.50
6/30/2023	1,245,000	5.000%	823,012.50	2,068,012.50
6/30/2024	1,305,000	5.000%	760,762.50	2,065,762.50
6/30/2025	1,370,000	5.000%	695,512.50	2,065,512.50
6/30/2026	1,730,000	3.000%	627,012.50	2,357,012.50
6/30/2027	1,785,000	3.000%	575,112.50	2,360,112.50
6/30/2028	1,840,000	3.000%	521,562.50	2,361,562.50
6/30/2029	1,895,000	3.000%	466,362.50	2,361,362.50
6/30/2030	1,950,000	3.125%	409,512.50	2,359,512.50
6/30/2031	2,010,000	3.125%	348,575.00	2,358,575.00
6/30/2032	2,075,000	3.250%	285,762.50	2,360,762.50
6/30/2033	2,140,000	3.250%	218,325.00	2,358,325.00
6/30/2034	2,210,000	3.250%	148,775.00	2,358,775.00
6/30/2035	2,280,000	3.375%	76,950.00	2,356,950.00
	32,140,000		12,172,562.50	44,312,562.50

DEBT SERVICE BY SERIES
City of Manchester - General Obligation (MAN_GO)
GO Bonds 2015B Taxable (2015B)
From Mar 31, 2016 to Jun 30, 2045

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2017	365,000	3.000%	95,167.50	460,167.50
6/30/2018	375,000	3.000%	84,217.50	459,217.50
6/30/2019	380,000	3.000%	72,967.50	452,967.50
6/30/2020	385,000	3.000%	61,567.50	446,567.50
6/30/2021	315,000	3.000%	50,017.50	365,017.50
6/30/2022	320,000	3.000%	40,567.50	360,567.50
6/30/2023	330,000	3.000%	30,967.50	360,967.50
6/30/2024	340,000	3.000%	21,067.50	361,067.50
6/30/2025	345,000	3.150%	10,867.50	355,867.50
	<u>3,155,000</u>		<u>467,407.50</u>	<u>3,622,407.50</u>

DEBT SERVICE BY SERIES
City of Manchester - General Obligation (MAN_GO)
Refunding Series 2016 (2016)
From Mar 31, 2016 to Jun 30, 2045

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2017			213,328.65	213,328.65
6/30/2018	2,645,000	1.550%	225,215.00	2,870,215.00
6/30/2019	2,850,000	1.550%	184,217.50	3,034,217.50
6/30/2020	2,905,000	1.550%	140,042.50	3,045,042.50
6/30/2021	2,955,000	1.550%	95,015.00	3,050,015.00
6/30/2022	3,175,000	1.550%	49,212.50	3,224,212.50
	14,530,000		907,031.15	15,437,031.15

DEBT SERVICE BY SERIES
City of Manchester POB's (MAN_POB)
Series 2001 Manchester Taxable POB's (2001C)
From Mar 31, 2016 to Jun 30, 2045

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2016	825,000	6.220%	295,139	1,120,139
6/30/2017	800,000	6.220%	538,963	1,338,963
6/30/2018	785,000	6.220%	489,203	1,274,203
6/30/2019	760,000	6.220%	440,376	1,200,376
6/30/2020	725,000	6.220%	393,104	1,118,104
6/30/2021	695,000	6.220%	348,009	1,043,009
6/30/2022	660,000	6.220%	304,780	964,780
6/30/2023	620,000	6.220%	263,728	883,728
6/30/2024	585,000	6.220%	225,164	810,164
6/30/2025	550,000	6.220%	188,777	738,777
6/30/2026	510,000	6.220%	154,567	664,567
6/30/2027	470,000	6.220%	122,845	592,845
6/30/2028	435,000	6.220%	93,611	528,611
6/30/2029	395,000	6.220%	66,554	461,554
6/30/2030	355,000	6.220%	41,985	396,985
6/30/2031	320,000	6.220%	19,904	339,904
	9,490,000		3,986,709	13,476,709

DEBT SERVICE BY SERIES
City of Manchester, School Facility Bonds (MAN_SFB)
Refunding Series 2004 Revenue Bonds (2004)
From Mar 31, 2016 to Jun 30, 2045

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2016	3,880,000	5.500%	1,509,750	5,389,750
6/30/2017	4,000,000	5.500%	2,806,100	6,806,100
6/30/2018	4,215,000	5.500%	2,586,100	6,801,100
6/30/2019	4,450,000	5.500%	2,354,275	6,804,275
6/30/2020	4,695,000	5.500%	2,109,525	6,804,525
6/30/2021	4,950,000	5.500%	1,851,300	6,801,300
6/30/2022	5,225,000	5.500%	1,579,050	6,804,050
6/30/2023	5,515,000	5.500%	1,291,675	6,806,675
6/30/2024	5,745,000	5.500%	988,350	6,733,350
6/30/2025	4,620,000	5.500%	672,375	5,292,375
6/30/2026	2,550,000	5.500%	418,275	2,968,275
6/30/2027	2,535,000	5.500%	278,025	2,813,025
6/30/2028	2,520,000	5.500%	138,600	2,658,600
	54,900,000		18,583,400	73,483,400

DEBT SERVICE BY SERIES
City of Manchester, School Facility Bonds (MAN_SFB)
Refunding Series 2011 Revenue Bonds (2011)
From Mar 31, 2016 to Jun 30, 2045

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2016	95,000	3.000%	239,775.63	334,775.63
6/30/2017	95,000	3.000%	476,701.26	571,701.26
6/30/2018	100,000	3.000%	473,851.26	573,851.26
6/30/2019	105,000	3.000%	470,851.26	575,851.26
6/30/2020	105,000	3.000%	467,701.26	572,701.26
6/30/2021	110,000	3.000%	464,551.26	574,551.26
6/30/2022	50,000	4.000%	461,251.26	511,251.26
6/30/2023	50,000	4.000%	459,251.26	509,251.26
6/30/2024	55,000	4.000%	457,251.26	512,251.26
6/30/2025	1,505,000	4.000%	455,051.26	1,960,051.26
6/30/2026	3,950,000	3.000%	394,851.26	4,344,851.26
6/30/2027	4,225,000	3.125%	276,351.26	4,501,351.26
6/30/2028	4,510,000	3.200%	144,320.00	4,654,320.00
	14,955,000		5,241,759.49	20,196,759.49

DEBT SERVICE BY SERIES
SRF Loans (MAN_SRF)
MWW Drinking Water (2007_SRF)
From Mar 31, 2016 to Jun 30, 2045

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2017	215,972.87	3.270%	37,697.70	253,670.57
6/30/2018	223,035.18	3.270%	30,635.39	253,670.57
6/30/2019	230,328.44	3.270%	23,342.14	253,670.58
6/30/2020	237,860.18	3.270%	15,810.40	253,670.58
6/30/2021	245,638.21	3.270%	8,032.37	253,670.58
	1,152,834.88		115,517.99	1,268,352.87

DEBT SERVICE BY SERIES

SRF Loans (MAN_SRF)

Dewatering (2008SRF2)

From Mar 31, 2016 to Jun 30, 2045

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2017	171,323.08	3.488%	71,708.99	243,032.07
6/30/2018	171,323.08	3.488%	65,733.24	237,056.32
6/30/2019	171,323.08	3.488%	59,757.49	231,080.57
6/30/2020	171,323.08	3.488%	53,781.74	225,104.82
6/30/2021	171,323.08	3.488%	47,805.99	219,129.07
6/30/2022	171,323.08	3.488%	41,830.24	213,153.32
6/30/2023	171,323.08	3.488%	35,854.49	207,177.57
6/30/2024	171,323.08	3.488%	29,878.75	201,201.83
6/30/2025	171,323.08	3.488%	23,903.00	195,226.08
6/30/2026	171,323.08	3.488%	17,927.25	189,250.33
6/30/2027	171,323.08	3.488%	11,951.50	183,274.58
6/30/2028	171,323.09	3.488%	5,975.75	177,298.84
	2,055,876.97		466,108.43	2,521,985.40

DEBT SERVICE BY SERIES

SRF Loans (MAN_SRF)

CBI Phase II #1 (2008SRF3)

From Mar 31, 2016 to Jun 30, 2045

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2017	220,601.64	3.488%	92,335.02	312,936.66
6/30/2018	220,601.64	3.488%	84,640.44	305,242.08
6/30/2019	220,601.64	3.488%	76,945.85	297,547.49
6/30/2020	220,601.64	3.488%	69,251.27	289,852.91
6/30/2021	220,601.64	3.488%	61,556.68	282,158.32
6/30/2022	220,601.64	3.488%	53,862.10	274,463.74
6/30/2023	220,601.64	3.488%	46,167.51	266,769.15
6/30/2024	220,601.64	3.488%	38,472.93	259,074.57
6/30/2025	220,601.64	3.488%	30,778.34	251,379.98
6/30/2026	220,601.64	3.488%	23,083.76	243,685.40
6/30/2027	220,601.64	3.488%	15,389.17	235,990.81
6/30/2028	220,601.70	3.488%	7,694.59	228,296.29
	2,647,219.74		600,177.67	3,247,397.41

DEBT SERVICE BY SERIES

SRF Loans (MAN_SRF)

West Bridge Bremer (2008SRF4)

From Mar 31, 2016 to Jun 30, 2045

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2017	244,097.97	3.488%	102,169.68	346,267.65
6/30/2018	244,097.97	3.488%	93,655.54	337,753.51
6/30/2019	244,097.97	3.488%	85,141.40	329,239.37
6/30/2020	244,097.97	3.488%	76,627.26	320,725.23
6/30/2021	244,097.97	3.488%	68,113.12	312,211.09
6/30/2022	244,097.97	3.488%	59,598.98	303,696.95
6/30/2023	244,097.97	3.488%	51,084.84	295,182.81
6/30/2024	244,097.97	3.488%	42,570.70	286,668.67
6/30/2025	244,097.97	3.488%	34,056.56	278,154.53
6/30/2026	244,097.97	3.488%	25,542.42	269,640.39
6/30/2027	244,097.97	3.488%	17,028.28	261,126.25
6/30/2028	244,097.96	3.488%	8,514.14	252,612.10
	2,929,175.63		664,102.92	3,593,278.55

DEBT SERVICE BY SERIES

SRF Loans (MAN_SRF)

Poor & Schiller CSO (2009_SRF)

From Mar 31, 2016 to Jun 30, 2045

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2016	207,365.86	4.208%	113,437.42	320,803.28
6/30/2017	207,365.86	4.208%	104,711.47	312,077.33
6/30/2018	207,365.86	4.208%	95,985.51	303,351.37
6/30/2019	207,365.86	4.208%	87,259.56	294,625.42
6/30/2020	207,365.86	4.208%	78,533.60	285,899.46
6/30/2021	207,365.86	4.208%	69,807.65	277,173.51
6/30/2022	207,365.86	4.208%	61,081.69	268,447.55
6/30/2023	207,365.86	4.208%	52,355.73	259,721.59
6/30/2024	207,365.86	4.208%	43,629.78	250,995.64
6/30/2025	207,365.86	4.208%	34,903.82	242,269.68
6/30/2026	207,365.86	4.208%	26,177.87	233,543.73
6/30/2027	207,365.86	4.208%	17,451.91	224,817.77
6/30/2028	207,365.91	4.208%	8,725.96	216,091.87
	2,695,756.23		794,061.97	3,489,818.20

DEBT SERVICE BY SERIES
SRF Loans (MAN_SRF)
CRESENT ROAD CSO - SEWER SEPERATOR (2011SRF1)
From Mar 31, 2016 to Jun 30, 2045

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2017	166,075.66	2.864%	66,589.74	232,665.40
6/30/2018	166,075.66	2.864%	61,833.33	227,908.99
6/30/2019	166,075.66	2.864%	57,076.92	223,152.58
6/30/2020	166,075.66	2.864%	52,320.51	218,396.17
6/30/2021	166,075.66	2.864%	47,564.10	213,639.76
6/30/2022	166,075.66	2.864%	42,807.69	208,883.35
6/30/2023	166,075.66	2.864%	38,051.28	204,126.94
6/30/2024	166,075.66	2.864%	33,294.87	199,370.53
6/30/2025	166,075.66	2.864%	28,538.46	194,614.12
6/30/2026	166,075.66	2.864%	23,782.05	189,857.71
6/30/2027	166,075.66	2.864%	19,025.64	185,101.30
6/30/2028	166,075.66	2.864%	14,269.23	180,344.89
6/30/2029	166,075.66	2.864%	9,512.82	175,588.48
6/30/2030	166,075.63	2.864%	4,756.41	170,832.04
	2,325,059.21		499,423.05	2,824,482.26

DEBT SERVICE BY SERIES
SRF Loans (MAN_SRF)
SECONDARY CLARIFIER UPGRADE PROJECT (2011SRF2)
From Mar 31, 2016 to Jun 30, 2045

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2016	136,672.83	2.864%	58,714.65	195,387.48
6/30/2017	136,672.83	2.864%	54,800.34	191,473.17
6/30/2018	136,672.83	2.864%	50,886.03	187,558.86
6/30/2019	136,672.83	2.864%	46,971.72	183,644.55
6/30/2020	136,672.83	2.864%	43,057.41	179,730.24
6/30/2021	136,672.83	2.864%	39,143.10	175,815.93
6/30/2022	136,672.83	2.864%	35,228.79	171,901.62
6/30/2023	136,672.83	2.864%	31,314.48	167,987.31
6/30/2024	136,672.83	2.864%	27,400.17	164,073.00
6/30/2025	136,672.83	2.864%	23,485.86	160,158.69
6/30/2026	136,672.83	2.864%	19,571.55	156,244.38
6/30/2027	136,672.83	2.864%	15,657.24	152,330.07
6/30/2028	136,672.83	2.864%	11,742.93	148,415.76
6/30/2029	136,672.83	2.864%	7,828.62	144,501.45
6/30/2030	136,672.83	2.864%	3,914.31	140,587.14
	2,050,092.45		469,717.20	2,519,809.65

DEBT SERVICE BY SERIES
SRF Loans (MAN_SRF)
PHASE II CSO LONGTERM CONTROL PLAN (2011SRF3)
From Mar 31, 2016 to Jun 30, 2045

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2016	92,094.83	1.790%	8,242.50	100,337.33
6/30/2017	92,094.83	1.790%	6,594.00	98,688.83
6/30/2018	92,094.83	1.790%	4,945.50	97,040.33
6/30/2019	92,094.83	1.790%	3,297.00	95,391.83
6/30/2020	92,094.81	1.790%	1,648.50	93,743.31
	460,474.13		24,727.50	485,201.63

DEBT SERVICE BY SERIES
SRF Loans (MAN_SRF)
COHAS BROOK INTERCEPTOR PHASE II/CONTRACT II (2011SRF4)
From Mar 31, 2016 to Jun 30, 2045

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2017	182,783.10	2.864%	73,288.74	256,071.84
6/30/2018	182,783.10	2.864%	68,053.83	250,836.93
6/30/2019	182,783.10	2.864%	62,818.92	245,602.02
6/30/2020	182,783.10	2.864%	57,584.01	240,367.11
6/30/2021	182,783.10	2.864%	52,349.10	235,132.20
6/30/2022	182,783.10	2.864%	47,114.19	229,897.29
6/30/2023	182,783.10	2.864%	41,879.28	224,662.38
6/30/2024	182,783.10	2.864%	36,644.37	219,427.47
6/30/2025	182,783.10	2.864%	31,409.46	214,192.56
6/30/2026	182,783.10	2.864%	26,174.55	208,957.65
6/30/2027	182,783.10	2.864%	20,939.64	203,722.74
6/30/2028	182,783.10	2.864%	15,704.73	198,487.83
6/30/2029	182,783.10	2.864%	10,469.82	193,252.92
6/30/2030	182,783.08	2.864%	5,234.91	188,017.99
	2,558,963.38		549,665.55	3,108,628.93

DEBT SERVICE BY SERIES
SRF Loans (MAN_SRF)
DRINKING WATER - PENSTOCK (2011SRF5)
From Mar 31, 2016 to Jun 30, 2045

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2016	9,212	2.864%	4,858.33	14,070.33
6/30/2017	9,476	2.864%	4,594.50	14,070.50
6/30/2018	9,747	2.864%	4,323.11	14,070.11
6/30/2019	10,026	2.864%	4,043.96	14,069.96
6/30/2020	10,314	2.864%	3,756.82	14,070.82
6/30/2021	10,609	2.864%	3,461.43	14,070.43
6/30/2022	10,913	2.864%	3,157.59	14,070.59
6/30/2023	11,225	2.864%	2,845.04	14,070.04
6/30/2024	11,547	2.864%	2,523.56	14,070.56
6/30/2025	11,877	2.864%	2,192.85	14,069.85
6/30/2026	12,218	2.864%	1,852.69	14,070.69
6/30/2027	12,567	2.864%	1,502.77	14,069.77
6/30/2028	12,928	2.864%	1,142.85	14,070.85
6/30/2029	13,298	2.864%	772.59	14,070.59
6/30/2030	13,678	2.864%	391.74	14,069.74
	169,635		41,419.83	211,054.83

DEBT SERVICE BY SERIES
SRF Loans (MAN_SRF)
DRINKING WATER- LYNCHVILLE/DANIS PARK (2011SRF6)
From Mar 31, 2016 to Jun 30, 2045

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2017	34,859.00	2.864%	18,384.49	53,243.49
6/30/2018	35,857.00	2.864%	17,386.12	53,243.12
6/30/2019	36,884.00	2.864%	16,359.18	53,243.18
6/30/2020	37,941.00	2.864%	15,302.82	53,243.82
6/30/2021	39,027.00	2.864%	14,216.19	53,243.19
6/30/2022	40,145.00	2.864%	13,098.46	53,243.46
6/30/2023	41,295.00	2.864%	11,948.70	53,243.70
6/30/2024	42,478.00	2.864%	10,766.02	53,244.02
6/30/2025	43,694.00	2.864%	9,549.45	53,243.45
6/30/2026	44,946.00	2.864%	8,298.05	53,244.05
6/30/2027	46,233.00	2.864%	7,010.80	53,243.80
6/30/2028	47,557.00	2.864%	5,686.68	53,243.68
6/30/2029	48,919.00	2.864%	4,324.65	53,243.65
6/30/2030	50,320.00	2.864%	2,923.61	53,243.61
6/30/2031	51,761.38	2.864%	1,482.45	53,243.83
	641,916.38		156,737.66	798,654.04

DEBT SERVICE BY SERIES
SRF Loans (MAN_SRF)
COHAS BROOK INTERCEPTOR PHASE II/CONTRACT III (2011SRF7)
From Mar 31, 2016 to Jun 30, 2045

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2017	110,000	3.104%	51,216.00	161,216.00
6/30/2018	110,000	3.104%	47,801.60	157,801.60
6/30/2019	110,000	3.104%	44,387.20	154,387.20
6/30/2020	110,000	3.104%	40,972.80	150,972.80
6/30/2021	110,000	3.104%	37,558.40	147,558.40
6/30/2022	110,000	3.104%	34,144.00	144,144.00
6/30/2023	110,000	3.104%	30,729.60	140,729.60
6/30/2024	110,000	3.104%	27,315.20	137,315.20
6/30/2025	110,000	3.104%	23,900.80	133,900.80
6/30/2026	110,000	3.104%	20,486.40	130,486.40
6/30/2027	110,000	3.104%	17,072.00	127,072.00
6/30/2028	110,000	3.104%	13,657.60	123,657.60
6/30/2029	110,000	3.104%	10,243.20	120,243.20
6/30/2030	110,000	3.104%	6,828.80	116,828.80
6/30/2031	110,000	3.104%	3,414.40	113,414.40
	1,650,000		409,728.00	2,059,728.00

DEBT SERVICE BY SERIES

SRF Loans (MAN_SRF)

Incinerator Upgrade (2012SRF1)

From Mar 31, 2016 to Jun 30, 2045

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2016	143,750	3.104%	71,392	215,142
6/30/2017	143,750	3.104%	66,930	210,680
6/30/2018	143,750	3.104%	62,468	206,218
6/30/2019	143,750	3.104%	58,006	201,756
6/30/2020	143,750	3.104%	53,544	197,294
6/30/2021	143,750	3.104%	49,082	192,832
6/30/2022	143,750	3.104%	44,620	188,370
6/30/2023	143,750	3.104%	40,158	183,908
6/30/2024	143,750	3.104%	35,696	179,446
6/30/2025	143,750	3.104%	31,234	174,984
6/30/2026	143,750	3.104%	26,772	170,522
6/30/2027	143,750	3.104%	22,310	166,060
6/30/2028	143,750	3.104%	17,848	161,598
6/30/2029	143,750	3.104%	13,386	157,136
6/30/2030	143,750	3.104%	8,924	152,674
6/30/2031	143,750	3.104%	4,462	148,212
	2,300,000		606,832	2,906,832

DEBT SERVICE BY SERIES

SRF Loans (MAN_SRF)

ARRA Loan Radio (2012SRF2)

From Mar 31, 2016 to Jun 30, 2045

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2017	36,000.80	1.940%	4,399.07	40,399.87
6/30/2018	36,699.22	1.940%	3,700.65	40,399.87
6/30/2019	37,411.19	1.940%	2,988.69	40,399.88
6/30/2020	38,136.96	1.940%	2,262.91	40,399.87
6/30/2021	38,876.83	1.940%	1,523.05	40,399.88
6/30/2022	39,631.03	1.940%	768.84	40,399.87
	226,756.03		15,643.21	242,399.24

DEBT SERVICE BY SERIES
SRF Loans (MAN_SRF)
Cohas Interc Phase III (2012SRF3)
From Mar 31, 2016 to Jun 30, 2045

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2017	267,655.82	2.720%	116,483.84	384,139.66
6/30/2018	267,655.82	2.720%	109,203.60	376,859.42
6/30/2019	267,655.82	2.720%	101,923.36	369,579.18
6/30/2020	267,655.82	2.720%	94,643.12	362,298.94
6/30/2021	267,655.82	2.720%	87,362.88	355,018.70
6/30/2022	267,655.82	2.720%	80,082.64	347,738.46
6/30/2023	267,655.82	2.720%	72,802.40	340,458.22
6/30/2024	267,655.82	2.720%	65,522.16	333,177.98
6/30/2025	267,655.82	2.720%	58,241.92	325,897.74
6/30/2026	267,655.82	2.720%	50,961.68	318,617.50
6/30/2027	267,655.82	2.720%	43,681.44	311,337.26
6/30/2028	267,655.82	2.720%	36,401.20	304,057.02
6/30/2029	267,655.82	2.720%	29,120.96	296,776.78
6/30/2030	267,655.82	2.720%	21,840.72	289,496.54
6/30/2031	267,655.82	2.720%	14,560.48	282,216.30
6/30/2032	267,655.74	2.720%	7,280.24	274,935.98
	4,282,493.04		990,112.64	5,272,605.68

DEBT SERVICE BY SERIES

SRF Loans (MAN_SRF)

2004 Landfill (LANDFILL)

From Mar 31, 2016 to Jun 30, 2045

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2017	661,058.30	3.728%	197,154.00	858,212.30
6/30/2018	661,058.30	3.728%	172,509.75	833,568.05
6/30/2019	661,058.30	3.728%	147,865.50	808,923.80
6/30/2020	661,058.30	3.728%	123,221.25	784,279.55
6/30/2021	661,058.30	3.728%	98,577.00	759,635.30
6/30/2022	661,058.30	3.728%	73,932.75	734,991.05
6/30/2023	661,058.30	3.728%	49,288.50	710,346.80
6/30/2024	661,058.30	3.728%	24,644.25	685,702.55
	5,288,466.40		887,193.00	6,175,659.40

	Principal	Interest	Debt Service
Grand Total	465,470,516.64	162,137,024.13	627,607,540.77



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