

CITY OF MANCHESTER
NEW HAMPSHIRE



QUARTERLY TREASURER'S
REPORT

PERIOD ENDING

September 30, 2019

(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 SEPTEMBER 30, 2019**

	GENERAL	SPECIAL	CAPITAL	EPD	WATER	AVIATION	PARKING	TOTALS
<u>June 30, 2019</u>	\$97,966,264.22	\$5,905,474.75	(\$2,951,360.24)	\$6,659,963.18	\$22,319,018.27	\$38,808,534.64	\$106,182.12	\$168,814,076.94
Disbursements	(59,942,680.39)	(886,910.66)	(9,680,947.60)	(3,633,889.14)	(7,173,685.17)	(7,197,663.17)	(195,035.35)	(\$88,710,811.48)
Receipts	58,203,597.97	24,180.98	6,768,065.04	1,889,921.49	4,478,832.43	4,991,010.21	487,700.45	\$76,843,308.57
<u>July 31, 2019</u>	96,227,181.80	5,042,745.07	(5,864,242.80)	4,915,995.53	19,624,165.53	36,601,881.68	398,847.22	\$156,946,574.03
Disbursements	(35,721,002.11)	(241,133.65)	(2,653,997.64)	(2,554,816.84)	(2,566,661.27)	(5,078,533.31)	(177,157.01)	(\$48,993,301.83)
Receipts	25,379,949.28	36,124.22	553,387.87	2,064,211.33	1,960,655.70	5,422,111.44	533,511.74	\$35,949,951.58
<u>August 31, 2019</u>	85,886,128.97	4,837,735.64	(7,964,852.57)	4,425,390.02	19,018,159.96	36,945,459.81	755,201.95	\$143,903,223.78
Disbursements	(45,478,863.05)	(208,274.36)	(3,840,395.19)	(2,284,968.29)	(3,032,975.20)	(8,898,274.97)	(233,957.18)	(\$63,977,708.24)
Receipts	14,309,863.47	20,491.83	727,068.28	2,038,648.80	2,241,718.84	6,647,287.97	528,615.81	\$26,513,695.00
<u>September 30, 2019</u>	54,717,129.39	4,649,953.11	(11,078,179.48)	4,179,070.53	18,226,903.60	34,694,472.81	1,049,860.58	\$106,439,210.54

CITY OF MANCHESTER, NEW HAMPSHIRE
STATEMENT OF CASH BALANCES
As of September 30, 2019

Bank	Account Purpose	Account Balance
Bank of America	General Fund	\$ 6,490.92
Citizens Bank	HUD - CDBG	10.00
Citizens Bank	HUD "HOME" Program	10.00
		\$ 6,510.92

**CITY OF MANCHESTER, NEW HAMPSHIRE
STATEMENT OF INTEREST INCOME
As of September 30,2019**

	REVENUE BUDGET	REVENUE RECOGNIZED	UNRECOGNIZED BALANCE	PERCENTAGE UNRECOGNIZED
2020	1,040,000	391,923	648,077	62.32%
2019	900,000	246,313	653,687	72.63%

**CONSOLIDATED STATEMENT OF EARNINGS
FOR ALL FUNDS**

General Fund	\$ 391,923
Capital Projects - Bond Proceeds 2007	1,547
Capital Projects - Bond Proceeds 2010A	540
Capital Projects - Bond Proceeds 2010B	39
Capital Projects - Bond Proceeds 2010C, D, E, & F	45
EPD	24,412
EPD Replacement Account	4,671
Aviation	166,915
Aviation - PFC'S	3,460
Water	28,903
Water-MSDP	91,368
Impact Fees (School, Hackett, Fire-Bodwell, Residential, and Non-Reside	3,377
Housing Initiatives	3,724
Revolving Loan	2,857
Parking	3,032
MDC	14,150
Grand Total for all Funds	\$ 740,962

CITY OF MANCHESTER, NEW HAMPSHIRE
STATEMENT OF RESTRICTED CASH
As of September 30, 2019

GENERAL GOVERNMENT

COHAS BROOK ASSOC.	\$ 97,000.00
LIBRARY FINES	74,108.45
POLICE EVIDENCE MONEY	41,171.13
OYS ALCOHOL EDUCATION & YES PROGRAM	2,644.93
OYS RESTITUTION	945.33
MEDIA ONE	250.00
LEDA AVE ROAD IMPROVEMENT	8,000.00
PIPELINE EASEMENTS	27,000.00
ESCROW - PERFORMANCE BONDS:	
STOP & SHOP	24,920.13
STONE TERRACE APTS	3,770.40
CUMBLESTONE HOLDINGS LLC	12,287.45
MOORE BUSINESS FORMS	5,008.46
RAPHAEL'S SOCIAL CLUB	622.93
BLL RESTAURANT SECURITY DEPOSIT	12,952.55
E.D. SWETT	34,719.87
YORGO FOODS	2,777.39
WORLD WAR II MEMORIAL	14,862.81
AIR PARK/HACKETT HILL	667,187.17
NW BUSINESS PARK/HACKETT HILL	782,022.62
VOPAR	52,836.04
MPTS - EQUIP	175,670.23
WILLIAM TONER, LLC	26,321.65
ONE WALL STREET, LLC	7,366.06
ORGANIZATION FOR REFUGEE & IMMIGRATION	525.99
DPMP PROPERTIES	5,172.86
NH GOLD STAR MOTHERS	2,948.67
PELOQUIN REALTY	10,519.93
S. MICHAUD	525.99
MUNI COMPLEX COMMEMORATION	383.62
CHESTER WOODS (HILL)	525.99
HAMPSHIRE VENTURES	5,132.35
RED FALL LLC	5,239.63
39 BREMER STREET, LLC	5,222.67
MILLYARD VENTURES	10,315.08
SIGNATURE HOMES, LLC	10,219.47
BEDFORD LOT VENTURES, LLC	5,092.37
BEDFORD STREET FUNDING AGREEMENT	1,522,840.62
BMT CONSTRUCTION	28,335.98
SIRRON DEVELOPMENT	49,454.97
SUBSTANCE ABUSE TESTING	59,885.00
VACCINE AND HEALTH PROGRAM	27,971.74
ART FUND	21,765.59
HATM BULL SCULPTURE	7,945.39
EXTRA DETAIL REVOLVING FUND	50,819.98
REV FUND SPECIAL RESERVE OFFICERS	87,143.24
OYS MAYORS YOUTH ADVISORY COUNCIL	460.34
REV FUND SCHOOL NURSES CPR PROGRAM	3,537.68
GIS ONLINE MAPS	10,407.36

SPECIAL REVENUE FUND

REVOLVING LOAN	535,897.83
HOUSING INITIATIVES / AFFORDABLE HOUSING	702,804.07
NH-PDIP RESTRICTED ESCROW DEPOSITS	41,009.82
IMPACT FEES - SCHOOL & FIRE	732,975.89
CIVIC CENTER - CAPITAL IMPROVEMENTS	341,271.65
ARTS & CULTURAL EVENTS	271.55
ENERGY EFFICIENCY LOANS	7,479.36

BASEBALL

BASEBALL STADIUM CAPITAL RESERVE	251,141.62
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Page 1 Subtotal \$6,611,744.51

CITY OF MANCHESTER, NEW HAMPSHIRE
STATEMENT OF RESTRICTED CASH
As of September 30, 2019

ENTERPRISE FUND - EPD

CONTRACTORS RETAINAGE PAYABLE:	
GREEN MOUNTAIN PIPELINE	\$ 126,253.48
METHUEN CONSTRUCTION	157,138.54
TOWN OF GOFFSTOWN - CAP PROJ	162,613.91
INDUSTRIAL FURNACE	262,158.40
GVC CONSTRUCTION	349,813.65
EPD REPLACEMENT ACCOUNT	879,614.04

ENTERPRISE FUND - WATER

WATER-MSDC	16,396,114.84
NH PDIP CASH INS RESERVE	5,399,929.08

ENTERPRISE FUND-AVIATION

DEBT SERVICE FUND - 2012	5,515,642.87
BOND RESERVE FUND - 2012	7,685,174.06
DEBT SERVICE FUND - 2013	183,219.53
DEBT SERVICE FUND - 2014	22,025.00
DEBT SERVICE FUND - 2015	11,325.65
DEBT SERVICE FUND - 2018	2,809,820.98
BOND RESERVE FUND - 2018	6,880,152.38
RESTRICTED CASH O&M	8,832,000.00
PASSENGER FACILITY CHARGES	1,769,296.92
RENEWAL & REPLACEMENT FUND	250,000.00
SECURITY DEPOSITS	40,451.95

ENTERPRISE FUND-PARKING

MANCHESTER PLACE	78,960.73
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Page 2 Subtotal \$57,811,706.01

Grand Total **\$64,423,450.52**

**CITY OF MANCHESTER, NEW HAMPSHIRE
STATEMENT OF INDEBTEDNESS
As of September 30, 2019**

GENERAL GOVERNMENT

Baseball Stadium Construction and Gill Stadium Repairs	\$ 13,624,332.71
Bridge Construction & Repairs	395,279.05
Communications	5,242,134.00
Data Processing	1,806,622.35
Fire	2,659,670.39
Granite Street - 80% - Urban Renewal	132,035.52
Hands Across The Merrimack	74,967.15
Highway	26,366,347.65
Landfill Closure Project	2,681,953.32
Library	470,448.00
Motorized Equipment	12,262,710.97
Neighborhood Revitalization	59,973.12
Pension Obligation Bonds	5,884,903.27
Police	1,030,118.00
Public Safety Complex	28,694,926.75
Recreation	7,992,051.80
Renovations City Buildings	6,612,343.34
Revaluation	419,643.00
Senior Center	452,686.68
Sewer Drainage	619,958.88
UNH Land Acquisition	205,531.91

TOTAL GENERAL GOVERNMENT **\$ 117,688,637.86**

ENTERPRISE FUND

Aviation	127,537,334.29
EPD	39,224,078.03
MWW	45,243,681.74
MWW Pension Obligation Bonds	435,096.73
Parking Facilities - Parking	1,084,546.72

TOTAL ENTERPRISE FUND **\$ 213,524,737.51**

SCHOOL

School Constr & Improvement	78,530,411.41
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TOTAL SCHOOL **\$ 78,530,411.41**

SPECIAL PROJECTS - HUD SECTION 108 GRANTS

788 Elm Street	255,110.76
20 Concord Street	121,008.32
NH Institute of Art	112,880.92

TOTAL SPECIAL PROJECTS - HUD 108 GRANTS **\$ 489,000.00**

TOTAL ALL CITY INDEBTEDNESS **\$ 410,232,786.78**

**CITY OF MANCHESTER, NEW HAMPSHIRE
CURRENT OUTSTANDING INVESTMENTS
AS OF SEPTEMBER 30, 2019
Unaudited**

DATE INVESTED	MATURITY DATE	RATE	AMOUNT	BANK	INSTRUMENT
GENERAL FUND/SPECIAL PROJECTS					
6/26/2019	10/30/2019	2.01%	(10,115,234.24)	CITIZENS	CASH MGT ACCOUNT
		1.99%	2,225,588.41	NH-PDIP	INVESTMENT POOL
		1.46%	609,846.56	BANK OF AMERICA	INVESTMENT
		1.35%	4,983.39	BANK OF NH	INVESTMENT
		1.51%	12,346.28	CENTURY	INVESTMENT
		2.25%	10,225,167.43	FRANKLIN SAVINGS	CDARS
		2.15%	5,015,642.14	NEWBURYPORT BANK	INVESTMENT
		2.07%	10,277,311.67	SANTANDER	INVESTMENT
		2.17%	20,785,403.17	TD BANK	INVESTMENT
		2.07%	10,508,672.03	PEOPLE'S UNITED	INVESTMENT
		2.51%	5,161,091.63	PRIMARY BANK	CDARS
CAPITAL PROJECTS					
		2.01%	(14,496,148.85)	CITIZENS	CASH MGT ACCOUNT
		0.75%	767,689.08	CITIZENS	SERIES 2007 BOND FUND
		0.75%	281,906.50	CITIZENS	SERIES 2010 BOND FUND
		0.70%	377,607.74	CITIZENS	SERIES 2015 BOND FUND
		2.10%	1,918,896.99	CITIZENS	SERIES 2018 BOND FUND
		0.25%	70,388.11	TD BANK	SERIES 2010 BOND FUND
		0.25%	1,480.95	TD BANK	SERIES 2011 BOND FUND
AVIATION					
		2.01%	27,257,590.92	CITIZENS	CASH MGT ACCOUNT
		0.70%	1,769,296.92	CITIZENS-PFC's	RESTRICTED FUNDS
		1.51%	5,165,708.97	CENTURY BANK	INVESTMENT
		1.99%	251,876.00	NH-PDIP	INVESTMENT POOL
		1.99%	250,000.00	NH-PDIP	INVESTMENT POOL
EPD					
		2.01%	3,237,951.12	CITIZENS	CASH MGT ACCOUNT
EPD CAPITAL PROJECTS					
		1.99%	879,614.04	NH-PDIP	INVESTMENT POOL
EPD REPLACEMENT					
		1.99%	61,505.37	NH-PDIP	INVESTMENT POOL
WATER					
		2.01%	1,830,788.76	CITIZENS	CASH MGT ACCOUNT
WATER-MSDC					
		1.99%	16,396,114.84	NH-PDIP	INVESTMENT POOL
PARKING					
		2.01%	1,044,448.16	CITIZENS	CASH MGT ACCOUNT
		0.75%	5,412.42	CITIZENS	SERIES 2010 BOND FUND
IMPACT FEES					
		1.99%	507,933.72	* SCHOOL	INVESTMENT POOL
		1.99%	27,719.42	* FIRE	INVESTMENT POOL
		1.99%	41,121.95	* HACKETT HILL	INVESTMENT POOL
		1.99%	43,637.80	* FIRE RES	INVESTMENT POOL
		1.99%	112,563.00	* FIRE NON RES	INVESTMENT POOL
HOUSING INITIATIVES					
		1.99%	702,804.07	NH-PDIP	INVESTMENT POOL
REVOLVING LOAN					
		1.99%	535,897.83	* NH-PDIP	INVESTMENT POOL
ENERGY LOAN					
		1.99%	7,479.36	* NH-PDIP	INVESTMENT POOL
CIVIC CENTER ROYALTIES					
		0.85%	341,271.65	CITIZENS	CAP IMPROVEMENT ACCT
		1.99%	271.55	NH-PDIP	INVESTMENT POOL
MDC					
		2.01%	2,448,414.88	CITIZENS	CASH MGT ACCOUNT
HUD SECTION 108					
		2.01%	(119,362.12)	* CITIZENS	CHECKING ACCOUNT
			106,432,699.62		

CITIZENS Bank	REPOS	11,549,082.40	
	CHECKING	(119,362.12)	
	PFC's	1,769,296.92	
	2007 BOND FUND	767,689.08	
	2010 BOND FUND	287,318.92	
	2015 BOND FUND	377,607.74	
	2018 BOND FUND	1,918,896.99	16,550,529.93
Bank of America	T-BILLS	609,846.56	609,846.56
Bank of New Hampshire	SHORT TERM INVESTMENT	4,983.39	
Century Bank	SHORT TERM INVESTMENT	5,178,055.25	
Franklin Savings Bank	SHORT TERM INVESTMENT	10,225,167.43	
People's United Bank	SHORT TERM INVESTMENT	10,508,672.03	
Primary Bank	SHORT TERM INVESTMENT	5,161,091.63	
Santander	SHORT TERM INVESTMENT	10,277,311.67	
TD Bank	SHORT TERM INVESTMENT	20,785,403.17	62,140,684.57
Newburyport Bank	SHORT TERM INVESTMENT	5,015,642.14	
TD Bank	2010 BOND FUND	70,388.11	
	2011 BOND FUND	1,480.95	
			71,869.06
NH-PDIP	Restricted	1,979,428.70	
NH-PDIP		20,064,698.66	22,044,127.36
TOTAL T BILLS		609,846.56	
TOTAL REPOS		11,549,082.40	
SHORT TERM INVESTMENT		67,156,326.71	
CHECKING		(119,362.12)	
PFC's		1,769,296.92	
NH-PDIP		22,044,127.36	
2007 BOND FUND		767,689.08	
2010 BOND FUND		357,707.03	
2011 BOND FUND		1,480.95	
2015 BOND FUND		377,607.74	
2018 BOND FUND		1,918,896.99	
			106,432,699.62

DEBT SERVICE
Section 108 Loans (MAN_108)
788 Elm Street (788_ELM2)
As of Sep 30, 2019 through Maturity

<u>Period Ending</u>	<u>Principal</u>	<u>Coupon</u>	<u>Interest</u>	<u>Debt Service</u>
6/30/2020			5,093.69	5,093.69
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%	6,537.72	34,709.47
6/30/2025	28,171.75	4.030%	5,416.48	33,588.23
6/30/2026	28,171.75	4.130%	4,267.08	32,438.83
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
	<u>255,110.76</u>		<u>52,981.18</u>	<u>308,091.94</u>

DEBT SERVICE
Section 108 Loans (MAN_108)
20 Concord Street (CONCORD2)
As of Sep 30, 2019 through Maturity

<u>Period Ending</u>	<u>Principal</u>	<u>Coupon</u>	<u>Interest</u>	<u>Debt Service</u>
6/30/2020			2,416.12	2,416.12
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%	2,024.03	15,386.91
6/30/2027	13,362.88	4.210%	1,466.80	14,829.68
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
	121,008.32		25,130.92	146,139.24

DEBT SERVICE
Section 108 Loans (MAN_108)
NH Institute of Art (NH_ART2)
As of Sep 30, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2020			2,253.84	2,253.84
6/30/2021	12,465.37	3.430%	4,293.90	16,759.27
6/30/2022	12,465.37	3.730%	3,847.64	16,313.01
6/30/2023	12,465.37	3.830%	3,376.45	15,841.82
6/30/2024	12,465.37	3.930%	2,892.80	15,358.17
6/30/2025	12,465.37	4.030%	2,396.68	14,862.05
6/30/2026	12,465.37	4.130%	1,888.09	14,353.46
6/30/2027	12,465.37	4.210%	1,368.28	13,833.65
6/30/2028	12,465.37	4.280%	839.13	13,304.50
6/30/2029	13,157.96	4.350%	286.19	13,444.15
	112,880.92		23,443.00	136,323.92

DEBT SERVICE
City of Manchester Airport Bonds (MAN_AIR)
Series 2012A (2012A)
As of Sep 30, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2020	1,000,000	4.000%	1,410,428.13	2,410,428.13
6/30/2021	6,490,000	5.000%	2,780,856.26	9,270,856.26
6/30/2022	6,820,000	5.000%	2,456,356.26	9,276,356.26
6/30/2023	7,170,000	5.000%	2,115,356.26	9,285,356.26
6/30/2024	7,535,000	5.000%	1,756,856.26	9,291,856.26
6/30/2025	7,930,000	5.000%	1,380,106.26	9,310,106.26
6/30/2026	8,325,000	5.000%	983,606.26	9,308,606.26
6/30/2027	2,100,000	3.750%	567,356.26	2,667,356.26
6/30/2028	2,175,000	4.125%	488,606.26	2,663,606.26
6/30/2029	2,270,000	4.125%	398,887.50	2,668,887.50
6/30/2030	2,365,000	4.125%	305,250.00	2,670,250.00
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		14,957,371.97	74,172,371.97

DEBT SERVICE
City of Manchester Airport Bonds (MAN_AIR)
Series 2012B (2012B)
As of Sep 30, 2019 through Maturity

<u>Period Ending</u>	<u>Principal</u>	<u>Coupon</u>	<u>Interest</u>	<u>Debt Service</u>
6/30/2020	5,180,000	5.000%	129,500	5,309,500
	5,180,000		129,500	5,309,500

DEBT SERVICE

City of Manchester Airport Bonds (MAN_AIR)

City of Manchester Airport Bank Loan (2013)

As of Sep 30, 2019 through Maturity

<u>Period Ending</u>	<u>Principal</u>	<u>Coupon</u>	<u>Interest</u>	<u>Debt Service</u>
6/30/2020	1,551,238.90	3.060%	97,736.94	1,648,975.84
6/30/2021	2,124,409.57	3.060%	74,224.85	2,198,634.42
6/30/2022	1,269,554.31	3.060%	12,982.43	1,282,536.74
	<u>4,945,202.78</u>		<u>184,944.22</u>	<u>5,130,147.00</u>

DEBT SERVICE

City of Manchester Airport Bonds (MAN_AIR)

City of Manchester Airport Bank Loan (2014)

As of Sep 30, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2020	17,198.60	2.440%	181,026.39	198,224.99
6/30/2021	23,426.07	2.440%	240,873.92	264,299.99
6/30/2022	346,259.07	2.440%	239,968.60	586,227.67
6/30/2023	1,985,862.50	2.440%	210,003.62	2,195,866.12
6/30/2024	2,034,863.00	2.440%	161,003.01	2,195,866.01
6/30/2025	2,085,072.80	2.440%	110,793.28	2,195,866.08
6/30/2026	2,136,521.40	2.440%	59,344.69	2,195,866.09
6/30/2027	1,270,567.00	2.440%	10,354.93	1,280,921.93
	9,899,770.44		1,213,368.44	11,113,138.88

DEBT SERVICE
City of Manchester Airport Bonds (MAN_AIR)
City of Manchester Airport Bank Loan (2015)
As of Sep 30, 2019 through Maturity

<u>Period Ending</u>	<u>Principal</u>	<u>Coupon</u>	<u>Interest</u>	<u>Debt Service</u>
6/30/2020	61,948.31	2.380%	39,982.57	101,930.88
6/30/2021	84,335.01	2.380%	51,572.82	135,907.83
6/30/2022	7,118.85	2.380%	50,326.39	57,445.24
6/30/2023	412,473.70	2.380%	46,238.07	458,711.77
6/30/2024	460,343.70	2.380%	35,495.32	495,839.02
6/30/2025	471,420.10	2.380%	24,418.83	495,838.93
6/30/2026	482,763.10	2.380%	13,075.83	495,838.93
6/30/2027	286,958.30	2.380%	2,281.05	289,239.35
	<u>2,267,361.07</u>		<u>263,390.88</u>	<u>2,530,751.95</u>

DEBT SERVICE
City of Manchester Airport Bonds (MAN_AIR)
City of Manchester Airport Bank Loan (2018)
As of Sep 30, 2019 through Maturity

<u>Period Ending</u>	<u>Principal</u>	<u>Coupon</u>	<u>Interest</u>	<u>Debt Service</u>
6/30/2020	3,180,000	3.440%	791,716	3,971,716
6/30/2021	2,635,000	3.440%	1,474,040	4,109,040
6/30/2022	2,705,000	3.440%	1,383,396	4,088,396
6/30/2023	2,755,000	3.440%	1,290,344	4,045,344
6/30/2024	2,820,000	3.440%	1,195,572	4,015,572
6/30/2025	2,880,000	3.440%	1,098,564	3,978,564
6/30/2026	2,935,000	3.440%	999,492	3,934,492
6/30/2027	10,195,000	3.440%	898,528	11,093,528
6/30/2028	10,410,000	3.440%	547,820	10,957,820
6/30/2029	2,735,000	3.440%	189,716	2,924,716
6/30/2030	2,780,000	3.440%	95,632	2,875,632
	<u>46,030,000</u>		<u>9,964,820</u>	<u>55,994,820</u>

DEBT SERVICE

City of Manchester - General Obligation (MAN_GO)

Refunding Series 2003 B (2003B)

As of Sep 30, 2019 through Maturity

<u>Period Ending</u>	<u>Principal</u>	<u>Coupon</u>	<u>Interest</u>	<u>Debt Service</u>
6/30/2020	1,380,000	5.000%	34,500	1,414,500
	1,380,000		34,500	1,414,500

DEBT SERVICE
City of Manchester - General Obligation (MAN_GO)
2003 C GO Bonds, Taxable (2003C)
As of Sep 30, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
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
	1,445,000		454,968.75	1,899,968.75

DEBT SERVICE
City of Manchester - General Obligation (MAN_GO)
Series 2010B (Taxable) BAB's (2010B)
As of Sep 30, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
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
	9,485,000		2,448,151.26	11,933,151.26

DEBT SERVICE
City of Manchester - General Obligation (MAN_GO)
Series 2010D (Taxable) BAB's (2010D)
As of Sep 30, 2019 through Maturity

<u>Period Ending</u>	<u>Principal</u>	<u>Coupon</u>	<u>Interest</u>	<u>Debt Service</u>
6/30/2020			79,228.13	79,228.13
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
	<u>3,620,000</u>		<u>322,775.02</u>	<u>3,942,775.02</u>

DEBT SERVICE
City of Manchester - General Obligation (MAN_GO)
Series 2010E (Taxable) RZB's (2010E)
As of Sep 30, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2020			841,590.00	841,590.00
6/30/2021			1,683,180.00	1,683,180.00
6/30/2022			1,683,180.00	1,683,180.00
6/30/2023			1,683,180.00	1,683,180.00
6/30/2024	1,275,000	4.750%	1,652,898.75	2,927,898.75
6/30/2025	1,310,000	5.000%	1,589,867.50	2,899,867.50
6/30/2026	1,345,000	5.000%	1,523,492.50	2,868,492.50
6/30/2027	1,380,000	5.000%	1,455,367.50	2,835,367.50
6/30/2028	1,420,000	5.150%	1,384,302.50	2,804,302.50
6/30/2029	1,460,000	5.500%	1,307,587.50	2,767,587.50
6/30/2030	1,505,000	5.500%	1,226,050.00	2,731,050.00
6/30/2031	1,550,000	5.500%	1,142,037.50	2,692,037.50
6/30/2032	1,595,000	5.750%	1,053,556.25	2,648,556.25
6/30/2033	1,645,000	5.750%	960,406.25	2,605,406.25
6/30/2034	1,700,000	5.750%	864,237.50	2,564,237.50
6/30/2035	1,750,000	5.750%	765,050.00	2,515,050.00
6/30/2036	1,810,000	5.750%	662,700.00	2,472,700.00
6/30/2037	1,865,000	6.125%	553,546.88	2,418,546.88
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		23,046,071.26	52,761,071.26

DEBT SERVICE
City of Manchester - General Obligation (MAN_GO)
Refunding Series 2010F (2010F)
As of Sep 30, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
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
	17,620,000		2,796,081.25	20,416,081.25

DEBT SERVICE
City of Manchester - General Obligation (MAN_GO)
Series 2011A (2011A)
As of Sep 30, 2019 through Maturity

<u>Period Ending</u>	<u>Principal</u>	<u>Coupon</u>	<u>Interest</u>	<u>Debt Service</u>
6/30/2020			9,375	9,375
6/30/2021	310,000	3.000%	14,100	324,100
6/30/2022	315,000	3.000%	4,725	319,725
	625,000		28,200	653,200

DEBT SERVICE
City of Manchester - General Obligation (MAN_GO)
Refunding Series 2011C (2011C)
As of Sep 30, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
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
	31,195,000		8,892,062.54	40,087,062.54

DEBT SERVICE
City of Manchester - General Obligation (MAN_GO)
Highway MERF (2013MERF)
As of Sep 30, 2019 through Maturity

<u>Period Ending</u>	<u>Principal</u>	<u>Coupon</u>	<u>Interest</u>	<u>Debt Service</u>
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
	<u>129,778.67</u>		<u>7,863.43</u>	<u>137,642.10</u>

DEBT SERVICE
City of Manchester - General Obligation (MAN_GO)
General Obligation Bonds 2015A (2015A)
As of Sep 30, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2020	1,500,000	3.000%	495,231.25	1,995,231.25
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
	28,050,000		8,290,193.75	36,340,193.75

DEBT SERVICE

City of Manchester - General Obligation (MAN_GO)

GO Bonds 2015B Taxable (2015B)

As of Sep 30, 2019 through Maturity

<u>Period Ending</u>	<u>Principal</u>	<u>Coupon</u>	<u>Interest</u>	<u>Debt Service</u>
6/30/2020	385,000	3.000%	30,783.75	415,783.75
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>2,035,000</u>		<u>184,271.25</u>	<u>2,219,271.25</u>

DEBT SERVICE
City of Manchester - General Obligation (MAN_GO)
Refunding Series 2016 (2016)
As of Sep 30, 2019 through Maturity

<u>Period Ending</u>	<u>Principal</u>	<u>Coupon</u>	<u>Interest</u>	<u>Debt Service</u>
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
	<u>9,035,000</u>		<u>284,270.00</u>	<u>9,319,270.00</u>

DEBT SERVICE
City of Manchester - General Obligation (MAN_GO)
General Obligation Bonds 2018A (2018A)
As of Sep 30, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2020	2,340,000	5.000%	1,527,518.76	3,867,518.76
6/30/2021	2,090,000	5.000%	1,410,518.76	3,500,518.76
6/30/2022	2,195,000	5.000%	1,306,018.76	3,501,018.76
6/30/2023	2,300,000	5.000%	1,196,268.76	3,496,268.76
6/30/2024	2,090,000	5.000%	1,081,268.76	3,171,268.76
6/30/2025	2,195,000	5.000%	976,768.76	3,171,768.76
6/30/2026	2,280,000	5.000%	867,018.76	3,147,018.76
6/30/2027	2,395,000	5.000%	753,018.76	3,148,018.76
6/30/2028	2,505,000	5.000%	633,268.76	3,138,268.76
6/30/2029	1,685,000	5.000%	508,018.76	2,193,018.76
6/30/2030	1,770,000	5.000%	423,768.76	2,193,768.76
6/30/2031	1,850,000	3.000%	335,268.76	2,185,268.76
6/30/2032	1,910,000	3.000%	279,768.76	2,189,768.76
6/30/2033	1,970,000	3.000%	222,468.76	2,192,468.76
6/30/2034	975,000	3.000%	163,368.76	1,138,368.76
6/30/2035	1,000,000	3.125%	134,118.76	1,134,118.76
6/30/2036	1,035,000	3.125%	102,868.76	1,137,868.76
6/30/2037	1,065,000	3.250%	70,525.00	1,135,525.00
6/30/2038	1,105,000	3.250%	35,912.50	1,140,912.50
	34,755,000		12,027,756.42	46,782,756.42

DEBT SERVICE
City of Manchester - General Obligation (MAN_GO)
GO Bonds 2018B Taxable (2018B)
As of Sep 30, 2019 through Maturity

<u>Period Ending</u>	<u>Principal</u>	<u>Coupon</u>	<u>Interest</u>	<u>Debt Service</u>
6/30/2020	255,000	4.000%	58,530	313,530
6/30/2021	260,000	4.000%	48,330	308,330
6/30/2022	270,000	4.000%	37,930	307,930
6/30/2023	275,000	4.000%	27,130	302,130
6/30/2024	225,000	4.000%	16,130	241,130
6/30/2025	230,000	3.100%	7,130	237,130
	<u>1,515,000</u>		<u>195,180</u>	<u>1,710,180</u>

DEBT SERVICE
City of Manchester POB's (MAN_POB)
Series 2001 Manchester Taxable POB's (2001C)
As of Sep 30, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
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
	6,320,000		2,223,028	8,543,028

DEBT SERVICE
City of Manchester, School Facility Bonds (MAN_SFB)
Refunding Series 2004 Revenue Bonds (2004)
As of Sep 30, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
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
	38,355,000		9,327,175	47,682,175

DEBT SERVICE
City of Manchester, School Facility Bonds (MAN_SFB)
Refunding Series 2011 Revenue Bonds (2011)
As of Sep 30, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
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
	14,560,000		3,580,580.08	18,140,580.08

DEBT SERVICE
SRF Loans (MAN_SRF)
MWW Drinking Water (2007_SRF)
As of Sep 30, 2019 through Maturity

<u>Period Ending</u>	<u>Principal</u>	<u>Coupon</u>	<u>Interest</u>	<u>Debt Service</u>
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
	483,498.39		23,842.77	507,341.16

DEBT SERVICE
SRF Loans (MAN_SRF)
Dewatering (2008SRF2)
As of Sep 30, 2019 through Maturity

<u>Period Ending</u>	<u>Principal</u>	<u>Coupon</u>	<u>Interest</u>	<u>Debt Service</u>
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
	<u>1,370,584.65</u>		<u>215,126.97</u>	<u>1,585,711.62</u>

DEBT SERVICE
SRF Loans (MAN_SRF)
CBI Phase II #1 (2008SRF3)
As of Sep 30, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
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
	1,985,414.82		346,256.35	2,331,671.17

DEBT SERVICE
SRF Loans (MAN_SRF)
West Bridge Bremer (2008SRF4)
As of Sep 30, 2019 through Maturity

<u>Period Ending</u>	<u>Principal</u>	<u>Coupon</u>	<u>Interest</u>	<u>Debt Service</u>
6/30/2021	244,097.97	3.488%	68,113.10	312,211.07
6/30/2022	244,097.97	3.488%	59,598.96	303,696.93
6/30/2023	244,097.97	3.488%	51,084.82	295,182.79
6/30/2024	244,097.97	3.488%	42,570.69	286,668.66
6/30/2025	244,097.97	3.488%	34,056.55	278,154.52
6/30/2026	244,097.97	3.488%	25,542.41	269,640.38
6/30/2027	244,097.97	3.488%	17,028.27	261,126.24
6/30/2028	244,097.96	3.488%	8,514.14	252,612.10
	<u>1,952,783.75</u>		<u>306,508.94</u>	<u>2,259,292.69</u>

DEBT SERVICE
SRF Loans (MAN_SRF)
Poor & Schiller CSO (2009_SRF)
As of Sep 30, 2019 through Maturity

<u>Period Ending</u>	<u>Principal</u>	<u>Coupon</u>	<u>Interest</u>	<u>Debt Service</u>
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
	<u>1,866,292.79</u>		<u>392,668.01</u>	<u>2,258,960.80</u>

DEBT SERVICE
 SRF Loans (MAN_SRF)
 CRESENT ROAD CSO - SEWER SEPERATOR (2011SRF1)
 As of Sep 30, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2020	166,075.66	2.864%	52,320.48	218,396.14
6/30/2021	166,075.66	2.864%	47,564.07	213,639.73
6/30/2022	166,075.66	2.864%	42,807.66	208,883.32
6/30/2023	166,075.66	2.864%	38,051.25	204,126.91
6/30/2024	166,075.66	2.864%	33,294.85	199,370.51
6/30/2025	166,075.66	2.864%	28,538.44	194,614.10
6/30/2026	166,075.66	2.864%	23,782.03	189,857.69
6/30/2027	166,075.66	2.864%	19,025.63	185,101.29
6/30/2028	166,075.66	2.864%	14,269.22	180,344.88
6/30/2029	166,075.66	2.864%	9,512.81	175,588.47
6/30/2030	166,075.63	2.864%	4,756.41	170,832.04
	1,826,832.23		313,922.85	2,140,755.08

DEBT SERVICE
 SRF Loans (MAN_SRF)
 SECONDARY CLARIFIER UPGRADE PROJECT (2011SRF2)
 As of Sep 30, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
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
	1,503,401.13		258,344.46	1,761,745.59

DEBT SERVICE
SRF Loans (MAN_SRF)
PHASE II CSO LONGTERM CONTROL PLAN (2011SRF3)
As of Sep 30, 2019 through Maturity

<u>Period Ending</u>	<u>Principal</u>	<u>Coupon</u>	<u>Interest</u>	<u>Debt Service</u>
6/30/2020	92,094.81	1.790%	1,648.50	93,743.31
	92,094.81		1,648.50	93,743.31

DEBT SERVICE
 SRF Loans (MAN_SRF)
 COHAS BROOK INTERCEPTOR PHASE II/CONTRACT II (2011SRF4)
 As of Sep 30, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2020	182,783.10	2.864%	57,583.99	240,367.09
6/30/2021	182,783.10	2.864%	52,349.08	235,132.18
6/30/2022	182,783.10	2.864%	47,114.17	229,897.27
6/30/2023	182,783.10	2.864%	41,879.26	224,662.36
6/30/2024	182,783.10	2.864%	36,644.36	219,427.46
6/30/2025	182,783.10	2.864%	31,409.45	214,192.55
6/30/2026	182,783.10	2.864%	26,174.54	208,957.64
6/30/2027	182,783.10	2.864%	20,939.63	203,722.73
6/30/2028	182,783.10	2.864%	15,704.72	198,487.82
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
	2,010,614.08		345,503.93	2,356,118.01

DEBT SERVICE
 SRF Loans (MAN_SRF)
 DRINKING WATER - PENSTOCK (2011SRF5)
 As of Sep 30, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
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
	131,174		23,599.93	154,773.93

DEBT SERVICE
 SRF Loans (MAN_SRF)
 DRINKING WATER- LYNCHVILLE/DANIS PARK (2011SRF6)
 As of Sep 30, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
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
	496,375.38		89,305.05	585,680.43

DEBT SERVICE
SRF Loans (MAN_SRF)
COHAS BROOK INTERCEPTOR PHASE II/CONTRACT III (2011SRF7)
As of Sep 30, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
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
	1,320,000		266,323.20	1,586,323.20

DEBT SERVICE
SRF Loans (MAN_SRF)
Incinerator Upgrade (2012SRF1)
As of Sep 30, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
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
	1,725,000		348,036	2,073,036

DEBT SERVICE
SRF Loans (MAN_SRF)
ARRA Loan Radio (2012SRF2)
As of Sep 30, 2019 through Maturity

<u>Period Ending</u>	<u>Principal</u>	<u>Coupon</u>	<u>Interest</u>	<u>Debt Service</u>
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
	116,644.82		4,554.80	121,199.62

DEBT SERVICE
 SRF Loans (MAN_SRF)
 Cohas Interc Phase III (2012SRF3)
 As of Sep 30, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2020	267,655.82	2.720%	94,643.10	362,298.92
6/30/2021	267,655.82	2.720%	87,362.86	355,018.68
6/30/2022	267,655.82	2.720%	80,082.62	347,738.44
6/30/2023	267,655.82	2.720%	72,802.38	340,458.20
6/30/2024	267,655.82	2.720%	65,522.14	333,177.96
6/30/2025	267,655.82	2.720%	58,241.90	325,897.72
6/30/2026	267,655.82	2.720%	50,961.67	318,617.49
6/30/2027	267,655.82	2.720%	43,681.43	311,337.25
6/30/2028	267,655.82	2.720%	36,401.19	304,057.01
6/30/2029	267,655.82	2.720%	29,120.95	296,776.77
6/30/2030	267,655.82	2.720%	21,840.71	289,496.53
6/30/2031	267,655.82	2.720%	14,560.47	282,216.29
6/30/2032	267,655.74	2.720%	7,280.24	274,935.98
	3,479,525.58		662,501.66	4,142,027.24

DEBT SERVICE
SRF Loans (MAN_SRF)
Aeration System Upgrade (2016SRF)
As of Sep 30, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2020	1,049,134.36	2.000%	356,705.68	1,405,840.04
6/30/2021	1,049,134.36	2.000%	335,723.00	1,384,857.36
6/30/2022	1,049,134.36	2.000%	314,740.31	1,363,874.67
6/30/2023	1,049,134.36	2.000%	293,757.62	1,342,891.98
6/30/2024	1,049,134.36	2.000%	272,774.94	1,321,909.30
6/30/2025	1,049,134.36	2.000%	251,792.25	1,300,926.61
6/30/2026	1,049,134.36	2.000%	230,809.56	1,279,943.92
6/30/2027	1,049,134.36	2.000%	209,826.87	1,258,961.23
6/30/2028	1,049,134.36	2.000%	188,844.19	1,237,978.55
6/30/2029	1,049,134.36	2.000%	167,861.50	1,216,995.86
6/30/2030	1,049,134.36	2.000%	146,878.81	1,196,013.17
6/30/2031	1,049,134.36	2.000%	125,896.12	1,175,030.48
6/30/2032	1,049,134.36	2.000%	104,913.44	1,154,047.80
6/30/2033	1,049,134.36	2.000%	83,930.75	1,133,065.11
6/30/2034	1,049,134.36	2.000%	62,948.06	1,112,082.42
6/30/2035	1,049,134.36	2.000%	41,965.38	1,091,099.74
6/30/2036	1,049,134.43	2.000%	20,982.69	1,070,117.12
	17,835,284.19		3,210,351.17	21,045,635.36

DEBT SERVICE
SRF Loans (MAN_SRF)
Water Main Replacement and Rehab (2018SRF1)
As of Sep 30, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2021	234,980	1.960%	164,662.17	399,642.17
6/30/2022	239,586	1.960%	160,056.56	399,642.56
6/30/2023	244,282	1.960%	155,360.67	399,642.67
6/30/2024	249,070	1.960%	150,572.75	399,642.75
6/30/2025	253,952	1.960%	145,690.97	399,642.97
6/30/2026	258,929	1.960%	140,713.52	399,642.52
6/30/2027	264,004	1.960%	135,638.51	399,642.51
6/30/2028	269,178	1.960%	130,464.03	399,642.03
6/30/2029	274,454	1.960%	125,188.14	399,642.14
6/30/2030	279,834	1.960%	119,808.84	399,642.84
6/30/2031	285,318	1.960%	114,324.10	399,642.10
6/30/2032	290,911	1.960%	108,731.86	399,642.86
6/30/2033	296,612	1.960%	103,030.01	399,642.01
6/30/2034	302,426	1.960%	97,216.41	399,642.41
6/30/2035	308,354	1.960%	91,288.86	399,642.86
6/30/2036	314,397	1.960%	85,245.12	399,642.12
6/30/2037	320,560	1.960%	79,082.94	399,642.94
6/30/2038	326,843	1.960%	72,799.97	399,642.97
6/30/2039	333,249	1.960%	66,393.84	399,642.84
6/30/2040	339,780	1.960%	59,862.16	399,642.16
6/30/2041	346,440	1.960%	53,202.48	399,642.48
6/30/2042	353,230	1.960%	46,412.25	399,642.25
6/30/2043	360,154	1.960%	39,488.94	399,642.94
6/30/2044	367,213	1.960%	32,429.92	399,642.92
6/30/2045	374,410	1.960%	25,232.55	399,642.55
6/30/2046	381,748	1.960%	17,894.11	399,642.11
6/30/2047	531,217	1.960%	10,411.85	541,628.85
	8,401,131		2,531,203.53	10,932,334.53

DEBT SERVICE
SRF Loans (MAN_SRF)
Meter Interface Unit Installation (2018SRF2)
As of Sep 30, 2019 through Maturity

<u>Period Ending</u>	<u>Principal</u>	<u>Coupon</u>	<u>Interest</u>	<u>Debt Service</u>
6/30/2021	117,581	1.225%	10,651.85	128,232.85
6/30/2022	119,021	1.225%	9,211.49	128,232.49
6/30/2023	120,479	1.225%	7,753.48	128,232.48
6/30/2024	121,955	1.225%	6,277.61	128,232.61
6/30/2025	123,449	1.225%	4,783.66	128,232.66
6/30/2026	124,961	1.225%	3,271.41	128,232.41
6/30/2027	142,093	1.225%	1,740.64	143,833.64
	869,539		43,690.14	913,229.14

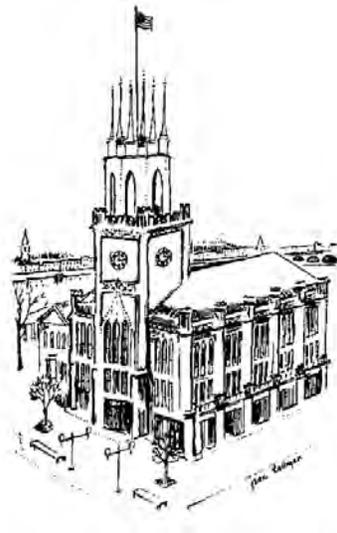
DEBT SERVICE
SRF Loans (MAN_SRF)
WWTF Boiler Upgrade Project (2019SRF1)
As of Sep 30, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2020	118,750	2.000%	45,125	163,875
6/30/2021	118,750	2.000%	42,750	161,500
6/30/2022	118,750	2.000%	40,375	159,125
6/30/2023	118,750	2.000%	38,000	156,750
6/30/2024	118,750	2.000%	35,625	154,375
6/30/2025	118,750	2.000%	33,250	152,000
6/30/2026	118,750	2.000%	30,875	149,625
6/30/2027	118,750	2.000%	28,500	147,250
6/30/2028	118,750	2.000%	26,125	144,875
6/30/2029	118,750	2.000%	23,750	142,500
6/30/2030	118,750	2.000%	21,375	140,125
6/30/2031	118,750	2.000%	19,000	137,750
6/30/2032	118,750	2.000%	16,625	135,375
6/30/2033	118,750	2.000%	14,250	133,000
6/30/2034	118,750	2.000%	11,875	130,625
6/30/2035	118,750	2.000%	9,500	128,250
6/30/2036	118,750	2.000%	7,125	125,875
6/30/2037	118,750	2.000%	4,750	123,500
6/30/2038	118,750	2.000%	2,375	121,125
	2,256,250		451,250	2,707,500

DEBT SERVICE
 SRF Loans (MAN_SRF)
 2004 Landfill (LANDFILL)
 As of Sep 30, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2021	661,058.30	3.728%	98,577.01	759,635.31
6/30/2022	661,058.30	3.728%	73,932.76	734,991.06
6/30/2023	661,058.30	3.728%	49,288.51	710,346.81
6/30/2024	661,058.30	3.728%	24,644.25	685,702.55
	<u>2,644,233.20</u>		<u>246,442.53</u>	<u>2,890,675.73</u>

	Principal	Interest	Debt Service
Grand Total	410,232,786.78	111,039,159.41	521,271,946.19



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