

CITY OF MANCHESTER
NEW HAMPSHIRE



QUARTERLY TREASURER'S
REPORT

PERIOD ENDING

December 31, 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 DECEMBER 31, 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
Disbursements	(27,207,976.77)	(216,862.75)	(4,096,189.90)	(1,671,005.70)	(1,717,947.91)	(6,363,013.21)	(250,892.91)	(\$41,523,889.15)
Receipts	20,851,863.86	35,161.01	28,465.47	2,553,081.11	2,580,615.41	4,879,278.35	493,093.97	\$31,421,559.18
<u>October 31, 2019</u>	48,361,016.48	4,468,251.37	(15,145,903.91)	5,061,145.94	19,089,571.10	33,210,737.95	1,292,061.64	\$96,336,880.57
Disbursements	(30,099,742.74)	42,899.51	(4,203,256.14)	(1,742,169.47)	(2,034,772.25)	(6,193,167.08)	(282,218.56)	(\$44,512,426.73)
Receipts	27,615,536.41	55,130.73	230,483.80	2,829,230.31	1,783,695.70	8,915,414.37	528,040.23	\$41,957,531.55
<u>November 30, 2019</u>	45,876,810.15	4,566,281.61	(19,118,676.25)	6,148,206.78	18,838,494.55	35,932,985.24	1,537,883.31	\$93,781,985.39
Disbursements	(56,153,804.60)	(192,370.98)	(1,755,049.40)	(4,065,536.80)	(4,315,497.98)	(4,706,692.68)	(457,276.30)	(\$71,646,228.74)
Receipts	132,342,203.13	94,642.03	261,609.71	2,326,500.10	2,742,743.23	4,772,187.03	448,878.51	\$142,988,763.74
<u>December 31, 2019</u>	122,065,208.68	4,468,552.66	(20,612,115.94)	4,409,170.08	17,265,739.80	35,998,479.59	1,529,485.52	\$165,124,520.39

CITY OF MANCHESTER, NEW HAMPSHIRE
STATEMENT OF CASH BALANCES
As of December 31, 2019

Bank	Account Purpose	Account Balance
Bank of America	General Fund	\$ 7,256.65
Citizens Bank	HUD - CDBG	10.00
Citizens Bank	HUD "HOME" Program	10.00
		\$ 7,276.65

**CITY OF MANCHESTER, NEW HAMPSHIRE
STATEMENT OF INTEREST INCOME
As of December 31, 2019**

	REVENUE BUDGET	REVENUE RECOGNIZED	UNRECOGNIZED BALANCE	PERCENTAGE UNRECOGNIZED
2020	1,040,000	584,850	455,150	43.76%
2019	900,000	430,758	469,242	52.14%

**CONSOLIDATED STATEMENT OF EARNINGS
FOR ALL FUNDS**

General Fund	\$ 584,850
Capital Projects - Bond Proceeds 2007	2,648
Capital Projects - Bond Proceeds 2010A	908
Capital Projects - Bond Proceeds 2010B	67
Capital Projects - Bond Proceeds 2010C, D, E, & F	89
EPD	45,664
EPD Replacement Account	8,546
Aviation	301,031
Aviation - PFC'S	5,740
Water	52,269
Water-MSDP	162,315
Impact Fees (School, Hackett, Fire-Bodwell, Residential, and Non-Reside	6,706
Housing Initiatives	6,814
Revolving Loan	5,182
Parking	8,673
MDC	23,341
Grand Total for all Funds	\$ 1,214,842

CITY OF MANCHESTER, NEW HAMPSHIRE
STATEMENT OF RESTRICTED CASH
As of December 31, 2019

GENERAL GOVERNMENT

COHAS BROOK ASSOC.	\$ 97,000.00
LIBRARY FINES	75,959.69
POLICE EVIDENCE MONEY	41,181.13
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	25,027.95
STONE TERRACE APTS	3,786.72
CUMBLESTONE HOLDINGS LLC	12,340.62
MOORE BUSINESS FORMS	5,030.13
RAPHAEL'S SOCIAL CLUB	625.63
BLL RESTAURANT SECURITY DEPOSIT	13,008.60
E.D. SWETT	34,870.10
YORGO FOODS	2,789.41
WORLD WAR II MEMORIAL	14,927.12
AIR PARK/HACKETT HILL	670,074.15
NW BUSINESS PARK/HACKETT HILL	785,406.51
VOPAR	53,064.67
MPTS - EQUIP	176,430.38
WILLIAM TONER, LLC	26,435.55
ONE WALL STREET, LLC	7,397.93
ORGANIZATION FOR REFUGEE & IMMIGRATION	528.26
DPMP PROPERTIES	5,195.24
NH GOLD STAR MOTHERS	2,961.42
PELOQUIN REALTY	10,565.44
S. MICHAUD	528.26
MUNI COMPLEX COMMEMORATION	385.27
CHESTER WOODS (HILL)	528.26
RED FALL LLC	5,262.29
39 BREMER STREET, LLC	5,245.27
MILLYARD VENTURES	10,359.72
SIGNATURE HOMES, LLC	10,263.69
BEDFORD LOT VENTURES, LLC	5,114.40
BEDFORD STREET FUNDING AGREEMENT	1,529,430.09
BMT CONSTRUCTION	28,458.59
SIRON DEVELOPMENT	49,668.97
SUBSTANCE ABUSE TESTING	60,340.00
VACCINE AND HEALTH PROGRAM	20,837.28
ART FUND	22,315.88
HATM BULL SCULPTURE	7,979.77
EXTRA DETAIL REVOLVING FUND	50,819.98
REV FUND SPECIAL RESERVE OFFICERS	87,613.75
OYS MAYORS YOUTH ADVISORY COUNCIL	460.34
REV FUND SCHOOL NURSES CPR PROGRAM	3,557.68
GIS ONLINE MAPS	11,007.36

SPECIAL REVENUE FUND

REVOLVING LOAN	552,509.78
HOUSING INITIATIVES / AFFORDABLE HOUSING	748,126.31
NH-PDIP RESTRICTED ESCROW DEPOSITS	44,685.34
IMPACT FEES - SCHOOL & FIRE	848,325.27
CIVIC CENTER - CAPITAL IMPROVEMENTS	341,717.83
ARTS & CULTURAL EVENTS	272.73
ENERGY EFFICIENCY LOANS	7,613.73

BASEBALL

BASEBALL STADIUM CAPITAL RESERVE	76,420.77
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CITY OF MANCHESTER, NEW HAMPSHIRE
STATEMENT OF RESTRICTED CASH
As of December 31, 2019

ENTERPRISE FUND - EPD

CONTRACTORS RETAINAGE PAYABLE:	
GREEN MOUNTAIN PIPELINE	\$ 126,799.80
METHUEN CONSTRUCTION	157,818.50
INDUSTRIAL FURNACE	263,292.79
GVC CONSTRUCTION	272,802.81
EPD REPLACEMENT ACCOUNT	943,488.81

ENTERPRISE FUND - WATER

WATER-MSDC	16,467,062.44
NH PDIP CASH INS RESERVE	5,423,295.11

ENTERPRISE FUND-AVIATION

DEBT SERVICE FUND - 2012	7,719,928.13
BOND RESERVE FUND - 2012	7,760,816.32
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	3,971,716.00
BOND RESERVE FUND - 2018	6,946,816.81
RESTRICTED CASH O&M	5,185,500.00
PASSENGER FACILITY CHARGES	1,635,132.41
RENEWAL & REPLACEMENT FUND	250,000.00
SECURITY DEPOSITS	40,186.24

ENTERPRISE FUND-PARKING

MANCHESTER PLACE	79,302.40
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Page 2 Subtotal \$57,460,528.75

Grand Total **\$64,093,824.27**

**CITY OF MANCHESTER, NEW HAMPSHIRE
STATEMENT OF INDEBTEDNESS
As of December 31, 2019**

GENERAL GOVERNMENT

Baseball Stadium Construction and Gill Stadium Repairs	\$ 12,210,747.89
Bridge Construction & Repairs	364,942.71
Communications	5,242,134.00
Data Processing	1,806,622.35
Fire	2,586,505.88
Granite Street - 80% - Urban Renewal	101,908.36
Hands Across The Merrimack	74,967.15
Highway	26,202,288.85
Landfill Closure Project	2,673,344.84
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	7,539,913.36
Renovations City Buildings	6,471,400.34
Revaluation	419,643.00
Senior Center	349,395.02
Sewer Drainage	619,958.88

TOTAL GENERAL GOVERNMENT **\$ 115,066,852.74**

ENTERPRISE FUND

Aviation	126,997,975.43
EPD	37,788,537.85
MWW	43,485,502.41
MWW Pension Obligation Bonds	435,096.73
Parking Facilities - Parking	869,359.98

TOTAL ENTERPRISE FUND **\$ 209,576,472.40**

SCHOOL

School Constr & Improvement	77,547,702.42
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TOTAL SCHOOL **\$ 77,547,702.42**

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 **\$ 402,680,027.56**

**CITY OF MANCHESTER, NEW HAMPSHIRE
CURRENT OUTSTANDING INVESTMENTS
AS OF DECEMBER 31, 2019
Unaudited**

DATE INVESTED	MATURITY DATE	RATE	AMOUNT	BANK	INSTRUMENT
GENERAL FUND/SPECIAL PROJECTS					
10/30/2019	6/26/2020	1.76%	81,668,360.76	CITIZENS NH-PDIP	CASH MGT ACCOUNT
		1.60%	2,550,792.08		INVESTMENT POOL
		1.46%	613,422.25	BANK OF AMERICA	INVESTMENT
		1.35%	5,007.30	BANK OF NH	INVESTMENT
		1.51%	12,393.02	CENTURY	INVESTMENT
		1.75%	5,257,398.14	FRANKLIN SAVINGS	CDARS
		1.60%	5,037,054.24	NEWBURYPORT BANK	INVESTMENT
		1.66%	5,318,204.16	SANTANDER	INVESTMENT
		1.66%	15,872,285.20	TD BANK	INVESTMENT
		1.77%	529,062.47	PEOPLE'S UNITED	INVESTMENT
2.51%	5,193,952.41	PRIMARY BANK	CDARS		
CAPITAL PROJECTS					
		1.76%	(23,828,951.98)	CITIZENS	CASH MGT ACCOUNT
		0.55%	768,789.61	CITIZENS	SERIES 2007 BOND FUND
		0.55%	262,641.06	CITIZENS	SERIES 2010 BOND FUND
		0.50%	373,498.03	CITIZENS	SERIES 2015 BOND FUND
		1.60%	1,739,992.99	CITIZENS	SERIES 2018 BOND FUND
		0.25%	70,432.48	TD BANK	SERIES 2010 BOND FUND
		0.25%	1,481.87	TD BANK	SERIES 2011 BOND FUND
AVIATION					
		1.76%	28,674,035.29	CITIZENS	CASH MGT ACCOUNT
		0.50%	1,635,132.41	CITIZENS-PFC's	RESTRICTED FUNDS
		1.51%	5,185,264.22	CENTURY BANK	INVESTMENT
		1.60%	254,047.67	NH-PDIP	INVESTMENT POOL
		1.60%	250,000.00	NH-PDIP	INVESTMENT POOL
EPD					
		1.76%	3,403,909.75	CITIZENS	CASH MGT ACCOUNT
EPD CAPITAL PROJECTS					
		1.60%	943,488.81	NH-PDIP	INVESTMENT POOL
EPD REPLACEMENT					
		1.60%	61,771.52	NH-PDIP	INVESTMENT POOL
WATER					
		1.76%	798,677.36	CITIZENS	CASH MGT ACCOUNT
WATER-MSDC					
		1.60%	16,467,062.44	NH-PDIP	INVESTMENT POOL
PARKING					
		1.76%	1,524,065.30	CITIZENS	CASH MGT ACCOUNT
		0.55%	5,420.22	CITIZENS	SERIES 2010 BOND FUND
IMPACT FEES					
		1.60%	578,995.79	* SCHOOL	INVESTMENT POOL
		1.60%	29,170.78	* FIRE	INVESTMENT POOL
		1.60%	42,432.67	* HACKETT HILL	INVESTMENT POOL
		1.60%	48,031.12	* FIRE RES	INVESTMENT POOL
		1.60%	149,694.91	* FIRE NON RES	INVESTMENT POOL
HOUSING INITIATIVES					
		1.60%	748,126.31	NH-PDIP	INVESTMENT POOL
REVOLVING LOAN					
		1.60%	552,509.78	* NH-PDIP	INVESTMENT POOL
ENERGY LOAN					
		1.60%	7,613.73	* NH-PDIP	INVESTMENT POOL
CIVIC CENTER ROYALTIES					
		0.85%	341,717.83	CITIZENS	CAP IMPROVEMENT ACCT
		1.60%	272.73	NH-PDIP	INVESTMENT POOL
MDC					
		1.76%	2,027,508.24	CITIZENS	CASH MGT ACCOUNT
HUD SECTION 108					
		1.76%	(57,521.23)	* CITIZENS	CHECKING ACCOUNT
			165,117,243.74		

CITIZENS Bank	REPOS	94,609,322.55	
	CHECKING	(57,521.23)	
	PFC's	1,635,132.41	
	2007 BOND FUND	768,789.61	
	2010 BOND FUND	268,061.28	
	2015 BOND FUND	373,498.03	
	2018 BOND FUND	1,739,992.99	99,337,275.64
Bank of America	T-BILLS	613,422.25	613,422.25
Bank of New Hampshire	SHORT TERM INVESTMENT	5,007.30	
Century Bank	SHORT TERM INVESTMENT	5,197,657.24	
Franklin Savings Bank	SHORT TERM INVESTMENT	5,257,398.14	
People's United Bank	SHORT TERM INVESTMENT	529,062.47	
Primary Bank	SHORT TERM INVESTMENT	5,193,952.41	
Santander	SHORT TERM INVESTMENT	5,318,204.16	
TD Bank	SHORT TERM INVESTMENT	15,872,285.20	37,373,566.92
Newburyport Bank	SHORT TERM INVESTMENT	5,037,054.24	
TD Bank	2010 BOND FUND	70,432.48	
	2011 BOND FUND	1,481.87	
			71,914.35
NH-PDIP	Restricted	2,156,847.82	
NH-PDIP		20,527,162.52	22,684,010.34
TOTAL T-BILLS		613,422.25	
TOTAL REPOS		94,609,322.55	
SHORT TERM INVESTMENT		42,410,621.16	
CHECKING		(57,521.23)	
PFC's		1,635,132.41	
NH-PDIP		22,684,010.34	
2007 BOND FUND		768,789.61	
2010 BOND FUND		338,493.76	
2011 BOND FUND		1,481.87	
2015 BOND FUND		373,498.03	
2018 BOND FUND		1,739,992.99	
			165,117,243.74

DEBT SERVICE
 SRF Loans (MAN_SRF)
 2004 Landfill (LANDFILL)
 As of Dec 31, 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	402,680,027.56	106,827,503.39	509,507,530.95

DEBT SERVICE

Section 108 Loans (MAN_108)

788 Elm Street (788_ELM2)

As of Dec 31, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
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
	255,110.76		52,981.18	308,091.94

DEBT SERVICE
Section 108 Loans (MAN_108)
20 Concord Street (CONCORD2)
As of Dec 31, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
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 Dec 31, 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 Dec 31, 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 Dec 31, 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 Dec 31, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2020	1,038,104.82	3.060%	61,212.41	1,099,317.23
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
	4,432,068.70		148,419.69	4,580,488.39

DEBT SERVICE

City of Manchester Airport Bonds (MAN_AIR)

City of Manchester Airport Bank Loan (2014)

As of Dec 31, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2020	11,500.63	2.440%	120,649.36	132,149.99
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
	9,894,072.47		1,152,991.41	11,047,063.88

DEBT SERVICE

City of Manchester Airport Bonds (MAN_AIR)

City of Manchester Airport Bank Loan (2015)

As of Dec 31, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2020	41,421.50	2.380%	26,532.43	67,953.93
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
	2,246,834.26		249,940.74	2,496,775.00

DEBT SERVICE

City of Manchester Airport Bonds (MAN_AIR)

City of Manchester Airport Bank Loan (2018)

As of Dec 31, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
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
	46,030,000		9,964,820	55,994,820

DEBT SERVICE

City of Manchester - General Obligation (MAN_GO)

2003 C GO Bonds, Taxable (2003C)

As of Dec 31, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2020			38,381.25	38,381.25
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
	1,335,000		413,425.00	1,748,425.00

DEBT SERVICE

City of Manchester - General Obligation (MAN_GO)

Series 2010B (Taxable) BAB's (2010B)

As of Dec 31, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2020	1,605,000	4.375%	230,734.38	1,835,734.38
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		2,217,416.88	11,702,416.88

DEBT SERVICE

City of Manchester - General Obligation (MAN_GO)

Series 2010D (Taxable) BAB's (2010D)

As of Dec 31, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
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
	3,620,000		322,775.02	3,942,775.02

DEBT SERVICE

City of Manchester - General Obligation (MAN_GO)

Series 2010E (Taxable) RZB's (2010E)

As of Dec 31, 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 Dec 31, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2020			313,606.25	313,606.25
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
	15,075,000		2,418,850.00	17,493,850.00

DEBT SERVICE

City of Manchester - General Obligation (MAN_GO)

Series 2011A (2011A)

As of Dec 31, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
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 Dec 31, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2020			524,175.00	524,175.00
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
	29,890,000		8,335,262.54	38,225,262.54

DEBT SERVICE

City of Manchester - General Obligation (MAN_GO)

Highway MERF (2013MERF)

As of Dec 31, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
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
	129,778.67		7,863.43	137,642.10

DEBT SERVICE
City of Manchester - General Obligation (MAN_GO)
General Obligation Bonds 2015A (2015A)
As of Dec 31, 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 Dec 31, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
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
	2,035,000		184,271.25	2,219,271.25

DEBT SERVICE

City of Manchester - General Obligation (MAN_GO)

Refunding Series 2016 (2016)

As of Dec 31, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2020	2,905,000	1.550%	70,021.25	2,975,021.25
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
	9,035,000		214,248.75	9,249,248.75

DEBT SERVICE
City of Manchester - General Obligation (MAN_GO)
General Obligation Bonds 2018A (2018A)
As of Dec 31, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2020	2,340,000	5.000%	763,759.38	3,103,759.38
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		11,263,997.04	46,018,997.04

DEBT SERVICE

City of Manchester - General Obligation (MAN_GO)

GO Bonds 2018B Taxable (2018B)

As of Dec 31, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2020	255,000	4.000%	29,265	284,265
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
	1,515,000		165,915	1,680,915

DEBT SERVICE

City of Manchester POB's (MAN_POB)
Series 2001 Manchester Taxable POB's (2001C)
As of Dec 31, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2020	725,000	6.220%	196,552	921,552
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		2,026,476	8,346,476

DEBT SERVICE

City of Manchester, School Facility Bonds (MAN_SFB)

Refunding Series 2004 Revenue Bonds (2004)

As of Dec 31, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2020	4,695,000	5.500%	1,054,762.50	5,749,762.50
6/30/2021	4,950,000	5.500%	1,851,300.00	6,801,300.00
6/30/2022	5,225,000	5.500%	1,579,050.00	6,804,050.00
6/30/2023	5,515,000	5.500%	1,291,675.00	6,806,675.00
6/30/2024	5,745,000	5.500%	988,350.00	6,733,350.00
6/30/2025	4,620,000	5.500%	672,375.00	5,292,375.00
6/30/2026	2,550,000	5.500%	418,275.00	2,968,275.00
6/30/2027	2,535,000	5.500%	278,025.00	2,813,025.00
6/30/2028	2,520,000	5.500%	138,600.00	2,658,600.00
	38,355,000		8,272,412.50	46,627,412.50

DEBT SERVICE

City of Manchester, School Facility Bonds (MAN_SFB)

Refunding Series 2011 Revenue Bonds (2011)

As of Dec 31, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
6/30/2020	105,000	3.000%	233,850.63	338,850.63
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		3,346,729.45	17,906,729.45

DEBT SERVICE
SRF Loans (MAN_SRF)
MWW Drinking Water (2007_SRF)
As of Dec 31, 2019 through Maturity

<u>Period Ending</u>	<u>Principal</u>	<u>Coupon</u>	<u>Interest</u>	<u>Debt Service</u>
6/30/2021	245,638.21	3.270%	8,032.37	253,670.58
	245,638.21		8,032.37	253,670.58

DEBT SERVICE
SRF Loans (MAN_SRF)
Dewatering (2008SRF2)
As of Dec 31, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
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
	1,370,584.65		215,126.97	1,585,711.62

DEBT SERVICE
SRF Loans (MAN_SRF)
CBI Phase II #1 (2008SRF3)
As of Dec 31, 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 Dec 31, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
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
	1,952,783.75		306,508.94	2,259,292.69

DEBT SERVICE
SRF Loans (MAN_SRF)
Poor & Schiller CSO (2009_SRF)
As of Dec 31, 2019 through Maturity

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

DEBT SERVICE
SRF Loans (MAN_SRF)
CRESENT ROAD CSO - SEWER SEPERATOR (2011SRF1)
As of Dec 31, 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 Dec 31, 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 Dec 31, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
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 Dec 31, 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 Dec 31, 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 Dec 31, 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 Dec 31, 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 Dec 31, 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 Dec 31, 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
	<u>116,644.82</u>		<u>4,554.80</u>	<u>121,199.62</u>

DEBT SERVICE
SRF Loans (MAN_SRF)
Cohas Interc Phase III (2012SRF3)
As of Dec 31, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
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
	3,211,869.76		567,858.56	3,779,728.32

DEBT SERVICE
SRF Loans (MAN_SRF)
Aeration System Upgrade (2016SRF)
As of Dec 31, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
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
	16,786,149.83		2,853,645.49	19,639,795.32

DEBT SERVICE
SRF Loans (MAN_SRF)
Water Main Replacement and Rehab (2018SRF1)
As of Dec 31, 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 Dec 31, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
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

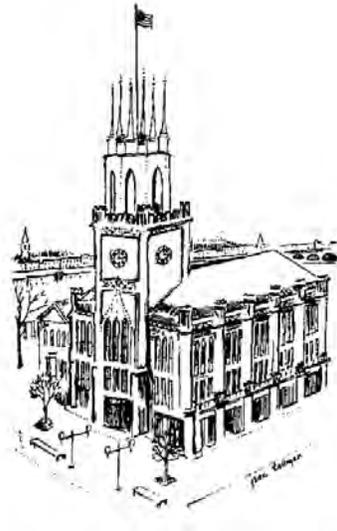
DEBT SERVICE
SRF Loans (MAN_SRF)
WWTF Boiler Upgrade Project (2019SRF1)
As of Dec 31, 2019 through Maturity

Period Ending	Principal	Coupon	Interest	Debt Service
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
	2,137,500		406,125	2,543,625

DEBT SERVICE
 SRF Loans (MAN_SRF)
 2004 Landfill (LANDFILL)
 As of Dec 31, 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
	2,644,233.20		246,442.53	2,890,675.73

	Principal	Interest	Debt Service
Grand Total	402,680,027.56	106,827,503.39	509,507,530.95



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