

CITY OF MANCHESTER
NEW HAMPSHIRE



QUARTERLY TREASURER'S
REPORT

PERIOD ENDING

December 31, 2015

(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, 2015**

| | 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 | (43,702,949.79) | (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) | (\$62,829,982.10) |
| Receipts | 31,279,483.81 | 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 | \$48,638,891.22 |
| <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 | (7,730,756.87) | (3,242,738.38) | (3,760,042.20) | (5,475,977.68) | (244,977.80) | (546,814.86) | (\$138,099,262.58) |
| Receipts | 176,876,313.23 | 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 | \$194,216,828.67 |
| <u>December 31, 2015</u> | 97,475,509.76 | 7,964,868.27 | 185,687.74 | 15,429,219.11 | 8,089,739.02 | 39,069,369.50 | (2,512,216.33) | 1,487,049.15 | \$167,189,226.22 |

CITY OF MANCHESTER, NEW HAMPSHIRE
STATEMENT OF CASH BALANCES
As of December 31, 2015

| Bank | Account Purpose | Account Balance |
|-----------------|------------------------|------------------------|
| Bank of America | General Fund | \$ 24,294.39 |
| Citizens Bank | HUD - CDBG | 10.00 |
| Citizens Bank | HUD "HOME" Program | 10.00 |
| | | \$ 24,314.39 |

CITY OF MANCHESTER, NEW HAMPSHIRE
STATEMENT OF INTEREST INCOME
As of December 31, 2015

| | REVENUE BUDGET | REVENUE RECOGNIZED | UNRECOGNIZED BALANCE | PERCENTAGE UNRECOGNIZED |
|------|-------------------|-----------------------|-------------------------|----------------------------|
| 2016 | 210,000 | 79,485 | 130,515 | 62.15% |
| 2015 | 212,704 | 89,408 | 123,296 | 57.97% |

CONSOLIDATED STATEMENT OF EARNINGS
FOR ALL FUNDS

| | |
|---|-------------------|
| General Fund | \$ 79,485 |
| Capital Projects - Bond Proceeds 2007 | 48 |
| Capital Projects - Bond Proceeds 2010A | 22 |
| Capital Projects - Bond Proceeds 2010B | 1 |
| Capital Projects - Bond Proceeds 2010C, D, E, & F | 270 |
| EPD | 15,658 |
| EPD Replacement Account | 411 |
| Aviation | 24,353 |
| Aviation - PFC'S | 149 |
| Recreation | 152 |
| Water | 2,391 |
| Water-MSDP | 4,689 |
| Impact Fees (School, Hackett and Fire-Bodwell) | 344 |
| Housing Initiatives | 253 |
| Revolving Loan | 280 |
| Parking | 770 |
| MDC | 3,503 |
| Grand Total for all Funds | \$ 132,779 |

CITY OF MANCHESTER, NEW HAMPSHIRE
STATEMENT OF RESTRICTED CASH
As of December 31, 2015

GENERAL GOVERNMENT

| | |
|--|--------------|
| COHAS BROOK ASSOC. | \$ 97,000.00 |
| LIBRARY FINES | 71,340.63 |
| POLICE EVIDENCE MONEY | 42,109.37 |
| OYS ALCOHOL EDUCATION & YES PROGRAM | 1,934.72 |
| 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 | 23,705.53 |
| STONE TERRACE APTS | 3,586.59 |
| CUMBLESTONE HOLDINGS LLC | 11,688.55 |
| MOORE BUSINESS FORMS | 4,764.34 |
| RAPHAEL'S SOCIAL CLUB | 592.56 |
| WALNUT HILL AVENUE | 105,885.14 |
| E.D. SWETT | 33,027.61 |
| YORGO FOODS | 2,642.01 |
| WORLD WAR II MEMORIAL | 32,371.43 |
| AIR PARK/HACKETT HILL | 608,888.50 |
| NW BUSINESS PARK/HACKETT HILL | 768,312.84 |
| VOPAR | 50,260.74 |
| MPTS - EQUIP | 31,972.07 |
| WILLIAM TONER, LLC | 25,038.69 |
| ONE WALL STREET, LLC | 7,007.02 |
| ORGANIZATION FOR REFUGEE & IMMIGRATION | 500.34 |
| ESTATE OF JAMES J BUDICK | 1,019.08 |
| THE WAY HOME | 500.34 |
| NH GOLD STAR MOTHERS | 2,804.96 |
| PELOQUIN REALTY | 10,007.18 |
| S. MICHAUD | 500.34 |
| MUNI COMPLEX COMMEMORATION | 1,250.85 |
| 2DC LLC | 6,504.39 |
| LIVINGSTON PARK | 75,051.06 |
| CHESTER WOODS (HILL) | 500.34 |
| DIME FURNITURE | 9,004.82 |
| JAMES LANOIE | 2,600.85 |
| SIERRA HOMES/SCARPETTI | 3,000.03 |
| SUBSTANCE ABUSE TESTING | 52,150.00 |
| VACCINE AND HEALTH PROGRAM | 10,351.34 |
| ART FUND | 25,016.81 |
| HATM BULL SCULPTURE | 7,558.14 |
| FAMILIES IN TRANSITION (ODD FELLOWS) | 374,318.81 |
| BANK OF AMERICA PCARD PROGRAM | 12,508.45 |
| 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 | 2,735.66 |
| GIS ONLINE MAPS | 7,350.00 |

SPECIAL REVENUE FUND

| | |
|--|--------------|
| REVOLVING LOAN | 416,425.19 |
| HOUSING INITIATIVES / AFFORDABLE HOUSING | 384,097.29 |
| IMPACT FEES - SCHOOL & FIRE | 553,933.14 |
| CIVIC CENTER - CAPITAL IMPROVEMENTS | 1,090,232.74 |
| ARTS & CULTURAL EVENTS | 258.28 |
| ENERGY EFFICIENCY LOANS | 5,153.26 |

BASEBALL

| | |
|----------------------------------|-----------|
| BASEBALL STADIUM CAPITAL RESERVE | 41,410.22 |
|----------------------------------|-----------|

CITY OF MANCHESTER, NEW HAMPSHIRE
STATEMENT OF RESTRICTED CASH
As of December 31, 2015

ENTERPRISE FUND - EPD

| | |
|--------------------------------|---------------|
| CONTRACTORS RETAINAGE PAYABLE: | |
| KEYMONT - WWTF GRIT SYSTEM | \$ 83,296.50 |
| RD EDMUNDS - CHESTNUT | \$ 3,485.11 |
| PENTA PUMP STATION - AERATION | \$ 615,838.70 |
| PARK CONSTRUCTION - CBI 3-3 | \$ 207,009.22 |
| RD EDMUNDS - NO. CHESTNUT | \$ 377,388.82 |
| PARK CONSTRUCTION - COMM | \$ 57,146.76 |
| EPD REPLACEMENT ACCOUNT | \$ 601,468.53 |

ENTERPRISE FUND - WATER

| | |
|--------------------------|--------------|
| WATER-MSDC | 6,863,728.04 |
| NH PDIP CASH INS RESERVE | 3,499,948.70 |

ENTERPRISE FUND-AVIATION

| | |
|--|--------------|
| BOND RESERVE FUND- 1998 \$124,275,000 ISSUE | 306,329.65 |
| DEBT SERVICE FUND - 1998 \$124,275,000 ISSUE | 4,387,321.55 |
| DEBT SERVICE FUND - 2005 \$76,325,000 ISSUE | - |
| DEBT SERVICE FUND - 2009 | 3,694,062.78 |
| BOND RESERVE FUND - 2009 | 7,137,799.83 |
| DEBT SERVICE FUND - 2012 | 3,010,748.45 |
| BOND RESERVE FUND - 2012 | 7,436,670.90 |
| DEBT SERVICE FUND - 2013 | 183,219.54 |
| DEBT SERVICE FUND - 2014 | 22,370.55 |
| DEBT SERVICE FUND - 2015 | 11,325.65 |
| RESTRICTED CASH O&M | 9,832,000.00 |
| PASSENGER FACILITY CHARGES | 2,627,971.66 |
| RENEWAL & REPLACEMENT FUND | 250,000.00 |
| SECURITY DEPOSITS | 37,680.90 |

ENTERPRISE FUND-RECREATION

| | |
|---------------------------------|-----------|
| BLL RESTAURANT SECURITY DEPOSIT | 12,321.26 |
|---------------------------------|-----------|

ENTERPRISE FUND-PARKING

| | |
|------------------|-----------|
| MANCHESTER PLACE | 96,294.91 |
|------------------|-----------|

Page 2 Subtotal \$51,355,428.01

Grand Total **\$ 56,627,647.76**

**CITY OF MANCHESTER, NEW HAMPSHIRE
STATEMENT OF INDEBTEDNESS
As of December 31, 2015**

GENERAL GOVERNMENT

| | |
|--|------------------|
| Baseball Stadium Construction and Gill Stadium Repairs | \$ 17,460,772.64 |
| Bridge Construction & Repairs | 456,596.50 |
| Data Processing | 2,246,821.69 |
| Fire | 4,006,802.37 |
| Granite Street - 80% - Urban Renewal | 239,266.69 |
| Hands Across The Merrimack | 150,264.00 |
| Highway | 20,059,162.19 |
| Landfill Closure Project | 5,356,821.83 |
| Motorized Equipment | 11,560,930.91 |
| Neighborhood Revitalization | 120,210.00 |
| Pension Obligation Bonds | 8,797,979.78 |
| Police | 81,291.01 |
| Public Safety Complex | 34,785,576.79 |
| Recreation | 6,488,207.03 |
| Renovations City Buildings | 6,691,059.59 |
| Riverfront Stadium | 116,538.45 |
| Senior Center | 820,325.56 |
| Sewer Drainage | 934,449.16 |
| UNH Land Acquisition | 1,252,241.04 |

TOTAL GENERAL GOVERNMENT **\$ 121,625,317.23**

ENTERPRISE FUND

| | |
|------------------------------|-------------------|
| Aviation | \$ 168,942,053.70 |
| EPD | 26,634,571.18 |
| MWW | 38,933,900.43 |
| MWW Pension Obligation Bonds | 692,020.22 |
| Parking Facilities - Parking | 2,040,600.44 |
| Recreation | 6,703,157.34 |

TOTAL ENTERPRISE FUND **\$ 243,946,303.31**

SCHOOL

| | |
|-----------------------------|-------------------|
| School Constr & Improvement | \$ 106,643,447.13 |
|-----------------------------|-------------------|

TOTAL SCHOOL **\$ 106,643,447.13**

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 **\$ 475,295,067.67**

**CITY OF MANCHESTER, NEW HAMPSHIRE
CURRENT OUTSTANDING INVESTMENTS
AS OF DECEMBER, 2015
Unaudited**

| DATE INVESTED | MATURITY DATE | RATE | AMOUNT | BANK | INSTRUMENT |
|--------------------------------------|---------------|-------|-----------------------|------------------------|-----------------------|
| GENERAL FUND/SPECIAL PROJECTS | | | | | |
| 9/18/2015 | 1/5/2016 | 0.42% | 50,250,326.02 | CITIZENS | CASH MGT ACCOUNT |
| | | 0.26% | 1,453,285.37 | NH-PDIP | INVESTMENT POOL |
| | | 0.13% | 586,073.18 | BANK OF AMERICA | INVESTMENT |
| | | 0.50% | 20,148,187.00 | CENTURY | INVESTMENT |
| | | 0.40% | 10,000,000.00 | BANK OF NH | INVESTMENT |
| | | 0.35% | 5,000,000.00 | NBT BANK | CDARS INVESTMENT |
| | | 0.35% | 10,013,623.79 | SANTANDER | INVESTMENT |
| CAPITAL PROJECTS | | | | | |
| | | 0.42% | (11,549,062.97) | CITIZENS | CASH MGT ACCOUNT |
| | | 0.01% | 869,234.25 | CITIZENS | SERIES 2007 BOND FUND |
| | | 0.01% | 431,461.50 | CITIZENS | SERIES 2010 BOND FUND |
| | | 0.20% | 10,163,489.46 | CITIZENS | SERIES 2015 BOND FUND |
| | | 0.15% | 269,096.68 | TD BANK | SERIES 2010 BOND FUND |
| | | 0.15% | 1,468.82 | TD BANK | SERIES 2011 BOND FUND |
| AVIATION | | | | | |
| | | 0.42% | 30,941,717.02 | CITIZENS | CASH MGT ACCOUNT |
| | | 0.01% | 2,627,971.66 | CITIZENS-PFC's | RESTRICTED FUNDS |
| | | 0.25% | 5,022,266.57 | CENTURY BANK | INVESTMENT |
| | | 0.26% | 227,414.25 | NH-PDIP | INVESTMENT POOL |
| | | 0.26% | 250,000.00 | NH-PDIP | INVESTMENT POOL |
| EPD | | | | | |
| | | 0.42% | 14,649,948.44 | CITIZENS | CASH MGT ACCOUNT |
| EPD CAPITAL PROJECTS | | | | | |
| | | 0.26% | 601,468.53 | NH-PDIP | INVESTMENT POOL |
| EPD REPLACEMENT | | | | | |
| | | 0.26% | 177,802.14 | NH-PDIP | INVESTMENT POOL |
| WATER | | | | | |
| | | 0.42% | 1,226,010.90 | CITIZENS | CASH MGT ACCOUNT |
| WATER-MSDC | | | | | |
| | | 0.26% | 6,863,728.04 | NH-PDIP | INVESTMENT POOL |
| RECREATION | | | | | |
| | | 0.42% | (2,594,223.12) | CITIZENS | CASH MGT ACCOUNT |
| | | 0.01% | 79,658.15 | CITIZENS | SERIES 2007 BOND FUND |
| | | 0.01% | 2,348.64 | CITIZENS | SERIES 2010 BOND FUND |
| PARKING | | | | | |
| | | 0.42% | 1,481,755.20 | CITIZENS | CASH MGT ACCOUNT |
| | | 0.01% | 5,293.95 | CITIZENS | SERIES 2010 BOND FUND |
| IMPACT FEES | | | | | |
| | | 0.26% | 511,101.12 | * SCHOOL NH-PDIP | INVESTMENT POOL |
| | | 0.26% | 19,262.55 | * FIRE NH-PDIP | INVESTMENT POOL |
| | | 0.26% | 23,569.47 | * HACKETT HILL NH-PDIP | INVESTMENT POOL |
| HOUSING INITIATIVES | | | | | |
| | | 0.26% | 384,097.29 | NH-PDIP | INVESTMENT POOL |
| REVOLVING LOAN | | | | | |
| | | 0.26% | 416,425.19 | * NH-PDIP | INVESTMENT POOL |
| ENERGY LOAN | | | | | |
| | | 0.26% | 5,153.26 | * NH-PDIP | INVESTMENT POOL |
| CIVIC CENTER ROYALTIES | | | | | |
| | | 0.01% | 1,090,232.74 | CITIZENS | CAP IMPROVEMENT ACCT |
| | | 0.26% | 258.28 | NH-PDIP | INVESTMENT POOL |
| MDC | | | | | |
| | | 0.42% | 3,742,435.35 | CITIZENS | CASH MGT ACCOUNT |
| HUD SECTION 108 | | | | | |
| | | 0.42% | 1,772,033.02 | * CITIZENS | CHECKING ACCOUNT |
| | | | 167,164,911.74 | | |

| | | | |
|------------------------------|-----------------------|---------------|-----------------------|
| CITIZENS Bank | REPOS | 89,239,139.58 | |
| | CHECKING | 1,772,033.02 | |
| | PFC's | 2,627,971.66 | |
| | 2007 BOND FUND | 948,892.40 | |
| | 2010 BOND FUND | 439,104.09 | |
| | 2015 BOND FUND | 10,163,489.46 | 105,190,630.21 |
| Bank of America | T-BILLS | 586,073.18 | 586,073.18 |
| Bank of New Hampshire | SHORT TERM INVESTMENT | 10,000,000.00 | |
| Century Bank | SHORT TERM INVESTMENT | 25,170,453.57 | |
| NBT Bank | SHORT TERM INVESTMENT | 5,000,000.00 | |
| Santander | SHORT TERM INVESTMENT | 10,013,623.79 | 50,184,077.36 |
| TD Bank | 2010 BOND FUND | 269,096.68 | |
| | 2011 BOND FUND | 1,468.82 | |
| | | | 270,565.50 |
| NH-PDIP | Restricted | 1,359,867.16 | |
| NH-PDIP | | 9,573,698.33 | 10,933,565.49 |
| TOTAL T BILLS | | 586,073.18 | |
| TOTAL REPOS | | 89,239,139.58 | |
| SHORT TERM INVESTMENT | | 50,184,077.36 | |
| CHECKING | | 1,772,033.02 | |
| PFC's | | 2,627,971.66 | |
| NH-PDIP | | 10,933,565.49 | |
| 2007 BOND FUND | | 948,892.40 | |
| 2010 BOND FUND | | 708,200.77 | |
| 2011 BOND FUND | | 1,468.82 | |
| 2015 BOND FUND | | 10,163,489.46 | |
| | | | 167,164,911.74 |

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 Dec 31, 2015 to Jun 30, 2045

| Period Ending | Principal | Coupon | Interest | Debt Service |
|---------------|------------|--------|------------|--------------|
| 6/30/2016 | | | 6,782.58 | 6,782.58 |
| 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 | | 102,475.22 | 470,272.98 |

DEBT SERVICE BY SERIES
Section 108 Loans (MAN_108)
Bond Building (BOND_BLD)
From Dec 31, 2015 to Jun 30, 2045

| Period Ending | Principal | Coupon | Interest | Debt Service |
|---------------|------------|--------|-----------|--------------|
| 6/30/2016 | | | 19,244.60 | 19,244.60 |
| 6/30/2017 | 678,821.97 | 5.670% | 19,244.60 | 698,066.57 |
| | 678,821.97 | | 38,489.21 | 717,311.18 |

DEBT SERVICE BY SERIES
Section 108 Loans (MAN_108)
Bridge & Elm (BRDG_ELM)
From Dec 31, 2015 to Jun 30, 2045

| Period Ending | Principal | Coupon | Interest | Debt Service |
|---------------|-----------|--------|-----------|--------------|
| 6/30/2016 | | | 4,973.75 | 4,973.75 |
| 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 | | 31,465.00 | 206,465.00 |

DEBT SERVICE BY SERIES
Section 108 Loans (MAN_108)
20 Concord Street (CONCORD2)
From Dec 31, 2015 to Jun 30, 2045

| Period Ending | Principal | Coupon | Interest | Debt Service |
|---------------|------------|--------|-----------|--------------|
| 6/30/2016 | | | 3,217.23 | 3,217.23 |
| 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 | | 48,607.76 | 223,067.60 |

DEBT SERVICE BY SERIES
Section 108 Loans (MAN_108)
Dunlap Building (DUNLAP)
From Dec 31, 2015 to Jun 30, 2045

| Period Ending | Principal | Coupon | Interest | Debt Service |
|---------------|------------|--------|-----------|--------------|
| 6/30/2016 | | | 16,759.90 | 16,759.90 |
| 6/30/2017 | 591,178.03 | 5.670% | 16,759.90 | 607,937.93 |
| | 591,178.03 | | 33,519.79 | 624,697.82 |

DEBT SERVICE BY SERIES
Section 108 Loans (MAN_108)
McQuades Building (MCQUADE2)
From Dec 31, 2015 to Jun 30, 2045

| Period Ending | Principal | Coupon | Interest | Debt Service |
|---------------|-----------|--------|-----------|--------------|
| 6/30/2016 | | | 6,969.80 | 6,969.80 |
| 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 | | 49,874.40 | 931,874.40 |

DEBT SERVICE BY SERIES
Section 108 Loans (MAN_108)
McQuades Building (MCQUADES)
From Dec 31, 2015 to Jun 30, 2045

| Period Ending | Principal | Coupon | Interest | Debt Service |
|---------------|-----------|--------|-----------|--------------|
| 6/30/2016 | | | 1,382.40 | 1,382.40 |
| 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 | | 11,059.20 | 59,059.20 |

DEBT SERVICE BY SERIES
Section 108 Loans (MAN_108)
NH Institute of Art (NH_ART2)
From Dec 31, 2015 to Jun 30, 2045

| Period Ending | Principal | Coupon | Interest | Debt Service |
|---------------|------------|--------|-----------|--------------|
| 6/30/2016 | | | 3,001.15 | 3,001.15 |
| 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 | | 45,343.22 | 208,085.62 |

DEBT SERVICE BY SERIES
City of Manchester Airport Bonds (MAN_AIR)
Series 1998 A (Non Amt) (1998A)
From Dec 31, 2015 to Jun 30, 2045

| Period Ending | Principal | Coupon | Interest | Debt Service |
|---------------|-----------|--------|------------|--------------|
| 6/30/2016 | 4,275,000 | 5.250% | 112,218.75 | 4,387,218.75 |
| | 4,275,000 | | 112,218.75 | 4,387,218.75 |

DEBT SERVICE BY SERIES
City of Manchester Airport Bonds (MAN_AIR)
Series 2009A (2009A)
From Dec 31, 2015 to Jun 30, 2045

| Period Ending | Principal | Coupon | Interest | Debt Service |
|---------------|------------|--------|---------------|---------------|
| 6/30/2016 | 2,295,000 | 4.000% | 1,398,978.13 | 3,693,978.13 |
| 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 |
| | 57,705,000 | | 26,276,653.13 | 83,981,653.13 |

DEBT SERVICE BY SERIES
City of Manchester Airport Bonds (MAN_AIR)
Series 2012A (2012A)
From Dec 31, 2015 to Jun 30, 2045

| Period Ending | Principal | Coupon | Interest | Debt Service |
|---------------|------------|--------|---------------|---------------|
| 6/30/2016 | | | 1,410,428.14 | 1,410,428.14 |
| 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 | | 26,240,797.30 | 85,455,797.30 |

DEBT SERVICE BY SERIES
City of Manchester Airport Bonds (MAN_AIR)
Series 2012B (2012B)
From Dec 31, 2015 to Jun 30, 2045

| Period Ending | Principal | Coupon | Interest | Debt Service |
|---------------|------------|--------|-----------|--------------|
| 6/30/2016 | 1,030,000 | 4.000% | 570,225 | 1,600,225 |
| 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 |
| | 23,015,000 | | 3,314,975 | 26,329,975 |

DEBT SERVICE BY SERIES

City of Manchester Airport Bonds (MAN_AIR)

City of Manchester Airport Bank Loan (2013)

From Dec 31, 2015 to Jun 30, 2045

| Period Ending | Principal | Coupon | Interest | Debt Service |
|---------------|---------------|--------|--------------|---------------|
| 6/30/2016 | 918,652.42 | 3.060% | 180,664.74 | 1,099,317.16 |
| 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 |
| | 12,189,791.14 | | 1,185,234.34 | 13,375,025.48 |

DEBT SERVICE BY SERIES
City of Manchester Airport Bonds (MAN_AIR)
City of Manchester Airport Bank Loan (2014)
From Dec 31, 2015 to Jun 30, 2045

| Period Ending | Principal | Coupon | Interest | Debt Service |
|---------------|--------------|--------|--------------|---------------|
| 6/30/2016 | 10,432.24 | 2.440% | 121,718.06 | 132,150.30 |
| 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 |
| | 9,981,201.41 | | 2,123,066.63 | 12,104,268.04 |

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

| Period Ending | Principal | Coupon | Interest | Debt Service |
|---------------|--------------|--------|------------|--------------|
| 6/30/2016 | 37,663.58 | 2.380% | 30,290.38 | 67,953.96 |
| 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 |
| | 2,561,061.15 | | 479,345.13 | 3,040,406.28 |

DEBT SERVICE BY SERIES
City of Manchester - General Obligation (MAN_GO)
Refunding Series 2003 B (2003B)
From Dec 31, 2015 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 Dec 31, 2015 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 Dec 31, 2015 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 Dec 31, 2015 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% | 695,637.50 | 3,125,637.50 |
| 6/30/2018 | 2,400,000 | 4.500% | 574,137.50 | 2,974,137.50 |
| 6/30/2019 | 2,670,000 | 4.125% | 466,137.50 | 3,136,137.50 |
| 6/30/2020 | 2,790,000 | 4.000% | 356,000.00 | 3,146,000.00 |
| 6/30/2021 | 2,910,000 | 4.000% | 244,400.00 | 3,154,400.00 |
| 6/30/2022 | 3,200,000 | 4.000% | 128,000.00 | 3,328,000.00 |
| | 18,710,000 | | 2,869,881.25 | 21,579,881.25 |

DEBT SERVICE BY SERIES

City of Manchester - General Obligation (MAN_GO)

Series 2010A (Tax-Exempt) (2010A)

From Dec 31, 2015 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 Dec 31, 2015 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 Dec 31, 2015 to Jun 30, 2045

| Period Ending | Principal | Coupon | Interest | Debt Service |
|---------------|-----------|--------|----------|--------------|
| 6/30/2016 | | | 108,050 | 108,050 |
| 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 | | 478,900 | 6,928,900 |

DEBT SERVICE BY SERIES
City of Manchester - General Obligation (MAN_GO)
Series 2010D (Taxable) BAB's (2010D)
From Dec 31, 2015 to Jun 30, 2045

| Period Ending | Principal | Coupon | Interest | Debt Service |
|---------------|-----------|--------|--------------|--------------|
| 6/30/2016 | | | 102,128.13 | 102,128.13 |
| 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 | | 1,139,800.06 | 5,904,800.06 |

DEBT SERVICE BY SERIES
City of Manchester - General Obligation (MAN_GO)
Series 2010E (Taxable) RZB's (2010E)
From Dec 31, 2015 to Jun 30, 2045

| Period Ending | Principal | Coupon | Interest | Debt Service |
|---------------|------------|--------|---------------|---------------|
| 6/30/2016 | | | 841,590.01 | 841,590.01 |
| 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 | | 29,778,791.68 | 59,493,791.68 |

DEBT SERVICE BY SERIES
City of Manchester - General Obligation (MAN_GO)
Refunding Series 2010F (2010F)
From Dec 31, 2015 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 Dec 31, 2015 to Jun 30, 2045

| Period Ending | Principal | Coupon | Interest | Debt Service |
|---------------|-----------|--------|----------|--------------|
| 6/30/2016 | | | 25,175 | 25,175 |
| 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 | | 187,600 | 1,957,600 |

DEBT SERVICE BY SERIES
City of Manchester - General Obligation (MAN_GO)
Refunding Series 2011C (2011C)
From Dec 31, 2015 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 Dec 31, 2015 to Jun 30, 2045

| Period Ending | Principal | Coupon | Interest | Debt Service |
|---------------|------------|--------|-----------|--------------|
| 6/30/2016 | 38,227.37 | 2.500% | 7,212.96 | 45,440.33 |
| 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 |
| | 288,518.42 | | 30,885.00 | 319,403.42 |

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

| Period Ending | Principal | Coupon | Interest | Debt Service |
|---------------|------------|--------|---------------|---------------|
| 6/30/2016 | 1,420,000 | 5.000% | 640,014.37 | 2,060,014.37 |
| 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 |
| | 33,560,000 | | 12,812,576.87 | 46,372,576.87 |

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

| Period Ending | Principal | Coupon | Interest | Debt Service |
|---------------|-----------|--------|------------|--------------|
| 6/30/2016 | 130,000 | 3.000% | 50,084.13 | 180,084.13 |
| 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 |
| | 3,285,000 | | 517,491.63 | 3,802,491.63 |

DEBT SERVICE BY SERIES
City of Manchester POB's (MAN_POB)
Series 2001 Manchester Taxable POB's (2001C)
From Dec 31, 2015 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 Dec 31, 2015 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 Dec 31, 2015 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 | ##### |

DEBT SERVICE BY SERIES
SRF Loans (MAN_SRF)
MWW Drinking Water (2007_SRF)
From Dec 31, 2015 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 Dec 31, 2015 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 Dec 31, 2015 to Jun 30, 2045

| Period Ending | Principal | Coupon | Interest | Debt Service |
|---------------|--------------|--------|------------|--------------|
| 6/30/2016 | 220,601.64 | 3.488% | 100,029.61 | 320,631.25 |
| 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 |
| | 2,867,821.38 | | 700,207.28 | 3,568,028.66 |

DEBT SERVICE BY SERIES
SRF Loans (MAN_SRF)
West Bridge Bremer (2008SRF4)
From Dec 31, 2015 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 Dec 31, 2015 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 Dec 31, 2015 to Jun 30, 2045

| Period Ending | Principal | Coupon | Interest | Debt Service |
|---------------|--------------|--------|------------|--------------|
| 6/30/2016 | 166,075.66 | 2.864% | 71,346.15 | 237,421.81 |
| 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 |
| | 2,491,134.87 | | 570,769.20 | 3,061,904.07 |

DEBT SERVICE BY SERIES
SRF Loans (MAN_SRF)
SECONDARY CLARIFIER UPGRADE PROJECT (2011SRF2)
From Dec 31, 2015 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 Dec 31, 2015 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 Dec 31, 2015 to Jun 30, 2045

| Period Ending | Principal | Coupon | Interest | Debt Service |
|---------------|--------------|--------|------------|--------------|
| 6/30/2016 | 182,783.10 | 2.864% | 78,523.65 | 261,306.75 |
| 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 |
| | 2,741,746.48 | | 628,189.20 | 3,369,935.68 |

DEBT SERVICE BY SERIES
SRF Loans (MAN_SRF)
DRINKING WATER - PENSTOCK (2011SRF5)
From Dec 31, 2015 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 Dec 31, 2015 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 Dec 31, 2015 to Jun 30, 2045

| Period Ending | Principal | Coupon | Interest | Debt Service |
|---------------|-----------|--------|------------|--------------|
| 6/30/2016 | 110,000 | 3.104% | 54,630.40 | 164,630.40 |
| 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 |
| | 1,760,000 | | 464,358.40 | 2,224,358.40 |

DEBT SERVICE BY SERIES
SRF Loans (MAN_SRF)
Incinerator Upgrade (2012SRF1)
From Dec 31, 2015 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 Dec 31, 2015 to Jun 30, 2045

| Period Ending | Principal | Coupon | Interest | Debt Service |
|---------------|------------|--------|-----------|--------------|
| 6/30/2016 | 35,315.68 | 1.940% | 5,084.19 | 40,399.87 |
| 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 |
| | 262,071.71 | | 20,727.40 | 282,799.11 |

DEBT SERVICE BY SERIES
SRF Loans (MAN_SRF)
Cohas Interc Phase III (2012SRF3)
From Dec 31, 2015 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 Dec 31, 2015 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 | 475,295,067.67 | 169,379,018.64 | 644,674,086.31 |



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