Prepared by Public Financial Management, Inc.

Massachusetts Clean Water Trust
Series 19
Norwood Loan Amortization
CWP-13-19

| | | | |
|---|---|---|---|
| Initial Loan Amount | 2,700,000.00 | Loan Origination Fee ($5.50/1000) | 14,514.24 |
| Principal Forgiveness | (61,048.00) | Loan Term (in years) | 20 |
| Net Loan Obligation | 2,638,952.00 | Loan Rate | 2.00% |
| | | Closing Date | 2/11/2016 |
| | | First Interest Payment | 7/15/2016 |
| | | First Principal Payment | 1/15/2017 |

| Date | Principal | Interest | Total Debt Service | Admin Fee (0.15%) | Loan Origination Fee | Total Debt Service | Annual Debt Service |
|---|---|---|---|---|---|---|---|
| 2/11/2016 | | | | | | | |
| 7/15/2016 | | 22,577.70 | 22,577.70 | 1,693.33 | 14,514.24 | 38,785.26 | |
| 1/15/2017 | 106,748.00 | 26,389.52 | 133,137.52 | 1,979.21 | | 135,116.73 | 173,902.00 |
| 7/15/2017 | | 25,322.04 | 25,322.04 | 1,899.15 | | 27,221.19 | |
| 1/15/2018 | 109,068.00 | 25,322.04 | 134,390.04 | 1,899.15 | | 136,289.19 | 163,510.39 |
| 7/15/2018 | | 24,231.36 | 24,231.36 | 1,817.35 | | 26,048.71 | |
| 1/15/2019 | 111,439.00 | 24,231.36 | 135,670.36 | 1,817.35 | | 137,487.71 | 163,536.42 |
| 7/15/2019 | | 23,116.97 | 23,116.97 | 1,733.77 | | 24,850.74 | |
| 1/15/2020 | 113,861.00 | 23,116.97 | 136,977.97 | 1,733.77 | | 138,711.74 | 163,562.49 |
| 7/15/2020 | | 21,978.36 | 21,978.36 | 1,648.38 | | 23,626.74 | |
| 1/15/2021 | 116,335.00 | 21,978.36 | 138,313.36 | 1,648.38 | | 139,961.74 | 163,588.47 |
| 7/15/2021 | | 20,815.01 | 20,815.01 | 1,561.13 | | 22,376.14 | |
| 1/15/2022 | 118,864.00 | 20,815.01 | 139,679.01 | 1,561.13 | | 141,240.14 | 163,616.27 |
| 7/15/2022 | | 19,626.37 | 19,626.37 | 1,471.98 | | 21,098.35 | |
| 1/15/2023 | 121,447.00 | 19,626.37 | 141,073.37 | 1,471.98 | | 142,545.35 | 163,643.70 |
| 7/15/2023 | | 18,411.90 | 18,411.90 | 1,380.89 | | 19,792.79 | |
| 1/15/2024 | 124,086.00 | 18,411.90 | 142,497.90 | 1,380.89 | | 143,878.79 | 163,671.59 |
| 7/15/2024 | | 17,171.04 | 17,171.04 | 1,287.83 | | 18,458.87 | |
| 1/15/2025 | 126,783.00 | 17,171.04 | 143,954.04 | 1,287.83 | | 145,241.87 | 163,700.74 |
| 7/15/2025 | | 15,903.21 | 15,903.21 | 1,192.74 | | 17,095.95 | |
| 1/15/2026 | 129,539.00 | 15,903.21 | 145,442.21 | 1,192.74 | | 146,634.95 | 163,730.90 |
| 7/15/2026 | | 14,607.82 | 14,607.82 | 1,095.59 | | 15,703.41 | |
| 1/15/2027 | 132,354.00 | 14,607.82 | 146,961.82 | 1,095.59 | | 148,057.41 | 163,760.81 |
| 7/15/2027 | | 13,284.28 | 13,284.28 | 996.32 | | 14,280.60 | |
| 1/15/2028 | 135,231.00 | 13,284.28 | 148,515.28 | 996.32 | | 149,511.60 | 163,792.20 |
| 7/15/2028 | | 11,931.97 | 11,931.97 | 894.90 | | 12,826.87 | |
| 1/15/2029 | 138,170.00 | 11,931.97 | 150,101.97 | 894.90 | | 150,996.87 | 163,823.74 |
| 7/15/2029 | | 10,550.27 | 10,550.27 | 791.27 | | 11,341.54 | |
| 1/15/2030 | 141,173.00 | 10,550.27 | 151,723.27 | 791.27 | | 152,514.54 | 163,856.08 |
| 7/15/2030 | | 9,138.54 | 9,138.54 | 685.39 | | 9,823.93 | |
| 1/15/2031 | 144,241.00 | 9,138.54 | 153,379.54 | 685.39 | | 154,064.93 | 163,888.86 |
| 7/15/2031 | | 7,696.13 | 7,696.13 | 577.21 | | 8,273.34 | |
| 1/15/2032 | 147,376.00 | 7,696.13 | 155,072.13 | 577.21 | | 155,649.34 | 163,922.68 |
| 7/15/2032 | | 6,222.37 | 6,222.37 | 466.68 | | 6,689.05 | |
| 1/15/2033 | 150,579.00 | 6,222.37 | 156,801.37 | 466.68 | | 157,268.05 | 163,957.10 |
| 7/15/2033 | | 4,716.58 | 4,716.58 | 353.74 | | 5,070.32 | |
| 1/15/2034 | 153,851.00 | 4,716.58 | 158,567.58 | 353.74 | | 158,921.32 | 163,991.65 |
| 7/15/2034 | | 3,178.07 | 3,178.07 | 238.36 | | 3,416.43 | |
| 1/15/2035 | 157,195.00 | 3,178.07 | 160,373.07 | 238.36 | | 160,611.43 | 164,027.85 |
| 7/15/2035 | | 1,606.12 | 1,606.12 | 120.46 | | 1,726.58 | |
| 1/15/2036 | 160,612.00 | 1,606.12 | 162,218.12 | 120.46 | | 162,338.58 | 164,065.16 |
| 7/15/2036 | | | | | | | |
| | 2,638,952.00 | 587,984.04 | 3,226,936.04 | 44,098.80 | 14,514.24 | 3,285,549.08 | 3,285,549.08 |

Notes:

**This project may qualify for principal forgiveness in accordance with schedule B to the Loan Agreement. Principal forgiveness shown on this schedule is an estimate, and is not a guarantee.

Prepared by Public Financial Management, Inc.

Massachusetts Clean Water Trust
Series 19
Norwood Loan Amortization
CW-11-12-A

| | | | |
|---|---|---|---|
| Initial Loan Amount | 110,127.00 | Loan Origination Fee ($5.50/1000) | 605.70 |
| Principal Forgiveness | | Loan Term (in years) | 20 |
| Net Loan Obligation | 110,127.00 | Loan Rate | 2.00% |
| | | Closing Date | 2/11/2016 |
| | | First Interest Payment | 7/15/2016 |
| | | First Principal Payment | 1/15/2017 |

| Date | Principal | Interest | Total Debt Service | Admin Fee (0.15%) | Loan Origination Fee | Total Debt Service | Annual Debt Service |
|---|---|---|---|---|---|---|---|
| 2/11/2016 | | | | | | | |
| 7/15/2016 | | 942.20 | 942.20 | 70.66 | 605.70 | 1,618.56 | |
| 1/15/2017 | 4,455.00 | 1,101.27 | 5,556.27 | 82.60 | | 5,638.87 | 7,257.43 |
| 7/15/2017 | | 1,056.72 | 1,056.72 | 79.25 | | 1,135.97 | |
| 1/15/2018 | 4,552.00 | 1,056.72 | 5,608.72 | 79.25 | | 5,687.97 | 6,823.95 |
| 7/15/2018 | | 1,011.20 | 1,011.20 | 75.84 | | 1,087.04 | |
| 1/15/2019 | 4,651.00 | 1,011.20 | 5,662.20 | 75.84 | | 5,738.04 | 6,825.08 |
| 7/15/2019 | | 964.69 | 964.69 | 72.35 | | 1,037.04 | |
| 1/15/2020 | 4,752.00 | 964.69 | 5,716.69 | 72.35 | | 5,789.04 | 6,826.08 |
| 7/15/2020 | | 917.17 | 917.17 | 68.79 | | 985.96 | |
| 1/15/2021 | 4,855.00 | 917.17 | 5,772.17 | 68.79 | | 5,840.96 | 6,826.92 |
| 7/15/2021 | | 868.62 | 868.62 | 65.15 | | 933.77 | |
| 1/15/2022 | 4,960.00 | 868.62 | 5,828.62 | 65.15 | | 5,893.77 | 6,827.53 |
| 7/15/2022 | | 819.02 | 819.02 | 61.43 | | 880.45 | |
| 1/15/2023 | 5,068.00 | 819.02 | 5,887.02 | 61.43 | | 5,948.45 | 6,828.89 |
| 7/15/2023 | | 768.34 | 768.34 | 57.63 | | 825.97 | |
| 1/15/2024 | 5,178.00 | 768.34 | 5,946.34 | 57.63 | | 6,003.97 | 6,829.93 |
| 7/15/2024 | | 716.56 | 716.56 | 53.74 | | 770.30 | |
| 1/15/2025 | 5,291.00 | 716.56 | 6,007.56 | 53.74 | | 6,061.30 | 6,831.60 |
| 7/15/2025 | | 663.65 | 663.65 | 49.77 | | 713.42 | |
| 1/15/2026 | 5,406.00 | 663.65 | 6,069.65 | 49.77 | | 6,119.42 | 6,832.85 |
| 7/15/2026 | | 609.59 | 609.59 | 45.72 | | 655.31 | |
| 1/15/2027 | 5,523.00 | 609.59 | 6,132.59 | 45.72 | | 6,178.31 | 6,833.62 |
| 7/15/2027 | | 554.36 | 554.36 | 41.58 | | 595.94 | |
| 1/15/2028 | 5,643.00 | 554.36 | 6,197.36 | 41.58 | | 6,238.94 | 6,834.87 |
| 7/15/2028 | | 497.93 | 497.93 | 37.34 | | 535.27 | |
| 1/15/2029 | 5,766.00 | 497.93 | 6,263.93 | 37.34 | | 6,301.27 | 6,836.55 |
| 7/15/2029 | | 440.27 | 440.27 | 33.02 | | 473.29 | |
| 1/15/2030 | 5,891.00 | 440.27 | 6,331.27 | 33.02 | | 6,364.29 | 6,837.58 |
| 7/15/2030 | | 381.36 | 381.36 | 28.60 | | 409.96 | |
| 1/15/2031 | 6,019.00 | 381.36 | 6,400.36 | 28.60 | | 6,428.96 | 6,838.92 |
| 7/15/2031 | | 321.17 | 321.17 | 24.09 | | 345.26 | |
| 1/15/2032 | 6,150.00 | 321.17 | 6,471.17 | 24.09 | | 6,495.26 | 6,840.52 |
| 7/15/2032 | | 259.67 | 259.67 | 19.48 | | 279.15 | |
| 1/15/2033 | 6,284.00 | 259.67 | 6,543.67 | 19.48 | | 6,563.15 | 6,842.29 |
| 7/15/2033 | | 196.83 | 196.83 | 14.76 | | 211.59 | |
| 1/15/2034 | 6,420.00 | 196.83 | 6,616.83 | 14.76 | | 6,631.59 | 6,843.18 |
| 7/15/2034 | | 132.63 | 132.63 | 9.95 | | 142.58 | |
| 1/15/2035 | 6,560.00 | 132.63 | 6,692.63 | 9.95 | | 6,702.58 | 6,845.15 |
| 7/15/2035 | | 67.03 | 67.03 | 5.03 | | 72.06 | |
| 1/15/2036 | 6,703.00 | 67.03 | 6,770.03 | 5.03 | | 6,775.06 | 6,847.11 |
| 7/15/2036 | | | | | | | |
| | 110,127.00 | 24,537.09 | 134,664.09 | 1,840.28 | 605.70 | 137,110.07 | 137,110.07 |

# Massachusetts Water Pollution Abatement Trust
## Series 17A
## NORWOOD Loan Amortization
## CW-11-12

| | | | |
|---|---|---|---|
| Initial Loan Amount | 2,175,000.00 | Loan Origination Fee ($5.50/1000) | 11,962.50 |
| Principal Forgiveness | - | Loan Term (in years) | 20 |
| Net Loan Obligation | 2,175,000.00 | Loan Rate | 2.00% |
| | | Closing Date | 5/22/2013 |
| | | First Interest Payment | 7/15/2013 |
| | | First Principal Payment | 1/15/2014 |

| Date | Principal | Interest | Total Debt Service | Admin Fee (0.15%) | Loan Origination Fee | Total Debt Service | Annual Debt Service |
|---|---|---|---|---|---|---|---|
| 5/22/2013 | | | | | | | |
| 7/15/2013 | | 6,404.17 | 6,404.17 | 480.31 | 11,962.50 | 18,846.98 | |
| 1/15/2014 | 87,981.00 | 21,750.00 | 109,731.00 | 1,631.25 | | 111,362.25 | 130,209.23 |
| 7/15/2014 | | 20,870.19 | 20,870.19 | 1,565.26 | | 22,435.45 | |
| 1/15/2015 | 89,893.00 | 20,870.19 | 110,763.19 | 1,565.26 | | 112,328.45 | 134,763.91 |
| 7/15/2015 | | 19,971.26 | 19,971.26 | 1,497.84 | | 21,469.10 | |
| 1/15/2016 | 91,847.00 | 19,971.26 | 111,818.26 | 1,497.84 | | 113,316.10 | 134,785.21 |
| 7/15/2016 | | 19,052.79 | 19,052.79 | 1,428.96 | | 20,481.75 | |
| 1/15/2017 | 93,843.00 | 19,052.79 | 112,895.79 | 1,428.96 | | 114,324.75 | 134,806.50 |
| 7/15/2017 | | 18,114.36 | 18,114.36 | 1,358.58 | | 19,472.94 | |
| 1/15/2018 | 95,882.00 | 18,114.36 | 113,996.36 | 1,358.58 | | 115,354.94 | 134,827.87 |
| 7/15/2018 | | 17,155.54 | 17,155.54 | 1,286.67 | | 18,442.21 | |
| 1/15/2019 | 97,966.00 | 17,155.54 | 115,121.54 | 1,286.67 | | 116,408.21 | 134,850.41 |
| 7/15/2019 | | 16,175.88 | 16,175.88 | 1,213.19 | | 17,389.07 | |
| 1/15/2020 | 100,095.00 | 16,175.88 | 116,270.88 | 1,213.19 | | 117,484.07 | 134,873.14 |
| 7/15/2020 | | 15,174.93 | 15,174.93 | 1,138.12 | | 16,313.05 | |
| 1/15/2021 | 102,271.00 | 15,174.93 | 117,445.93 | 1,138.12 | | 118,584.05 | 134,897.10 |
| 7/15/2021 | | 14,152.22 | 14,152.22 | 1,061.42 | | 15,213.64 | |
| 1/15/2022 | 104,494.00 | 14,152.22 | 118,646.22 | 1,061.42 | | 119,707.64 | 134,921.27 |
| 7/15/2022 | | 13,107.28 | 13,107.28 | 983.05 | | 14,090.33 | |
| 1/15/2023 | 106,765.00 | 13,107.28 | 119,872.28 | 983.05 | | 120,855.33 | 134,945.65 |
| 7/15/2023 | | 12,039.63 | 12,039.63 | 902.97 | | 12,942.60 | |
| 1/15/2024 | 109,085.00 | 12,039.63 | 121,124.63 | 902.97 | | 122,027.60 | 134,970.20 |
| 7/15/2024 | | 10,948.78 | 10,948.78 | 821.16 | | 11,769.94 | |
| 1/15/2025 | 111,456.00 | 10,948.78 | 122,404.78 | 821.16 | | 123,225.94 | 134,995.88 |
| 7/15/2025 | | 9,834.22 | 9,834.22 | 737.57 | | 10,571.79 | |
| 1/15/2026 | 113,878.00 | 9,834.22 | 123,712.22 | 737.57 | | 124,449.79 | 135,021.57 |
| 7/15/2026 | | 8,695.44 | 8,695.44 | 652.16 | | 9,347.60 | |
| 1/15/2027 | 116,353.00 | 8,695.44 | 125,048.44 | 652.16 | | 125,700.60 | 135,048.20 |
| 7/15/2027 | | 7,531.91 | 7,531.91 | 564.89 | | 8,096.80 | |
| 1/15/2028 | 118,882.00 | 7,531.91 | 126,413.91 | 564.89 | | 126,978.80 | 135,075.61 |
| 7/15/2028 | | 6,343.09 | 6,343.09 | 475.73 | | 6,818.82 | |
| 1/15/2029 | 121,466.00 | 6,343.09 | 127,809.09 | 475.73 | | 128,284.82 | 135,103.64 |
| 7/15/2029 | | 5,128.43 | 5,128.43 | 384.63 | | 5,513.06 | |
| 1/15/2030 | 124,106.00 | 5,128.43 | 129,234.43 | 384.63 | | 129,619.06 | 135,132.12 |
| 7/15/2030 | | 3,887.37 | 3,887.37 | 291.55 | | 4,178.92 | |
| 1/15/2031 | 126,803.00 | 3,887.37 | 130,690.37 | 291.55 | | 130,981.92 | 135,160.85 |
| 7/15/2031 | | 2,619.34 | 2,619.34 | 196.45 | | 2,815.79 | |
| 1/15/2032 | 129,559.00 | 2,619.34 | 132,178.34 | 196.45 | | 132,374.79 | 135,190.58 |
| 7/15/2032 | | 1,323.75 | 1,323.75 | 99.28 | | 1,423.03 | |
| 1/15/2033 | 132,375.00 | 1,323.75 | 133,698.75 | 99.28 | | 133,798.03 | 135,221.06 |
| 7/15/2033 | | | | | | | |
| | 2,175,000.00 | 472,406.99 | 2,647,406.99 | 35,430.52 | 11,962.50 | 2,694,800.01 | 2,694,800.01 |

# Massachusetts Water Pollution Abatement Trust
# Series 16
# Norwood Loan Amortization
# CW-10-02

| | | | |
|---|---|---|---|
| Initial Loan Amount | 1,600,000.00 | Loan Origination Fee ($5.57/1000) | 8,912.00 |
| Principal Forgiveness | - | Loan Term (in years) | 20 |
| Net Loan Obligation | 1,600,000.00 | Loan Rate | 2.00% |
| | | Closing Date | 6/13/2012 |
| | | First Payment | 1/15/2013 |

| Date | Principal | Interest | Total Debt Service | Admin Fee (0.15%) | Loan Origination Fee | Total Debt Service | Annual Debt Service |
|---|---|---|---|---|---|---|---|
| 6/13/2012 | | | | | | | |
| 1/15/2013 | | 18,844.44 | 18,844.44 | 1,200.00 | 8,912.00 | 28,956.44 | 28,956.44 |
| 7/15/2013 | 64,722.00 | 16,000.00 | 80,722.00 | 1,200.00 | | 81,922.00 | |
| 1/15/2014 | | 15,352.78 | 15,352.78 | 1,151.46 | | 16,504.24 | 98,426.24 |
| 7/15/2014 | 66,128.00 | 15,352.78 | 81,480.78 | 1,151.46 | | 82,632.24 | |
| 1/15/2015 | | 14,691.50 | 14,691.50 | 1,101.86 | | 15,793.36 | 98,425.60 |
| 7/15/2015 | 67,565.00 | 14,691.50 | 82,256.50 | 1,101.86 | | 83,358.36 | |
| 1/15/2016 | | 14,015.85 | 14,015.85 | 1,051.19 | | 15,067.04 | 98,425.40 |
| 7/15/2016 | 69,034.00 | 14,015.85 | 83,049.85 | 1,051.19 | | 84,101.04 | |
| 1/15/2017 | | 13,325.51 | 13,325.51 | 999.41 | | 14,324.92 | 98,425.96 |
| 7/15/2017 | 70,534.00 | 13,325.51 | 83,859.51 | 999.41 | | 84,858.92 | |
| 1/15/2018 | | 12,620.17 | 12,620.17 | 946.51 | | 13,566.68 | 98,425.61 |
| 7/15/2018 | 72,067.00 | 12,620.17 | 84,687.17 | 946.51 | | 85,633.68 | |
| 1/15/2019 | | 11,899.50 | 11,899.50 | 892.46 | | 12,791.96 | 98,425.65 |
| 7/15/2019 | 73,633.00 | 11,899.50 | 85,532.50 | 892.46 | | 86,424.96 | |
| 1/15/2020 | | 11,163.17 | 11,163.17 | 837.24 | | 12,000.41 | 98,425.37 |
| 7/15/2020 | 75,234.00 | 11,163.17 | 86,397.17 | 837.24 | | 87,234.41 | |
| 1/15/2021 | | 10,410.83 | 10,410.83 | 780.81 | | 11,191.64 | 98,426.05 |
| 7/15/2021 | 76,869.00 | 10,410.83 | 87,279.83 | 780.81 | | 88,060.64 | |
| 1/15/2022 | | 9,642.14 | 9,642.14 | 723.16 | | 10,365.30 | 98,425.94 |
| 7/15/2022 | 78,540.00 | 9,642.14 | 88,182.14 | 723.16 | | 88,905.30 | |
| 1/15/2023 | | 8,856.74 | 8,856.74 | 664.26 | | 9,521.00 | 98,426.30 |
| 7/15/2023 | 80,247.00 | 8,856.74 | 89,103.74 | 664.26 | | 89,768.00 | |
| 1/15/2024 | | 8,054.27 | 8,054.27 | 604.07 | | 8,658.34 | 98,426.34 |
| 7/15/2024 | 81,991.00 | 8,054.27 | 90,045.27 | 604.07 | | 90,649.34 | |
| 1/15/2025 | | 7,234.36 | 7,234.36 | 542.58 | | 7,776.94 | 98,426.28 |
| 7/15/2025 | 83,773.00 | 7,234.36 | 91,007.36 | 542.58 | | 91,549.94 | |
| 1/15/2026 | | 6,396.63 | 6,396.63 | 479.75 | | 6,876.38 | 98,426.31 |
| 7/15/2026 | 85,593.00 | 6,396.63 | 91,989.63 | 479.75 | | 92,469.38 | |
| 1/15/2027 | | 5,540.70 | 5,540.70 | 415.55 | | 5,956.25 | 98,425.63 |
| 7/15/2027 | 87,453.00 | 5,540.70 | 92,993.70 | 415.55 | | 93,409.25 | |
| 1/15/2028 | | 4,666.17 | 4,666.17 | 349.96 | | 5,016.13 | 98,425.39 |
| 7/15/2028 | 89,354.00 | 4,666.17 | 94,020.17 | 349.96 | | 94,370.13 | |
| 1/15/2029 | | 3,772.63 | 3,772.63 | 282.95 | | 4,055.58 | 98,425.71 |
| 7/15/2029 | 91,296.00 | 3,772.63 | 95,068.63 | 282.95 | | 95,351.58 | |
| 1/15/2030 | | 2,859.67 | 2,859.67 | 214.48 | | 3,074.15 | 98,425.72 |
| 7/15/2030 | 93,280.00 | 2,859.67 | 96,139.67 | 214.48 | | 96,354.15 | |
| 1/15/2031 | | 1,926.87 | 1,926.87 | 144.52 | | 2,071.39 | 98,425.53 |
| 7/15/2031 | 95,308.00 | 1,926.87 | 97,234.87 | 144.52 | | 97,379.39 | |
| 1/15/2032 | | 973.79 | 973.79 | 73.03 | | 1,046.82 | 98,426.21 |
| 7/15/2032 | 97,379.00 | 973.79 | 98,352.79 | 73.03 | | 98,425.82 | |
| 1/15/2033 | | | | | | | 98,425.82 |
| | 1,600,000.00 | 361,651.00 | 1,961,651.00 | 26,910.49 | 8,912.00 | 1,997,473.50 | 1,997,473.50 |

Notes:

* Not withstanding the schedule of Loan Repayments set forth above, until the Loan is refinanced with proceeds of bonds to be issued by the Trust interest shall accrue at the Discount Rate set forth in the Loan Agreement only on that portion of the Loan that has been disbursed to or for the account of the Borrower, payable on the date of such refinancing. Thereafter, Loan Repayments shall be payable on the Loan in accordance.

**This project may qualify for principal forgiveness in accordance with schedule B to the Loan Agreement. Principal forgiveness shown on this schedule is an estimate, and is not a guarantee.

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 5
Norwood
98-78
Final Loan Structuring Analysis

AMENDED SCHEDULE C

| G.E. | 50.00% |
|---|---|

Schedule of Loan Repayments

| Initial Loan Obligation: | 694,455.00 |
|---|---|

| | Scheduled Loan Repayments | | | Loan Subsidy Amounts | | | Net Loan Repayment | | |
|---|---|---|---|---|---|---|---|---|---|
| Date | Principal | Interest | Total | DSRF Earnings | Contract Assistance | Total | Principal | Interest | Total |
| 01-Feb-05 | 0.00 | 16,433.75 | 16,433.75 | 9,247.02 | 0.00 | 9,247.02 | 0.00 | 7,186.74 | 7,186.74 |
| 01-Aug-05 | 37,899.00 | 17,108.19 | 55,007.19 | 9,247.02 | 16,622.98 | 25,869.99 | 29,137.19 | 0.00 | 29,137.19 |
| 01-Feb-06 | 0.00 | 18,039.72 | 18,039.72 | 8,742.37 | 780.15 | 9,522.52 | 0.00 | 8,517.20 | 8,517.20 |
| 01-Aug-06 | 38,809.00 | 15,491.44 | 54,300.44 | 8,742.37 | 16,527.52 | 25,269.89 | 29,030.54 | 0.00 | 29,030.54 |
| 01-Feb-07 | 0.00 | 17,594.10 | 17,594.10 | 8,225.61 | 780.15 | 9,005.76 | 0.00 | 8,588.34 | 8,588.34 |
| 01-Aug-07 | 39,889.00 | 14,892.20 | 54,781.20 | 8,225.61 | 17,030.84 | 25,256.45 | 29,524.75 | 0.00 | 29,524.75 |
| 01-Feb-08 | 0.00 | 17,134.16 | 17,134.16 | 7,694.47 | 780.15 | 8,474.62 | 0.00 | 8,659.54 | 8,659.54 |
| 01-Aug-08 | 40,905.00 | 12,240.54 | 53,145.54 | 7,694.47 | 16,530.46 | 24,224.93 | 28,920.62 | 0.00 | 28,920.62 |
| 01-Feb-09 | 0.00 | 16,756.24 | 16,756.24 | 7,149.80 | 780.15 | 7,929.95 | 0.00 | 8,826.29 | 8,826.29 |
| 01-Aug-09 | 41,953.00 | 11,660.03 | 53,613.03 | 7,149.80 | 17,071.03 | 24,220.83 | 29,392.20 | 0.00 | 29,392.20 |
| 01-Feb-10 | 0.00 | 16,334.91 | 16,334.91 | 6,591.17 | 780.15 | 7,371.32 | 0.00 | 8,963.59 | 8,963.59 |
| 01-Aug-10 | 45,000.00 | 7,099.40 | 52,099.40 | 6,591.17 | 15,282.58 | 21,873.76 | 30,225.64 | 0.00 | 30,225.64 |
| 01-Feb-11 | 0.00 | 15,092.39 | 15,092.39 | 5,991.98 | 780.15 | 6,772.13 | 0.00 | 8,320.27 | 8,320.27 |
| 01-Aug-11 | 45,000.00 | 7,074.28 | 52,074.28 | 5,991.98 | 16,126.81 | 22,118.79 | 29,955.49 | 0.00 | 29,955.49 |
| 01-Feb-12 | 0.00 | 14,471.59 | 14,471.59 | 5,392.78 | 780.15 | 6,172.93 | 0.00 | 8,298.66 | 8,298.66 |
| 01-Aug-12 | 45,000.00 | 7,968.00 | 52,968.00 | 5,392.78 | 16,613.21 | 22,005.99 | 30,962.01 | 0.00 | 30,962.01 |
| 01-Feb-13 | 0.00 | 12,103.78 | 12,103.78 | 4,793.58 | 780.15 | 5,573.73 | 0.00 | 6,530.05 | 6,530.05 |
| 01-Aug-13 | 45,000.00 | 7,256.56 | 52,256.56 | 4,793.58 | 17,011.56 | 21,805.14 | 30,451.42 | 0.00 | 30,451.42 |
| 01-Feb-14 | 0.00 | 11,136.92 | 11,136.92 | 4,194.38 | 780.15 | 4,974.53 | 0.00 | 6,162.39 | 6,162.39 |
| 01-Aug-14 | 50,000.00 | 6,380.73 | 56,380.73 | 4,194.38 | 16,594.23 | 20,788.61 | 35,592.12 | 0.00 | 35,592.12 |
| 01-Feb-15 | 0.00 | 8,565.59 | 8,565.59 | 3,528.61 | 780.15 | 4,308.76 | 0.00 | 4,256.83 | 4,256.83 |
| 01-Aug-15 | 50,000.00 | 5,589.04 | 55,589.04 | 3,528.61 | 16,591.20 | 20,119.81 | 35,469.23 | 0.00 | 35,469.23 |
| 01-Feb-16 | 0.00 | 6,663.73 | 6,663.73 | 2,862.83 | 780.15 | 3,642.98 | 0.00 | 3,020.74 | 3,020.74 |
| 01-Aug-16 | 50,000.00 | 4,887.22 | 54,887.22 | 2,862.83 | 16,662.43 | 19,525.26 | 35,361.96 | 0.00 | 35,361.96 |
| 01-Feb-17 | 0.00 | 4,757.99 | 4,757.99 | 2,197.06 | 780.15 | 2,977.21 | 0.00 | 1,780.79 | 1,780.79 |
| 01-Aug-17 | 55,000.00 | 3,939.09 | 58,939.09 | 2,197.06 | 16,865.61 | 19,062.67 | 39,876.42 | 0.00 | 39,876.42 |
| 01-Feb-18 | 0.00 | 2,682.42 | 2,682.42 | 1,464.71 | 574.48 | 2,039.19 | 0.00 | 643.23 | 643.23 |
| 01-Aug-18 | 55,000.00 | 2,982.10 | 57,982.10 | 1,464.71 | 17,375.79 | 18,840.50 | 39,141.60 | 0.00 | 39,141.60 |
| 01-Feb-19 | 0.00 | 1,116.41 | 1,116.41 | 732.35 | 384.06 | 1,116.41 | 0.00 | 0.00 | 0.00 |
| 01-Aug-19 | 55,000.00 | 1,512.50 | 56,512.50 | 732.35 | 17,233.57 | 17,965.92 | 38,546.58 | 0.00 | 38,546.58 |
| 01-Feb-20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-Aug-20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-Feb-21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-Aug-21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-Feb-22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-Aug-22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-Feb-23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | $694,455.00 | $304,965.01 | $999,420.01 | $157,617.41 | $260,460.18 | $418,077.59 | $491,587.78 | $89,754.64 | $581,342.42 |

**Massachusetts Water Pollution Abatement Trust**
**Water Pollution Abatement Revenue Bonds**
**(Pool Loan Program Bonds)**
**Series 5**

| |
|---|
| **Norwood** |
| **98-78** |

**Final Loan Structuring Analysis**

**Administrative Fee Schedule**

| Date | Principal Outstanding | Administrative Fee Payable @ 0.075000% |
|---|---|---|
| 06-Oct-1999 | | |
| 01-Feb-2000 | 874,211.00 | 418.89 |
| 01-Aug-2000 | 874,211.00 | 655.66 |
| 01-Feb-2001 | 839,401.00 | 629.55 |
| 01-Aug-2001 | 839,401.00 | 629.55 |
| 01-Feb-2002 | 804,045.00 | 603.03 |
| 01-Aug-2002 | 804,045.00 | 603.03 |
| 01-Feb-2003 | 768,139.00 | 576.10 |
| 01-Aug-2003 | 768,139.00 | 576.10 |
| 01-Feb-2004 | 731,630.00 | 548.72 |
| 01-Aug-2004 | 731,630.00 | 548.72 |
| 01-Feb-2005 | 694,455.00 | 520.84 |
| 01-Aug-2005 | 694,455.00 | 520.84 |
| 01-Feb-2006 | 656,556.00 | 492.42 |
| 01-Aug-2006 | 656,556.00 | 492.42 |
| 01-Feb-2007 | 617,747.00 | 463.31 |
| 01-Aug-2007 | 617,747.00 | 463.31 |
| 01-Feb-2008 | 577,858.00 | 433.39 |
| 01-Aug-2008 | 577,858.00 | 433.39 |
| 01-Feb-2009 | 536,953.00 | 402.71 |
| 01-Aug-2009 | 536,953.00 | 402.71 |
| 01-Feb-2010 | 495,000.00 | 371.25 |
| 01-Aug-2010 | 495,000.00 | 371.25 |
| 01-Feb-2011 | 450,000.00 | 337.50 |
| 01-Aug-2011 | 450,000.00 | 337.50 |
| 01-Feb-2012 | 405,000.00 | 303.75 |
| 01-Aug-2012 | 405,000.00 | 303.75 |
| 01-Feb-2013 | 360,000.00 | 270.00 |
| 01-Aug-2013 | 360,000.00 | 270.00 |
| 01-Feb-2014 | 315,000.00 | 236.25 |
| 01-Aug-2014 | 315,000.00 | 236.25 |
| 01-Feb-2015 | 265,000.00 | 198.75 |
| 01-Aug-2015 | 265,000.00 | 198.75 |
| 01-Feb-2016 | 215,000.00 | 161.25 |
| 01-Aug-2016 | 215,000.00 | 161.25 |
| 01-Feb-2017 | 165,000.00 | 123.75 |
| 01-Aug-2017 | 165,000.00 | 123.75 |
| 01-Feb-2018 | 110,000.00 | 82.50 |
| 01-Aug-2018 | 110,000.00 | 82.50 |
| 01-Feb-2019 | 55,000.00 | 41.25 |
| 01-Aug-2019 | 55,000.00 | 41.25 |
| 01-Feb-2020 | 0.00 | 0.00 |
| 01-Aug-2020 | 0.00 | 0.00 |
| 01-Feb-2021 | 0.00 | 0.00 |
| 01-Aug-2021 | 0.00 | 0.00 |
| 01-Feb-2022 | 0.00 | 0.00 |
| 01-Aug-2022 | 0.00 | 0.00 |
| 01-Feb-2023 | 0.00 | 0.00 |
| 01-Aug-2023 | 0.00 | 0.00 |
| 01-Feb-2024 | 0.00 | 0.00 |
| 01-Aug-2024 | 0.00 | 0.00 |
| 01-Feb-2025 | 0.00 | 0.00 |
| 01-Aug-2025 | 0.00 | 0.00 |
| 01-Feb-2026 | 0.00 | 0.00 |
| 01-Aug-2026 | 0.00 | 0.00 |
| 01-Feb-2027 | 0.00 | 0.00 |
| 01-Aug-2027 | 0.00 | 0.00 |
| 01-Feb-2028 | 0.00 | 0.00 |
| 01-Aug-2028 | 0.00 | 0.00 |
| 01-Feb-2029 | 0.00 | 0.00 |
| 01-Aug-2029 | 0.00 | 0.00 |
| 01-Feb-2030 | 0.00 | 0.00 |
| 01-Aug-2030 | 0.00 | 0.00 |
| | | $14,667.19 |

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 5
Norwood
99-30
Final Loan Structuring Analysis

AMENDED SCHEDULE C

| G.E. | 50.00% |
|---|---|

Schedule of Loan Repayments

| Initial Loan Obligation: | $201,400.00 |
|---|---|

| | Scheduled Loan Repayments | | | Loan Subsidy Amounts | | | Net Loan Repayment | | |
|---|---|---|---|---|---|---|---|---|---|
| Date | Principal | Interest | Total | DSRF Earnings | Contract Assistance | Total | Principal | Interest | Total |
| 01-Feb-05 | 0.00 | 4,781.26 | 4,781.26 | 2,681.74 | 0.00 | 2,681.74 | 0.00 | 2,099.51 | 2,099.51 |
| 01-Aug-05 | 10,713.00 | 4,962.93 | 15,675.93 | 2,681.74 | 4,804.44 | 7,486.18 | 8,189.75 | 0.00 | 8,189.75 |
| 01-Feb-06 | 0.00 | 5,246.69 | 5,246.69 | 2,539.09 | 212.77 | 2,751.86 | 0.00 | 2,494.82 | 2,494.82 |
| 01-Aug-06 | 10,972.00 | 4,497.17 | 15,469.17 | 2,539.09 | 4,776.36 | 7,315.46 | 8,153.72 | 0.00 | 8,153.72 |
| 01-Feb-07 | 0.00 | 5,127.23 | 5,127.23 | 2,393.00 | 212.77 | 2,605.77 | 0.00 | 2,521.47 | 2,521.47 |
| 01-Aug-07 | 11,280.00 | 4,332.54 | 15,612.54 | 2,393.00 | 4,924.40 | 7,317.40 | 8,295.14 | 0.00 | 8,295.14 |
| 01-Feb-08 | 0.00 | 5,003.83 | 5,003.83 | 2,242.80 | 212.77 | 2,455.57 | 0.00 | 2,548.26 | 2,548.26 |
| 01-Aug-08 | 11,570.00 | 3,564.49 | 15,134.49 | 2,242.80 | 4,777.23 | 7,020.02 | 8,114.47 | 0.00 | 8,114.47 |
| 01-Feb-09 | 0.00 | 4,903.74 | 4,903.74 | 2,088.74 | 212.77 | 2,301.51 | 0.00 | 2,602.24 | 2,602.24 |
| 01-Aug-09 | 11,865.00 | 3,404.82 | 15,269.82 | 2,088.74 | 4,936.22 | 7,024.96 | 8,244.86 | 0.00 | 8,244.86 |
| 01-Feb-10 | 0.00 | 4,792.28 | 4,792.28 | 1,930.75 | 212.77 | 2,143.52 | 0.00 | 2,648.76 | 2,648.76 |
| 01-Aug-10 | 10,000.00 | 2,347.71 | 12,347.71 | 1,930.75 | 4,491.66 | 6,422.41 | 5,925.30 | 0.00 | 5,925.30 |
| 01-Feb-11 | 0.00 | 4,398.81 | 4,398.81 | 1,797.59 | 212.77 | 2,010.36 | 0.00 | 2,388.45 | 2,388.45 |
| 01-Aug-11 | 15,000.00 | 2,003.35 | 17,003.35 | 1,797.59 | 4,628.63 | 6,426.22 | 10,577.13 | 0.00 | 10,577.13 |
| 01-Feb-12 | 0.00 | 4,363.98 | 4,363.98 | 1,597.86 | 212.77 | 1,810.63 | 0.00 | 2,553.35 | 2,553.35 |
| 01-Aug-12 | 15,000.00 | 2,277.06 | 17,277.06 | 1,597.86 | 4,785.10 | 6,382.96 | 10,894.09 | 0.00 | 10,894.09 |
| 01-Feb-13 | 0.00 | 3,587.59 | 3,587.59 | 1,398.13 | 212.77 | 1,610.90 | 0.00 | 1,976.69 | 1,976.69 |
| 01-Aug-13 | 15,000.00 | 2,034.61 | 17,034.61 | 1,398.13 | 4,912.95 | 6,311.08 | 10,723.54 | 0.00 | 10,723.54 |
| 01-Feb-14 | 0.00 | 3,260.72 | 3,260.72 | 1,198.40 | 212.77 | 1,411.17 | 0.00 | 1,849.56 | 1,849.56 |
| 01-Aug-14 | 15,000.00 | 1,796.05 | 16,796.05 | 1,198.40 | 4,794.69 | 5,993.09 | 10,802.96 | 0.00 | 10,802.96 |
| 01-Feb-15 | 0.00 | 2,437.78 | 2,437.78 | 998.66 | 212.77 | 1,211.43 | 0.00 | 1,226.35 | 1,226.35 |
| 01-Aug-15 | 15,000.00 | 1,556.59 | 16,556.59 | 998.66 | 4,793.90 | 5,792.56 | 10,764.03 | 0.00 | 10,764.03 |
| 01-Feb-16 | 0.00 | 1,869.40 | 1,869.40 | 798.93 | 212.77 | 1,011.70 | 0.00 | 857.70 | 857.70 |
| 01-Aug-16 | 15,000.00 | 1,343.94 | 16,343.94 | 798.93 | 4,815.14 | 5,614.07 | 10,729.86 | 0.00 | 10,729.86 |
| 01-Feb-17 | 0.00 | 1,299.54 | 1,299.54 | 599.20 | 212.77 | 811.97 | 0.00 | 487.57 | 487.57 |
| 01-Aug-17 | 15,000.00 | 1,074.30 | 16,074.30 | 599.20 | 4,883.68 | 5,482.88 | 10,591.42 | 0.00 | 10,591.42 |
| 01-Feb-18 | 0.00 | 731.57 | 731.57 | 399.47 | 156.68 | 556.14 | 0.00 | 175.42 | 175.42 |
| 01-Aug-18 | 15,000.00 | 813.30 | 15,813.30 | 399.47 | 5,022.82 | 5,422.28 | 10,391.02 | 0.00 | 10,391.02 |
| 01-Feb-19 | 0.00 | 304.47 | 304.47 | 199.73 | 104.74 | 304.48 | 0.00 | 0.00 | 0.00 |
| 01-Aug-19 | 15,000.00 | 412.50 | 15,412.50 | 199.73 | 4,984.03 | 5,183.76 | 10,228.74 | 0.00 | 10,228.74 |
| 01-Feb-20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-Aug-20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-Feb-21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-Aug-21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-Feb-22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-Aug-22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 01-Feb-23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | $201,400.00 | $88,530.25 | $289,930.25 | $45,728.14 | $75,145.93 | $120,874.07 | $142,626.02 | $26,430.16 | $169,056.18 |

**Massachusetts Water Pollution Abatement Trust**
**Water Pollution Abatement Revenue Bonds**
**(Pool Loan Program Bonds)**
**Series 5**
**Norwood**
**99-30**
**Final Loan Structuring Analysis**

**Administrative Fee Schedule**

| Date | Principal Outstanding | Administrative Fee Payable @ 0.075000% |
|---|---|---|
| 06-Oct-1999 | | |
| 01-Feb-2000 | 252,186.00 | 120.84 |
| 01-Aug-2000 | 252,186.00 | 189.14 |
| 01-Feb-2001 | 242,354.00 | 181.77 |
| 01-Aug-2001 | 242,354.00 | 181.77 |
| 01-Feb-2002 | 232,366.00 | 174.27 |
| 01-Aug-2002 | 232,366.00 | 174.27 |
| 01-Feb-2003 | 222,222.00 | 166.67 |
| 01-Aug-2003 | 222,222.00 | 166.67 |
| 01-Feb-2004 | 211,906.00 | 158.93 |
| 01-Aug-2004 | 211,906.00 | 158.93 |
| 01-Feb-2005 | 201,400.00 | 151.05 |
| 01-Aug-2005 | 201,400.00 | 151.05 |
| 01-Feb-2006 | 190,687.00 | 143.02 |
| 01-Aug-2006 | 190,687.00 | 143.02 |
| 01-Feb-2007 | 179,715.00 | 134.79 |
| 01-Aug-2007 | 179,715.00 | 134.79 |
| 01-Feb-2008 | 168,435.00 | 126.33 |
| 01-Aug-2008 | 168,435.00 | 126.33 |
| 01-Feb-2009 | 156,865.00 | 117.65 |
| 01-Aug-2009 | 156,865.00 | 117.65 |
| 01-Feb-2010 | 145,000.00 | 108.75 |
| 01-Aug-2010 | 145,000.00 | 108.75 |
| 01-Feb-2011 | 135,000.00 | 101.25 |
| 01-Aug-2011 | 135,000.00 | 101.25 |
| 01-Feb-2012 | 120,000.00 | 90.00 |
| 01-Aug-2012 | 120,000.00 | 90.00 |
| 01-Feb-2013 | 105,000.00 | 78.75 |
| 01-Aug-2013 | 105,000.00 | 78.75 |
| 01-Feb-2014 | 90,000.00 | 67.50 |
| 01-Aug-2014 | 90,000.00 | 67.50 |
| 01-Feb-2015 | 75,000.00 | 56.25 |
| 01-Aug-2015 | 75,000.00 | 56.25 |
| 01-Feb-2016 | 60,000.00 | 45.00 |
| 01-Aug-2016 | 60,000.00 | 45.00 |
| 01-Feb-2017 | 45,000.00 | 33.75 |
| 01-Aug-2017 | 45,000.00 | 33.75 |
| 01-Feb-2018 | 30,000.00 | 22.50 |
| 01-Aug-2018 | 30,000.00 | 22.50 |
| 01-Feb-2019 | 15,000.00 | 11.25 |
| 01-Aug-2019 | 15,000.00 | 11.25 |
| 01-Feb-2020 | 0.00 | 0.00 |
| 01-Aug-2020 | 0.00 | 0.00 |
| 01-Feb-2021 | 0.00 | 0.00 |
| 01-Aug-2021 | 0.00 | 0.00 |
| 01-Feb-2022 | 0.00 | 0.00 |
| 01-Aug-2022 | 0.00 | 0.00 |
| 01-Feb-2023 | 0.00 | 0.00 |
| 01-Aug-2023 | 0.00 | 0.00 |
| 01-Feb-2024 | 0.00 | 0.00 |
| 01-Aug-2024 | 0.00 | 0.00 |
| 01-Feb-2025 | 0.00 | 0.00 |
| 01-Aug-2025 | 0.00 | 0.00 |
| 01-Feb-2026 | 0.00 | 0.00 |
| 01-Aug-2026 | 0.00 | 0.00 |
| 01-Feb-2027 | 0.00 | 0.00 |
| 01-Aug-2027 | 0.00 | 0.00 |
| 01-Feb-2028 | 0.00 | 0.00 |
| 01-Aug-2028 | 0.00 | 0.00 |
| 01-Feb-2029 | 0.00 | 0.00 |
| 01-Aug-2029 | 0.00 | 0.00 |
| 01-Feb-2030 | 0.00 | 0.00 |
| 01-Aug-2030 | 0.00 | 0.00 |
| | | $4,248.94 |

Massachusetts Clean Water Trust
Series 20
Norwood Loan Amortization
CWP-15-08

| | | | | |
|---|---|---|---|---|
| Loan Amount Approved | 2,285,644.00 | | Loan Origination Fee ($5.50/1000) | 12,167.47 |
| Principal Forgiveness | 73,377.00 | | Loan Term (in years) | 20 |
| Amount to be Financed | 2,212,267.00 | - | Loan Rate | 2.00% |
| | | | Closing Date | 4/13/2017 |
| | | | First Interest Payment | 7/15/2017 |
| | | | First Principal Payment | 1/15/2018 |

| Date | Principal | Interest | Total Debt Service | Admin Fee (0.15%) | Loan Origination Fee | Total Debt Service | Annual Debt Service |
|---|---|---|---|---|---|---|---|
| 4/13/2017 | | | | | | | |
| 7/15/2017 | | 11,307.14 | 11,307.14 | 848.04 | 12,167.47 | 24,322.65 | |
| 1/15/2018 | 89,487.00 | 22,122.67 | 111,609.67 | 1,659.20 | | 113,268.87 | 137,591.52 |
| 7/15/2018 | | 21,227.80 | 21,227.80 | 1,592.09 | | 22,819.89 | |
| 1/15/2019 | 91,433.00 | 21,227.80 | 112,660.80 | 1,592.09 | | 114,252.89 | 137,072.77 |
| 7/15/2019 | | 20,313.47 | 20,313.47 | 1,523.51 | | 21,836.98 | |
| 1/15/2020 | 93,421.00 | 20,313.47 | 113,734.47 | 1,523.51 | | 115,257.98 | 137,094.96 |
| 7/15/2020 | | 19,379.26 | 19,379.26 | 1,453.44 | | 20,832.70 | |
| 1/15/2021 | 95,451.00 | 19,379.26 | 114,830.26 | 1,453.44 | | 116,283.70 | 137,116.41 |
| 7/15/2021 | | 18,424.75 | 18,424.75 | 1,381.86 | | 19,806.61 | |
| 1/15/2022 | 97,525.00 | 18,424.75 | 115,949.75 | 1,381.86 | | 117,331.61 | 137,138.21 |
| 7/15/2022 | | 17,449.50 | 17,449.50 | 1,308.71 | | 18,758.21 | |
| 1/15/2023 | 99,645.00 | 17,449.50 | 117,094.50 | 1,308.71 | | 118,403.21 | 137,161.43 |
| 7/15/2023 | | 16,453.05 | 16,453.05 | 1,233.98 | | 17,687.03 | |
| 1/15/2024 | 101,811.00 | 16,453.05 | 118,264.05 | 1,233.98 | | 119,498.03 | 137,185.06 |
| 7/15/2024 | | 15,434.94 | 15,434.94 | 1,157.62 | | 16,592.56 | |
| 1/15/2025 | 104,023.00 | 15,434.94 | 119,457.94 | 1,157.62 | | 120,615.56 | 137,208.12 |
| 7/15/2025 | | 14,394.71 | 14,394.71 | 1,079.60 | | 15,474.31 | |
| 1/15/2026 | 106,284.00 | 14,394.71 | 120,678.71 | 1,079.60 | | 121,758.31 | 137,232.63 |
| 7/15/2026 | | 13,331.87 | 13,331.87 | 999.89 | | 14,331.76 | |
| 1/15/2027 | 108,594.00 | 13,331.87 | 121,925.87 | 999.89 | | 122,925.76 | 137,257.52 |
| 7/15/2027 | | 12,245.93 | 12,245.93 | 918.44 | | 13,164.37 | |
| 1/15/2028 | 110,954.00 | 12,245.93 | 123,199.93 | 918.44 | | 124,118.37 | 137,282.75 |
| 7/15/2028 | | 11,136.39 | 11,136.39 | 835.23 | | 11,971.62 | |
| 1/15/2029 | 113,366.00 | 11,136.39 | 124,502.39 | 835.23 | | 125,337.62 | 137,309.24 |
| 7/15/2029 | | 10,002.73 | 10,002.73 | 750.20 | | 10,752.93 | |
| 1/15/2030 | 115,830.00 | 10,002.73 | 125,832.73 | 750.20 | | 126,582.93 | 137,335.87 |
| 7/15/2030 | | 8,844.43 | 8,844.43 | 663.33 | | 9,507.76 | |
| 1/15/2031 | 118,347.00 | 8,844.43 | 127,191.43 | 663.33 | | 127,854.76 | 137,362.52 |
| 7/15/2031 | | 7,660.96 | 7,660.96 | 574.57 | | 8,235.53 | |
| 1/15/2032 | 120,919.00 | 7,660.96 | 128,579.96 | 574.57 | | 129,154.53 | 137,390.06 |
| 7/15/2032 | | 6,451.77 | 6,451.77 | 483.88 | | 6,935.65 | |
| 1/15/2033 | 123,547.00 | 6,451.77 | 129,998.77 | 483.88 | | 130,482.65 | 137,418.31 |
| 7/15/2033 | | 5,216.30 | 5,216.30 | 391.22 | | 5,607.52 | |
| 1/15/2034 | 126,232.00 | 5,216.30 | 131,448.30 | 391.22 | | 131,839.52 | 137,447.05 |
| 7/15/2034 | | 3,953.98 | 3,953.98 | 296.55 | | 4,250.53 | |
| 1/15/2035 | 128,976.00 | 3,953.98 | 132,929.98 | 296.55 | | 133,226.53 | 137,477.06 |
| 7/15/2035 | | 2,664.22 | 2,664.22 | 199.82 | | 2,864.04 | |
| 1/15/2036 | 131,779.00 | 2,664.22 | 134,443.22 | 199.82 | | 134,643.04 | 137,507.07 |
| 7/15/2036 | | 1,346.43 | 1,346.43 | 100.98 | | 1,447.41 | |
| 1/15/2037 | 134,643.00 | 1,346.43 | 135,989.43 | 100.98 | | 136,090.41 | 137,537.82 |
| 7/15/2037 | | | | | | | |
| | 2,212,267.00 | 485,294.79 | 2,697,561.79 | 36,397.11 | 12,167.47 | 2,746,126.37 | 2,746,126.37 |

Notes:

**This project may qualify for principal forgiveness in accordance with schedule B to the Loan Agreement. Principal forgiveness shown on this schedule is an estimate, and is not a guarantee.

**Replaced by Debt Schedule Dated September 4, 2020**

Prepared by PFM Financial Advisors LLC

Massachusetts Clean Water Trust
Series 21
Norwood Loan Amortization
CWP-15-08-A

| | | | |
|---|---|---|---|
| Loan Amount Approved | 414,356.00 | Loan Origination Fee ($5.00/1000) | 2,071.78 |
| Principal Forgiveness | - | Loan Term (in years) | 15 |
| Amount to be Financed | 414,356.00 | Loan Rate | 2.00% |
| | | Closing Date | 9/12/2018 |
| | | First Interest Payment | 1/15/2019 |
| | | First Principal Payment | 7/15/2019 |

| Date | Principal | Interest | Total Debt Service | Admin Fee (0.15%) | Loan Origination Fee | Total Debt Service | Annual Debt Service |
|---|---|---|---|---|---|---|---|
| 9/12/2018 | | | | | | | |
| 1/15/2019 | | 2,831.43 | 2,831.43 | 212.36 | 2,071.78 | 5,115.57 | 5,115.57 |
| 7/15/2019 | 23,662.00 | 4,143.56 | 27,805.56 | 310.77 | | 28,116.33 | |
| 1/15/2020 | | 3,906.94 | 3,906.94 | 293.02 | | 4,199.96 | 32,316.29 |
| 7/15/2020 | 24,176.00 | 3,906.94 | 28,082.94 | 293.02 | | 28,375.96 | |
| 1/15/2021 | | 3,665.18 | 3,665.18 | 274.89 | | 3,940.07 | 32,316.03 |
| 7/15/2021 | 24,701.00 | 3,665.18 | 28,366.18 | 274.89 | | 28,641.07 | |
| 1/15/2022 | | 3,418.17 | 3,418.17 | 256.36 | | 3,674.53 | 32,315.60 |
| 7/15/2022 | 25,238.00 | 3,418.17 | 28,656.17 | 256.36 | | 28,912.53 | |
| 1/15/2023 | | 3,165.79 | 3,165.79 | 237.43 | | 3,403.22 | 32,315.76 |
| 7/15/2023 | 25,787.00 | 3,165.79 | 28,952.79 | 237.43 | | 29,190.22 | |
| 1/15/2024 | | 2,907.92 | 2,907.92 | 218.09 | | 3,126.01 | 32,316.24 |
| 7/15/2024 | 26,347.00 | 2,907.92 | 29,254.92 | 218.09 | | 29,473.01 | |
| 1/15/2025 | | 2,644.45 | 2,644.45 | 198.33 | | 2,842.78 | 32,315.80 |
| 7/15/2025 | 26,920.00 | 2,644.45 | 29,564.45 | 198.33 | | 29,762.78 | |
| 1/15/2026 | | 2,375.25 | 2,375.25 | 178.14 | | 2,553.39 | 32,316.18 |
| 7/15/2026 | 27,505.00 | 2,375.25 | 29,880.25 | 178.14 | | 30,058.39 | |
| 1/15/2027 | | 2,100.20 | 2,100.20 | 157.52 | | 2,257.72 | 32,316.11 |
| 7/15/2027 | 28,103.00 | 2,100.20 | 30,203.20 | 157.52 | | 30,360.72 | |
| 1/15/2028 | | 1,819.17 | 1,819.17 | 136.44 | | 1,955.61 | 32,316.32 |
| 7/15/2028 | 28,713.00 | 1,819.17 | 30,532.17 | 136.44 | | 30,668.61 | |
| 1/15/2029 | | 1,532.04 | 1,532.04 | 114.90 | | 1,646.94 | 32,315.55 |
| 7/15/2029 | 29,338.00 | 1,532.04 | 30,870.04 | 114.90 | | 30,984.94 | |
| 1/15/2030 | | 1,238.66 | 1,238.66 | 92.90 | | 1,331.56 | 32,316.50 |
| 7/15/2030 | 29,975.00 | 1,238.66 | 31,213.66 | 92.90 | | 31,306.56 | |
| 1/15/2031 | | 938.91 | 938.91 | 70.42 | | 1,009.33 | 32,315.89 |
| 7/15/2031 | 30,627.00 | 938.91 | 31,565.91 | 70.42 | | 31,636.33 | |
| 1/15/2032 | | 632.64 | 632.64 | 47.45 | | 680.09 | 32,316.42 |
| 7/15/2032 | 31,292.00 | 632.64 | 31,924.64 | 47.45 | | 31,972.09 | |
| 1/15/2033 | | 319.72 | 319.72 | 23.98 | | 343.70 | 32,315.79 |
| 7/15/2033 | 31,972.00 | 319.72 | 32,291.72 | 23.98 | | 32,315.70 | |
| 1/15/2034 | | | | | | | 32,315.70 |
| | 414,356.00 | 68,305.07 | 482,661.07 | 5,122.88 | 2,071.78 | 489,855.73 | 489,855.73 |

Massachusetts Water Clean Water Trust
Series 21 Swap
NORWOOD Reamortization
CWP-15-08-A

| | | | |
|---|---|---|---|
| Original Loan Amount | 414,356.00 | Loan Origination Fee ($5.00/1000) | 0.00 |
| Principal Forgiveness | - | Loan Term (in years) | 13 |
| Principal Paid Down | 47,838.00 | Loan Rate | 2.00% |
| Outstanding Loan Obligation | 366,518.00 | Closing Date | 9/11/2020 |
| Remaining Balance | (51,235.00) | First Payment | 1/15/2021 |
| Net New Loan Obligation | 315,283.00 | | |

| Date | Principal | Interest | Total Debt Service | Admin Fee (0.15%) | Loan Origination Fee | Total Debt Service | Annual Debt Service |
|---|---|---|---|---|---|---|---|
| 9/11/2020 | | | | | | | |
| 1/15/2021 | | 3,312.23 | 3,312.23 | 248.42 | | 3,560.64 | |
| 7/15/2021 | 21,248.03 | 3,152.83 | 24,400.86 | 236.46 | | 24,637.32 | |
| 1/15/2022 | | 2,940.35 | 2,940.35 | 220.53 | | 3,160.88 | 27,798.20 |
| 7/15/2022 | 21,709.98 | 2,940.35 | 24,650.33 | 220.53 | | 24,870.86 | |
| 1/15/2023 | | 2,723.25 | 2,723.25 | 204.24 | | 2,927.49 | 27,798.35 |
| 7/15/2023 | 22,182.31 | 2,723.25 | 24,905.56 | 204.24 | | 25,109.80 | |
| 1/15/2024 | | 2,501.43 | 2,501.43 | 187.61 | | 2,689.03 | 27,798.84 |
| 7/15/2024 | 22,663.96 | 2,501.43 | 25,165.39 | 187.61 | | 25,353.00 | |
| 1/15/2025 | | 2,274.79 | 2,274.79 | 170.61 | | 2,445.40 | 27,798.39 |
| 7/15/2025 | 23,156.92 | 2,274.79 | 25,431.71 | 170.61 | | 25,602.32 | |
| 1/15/2026 | | 2,043.22 | 2,043.22 | 153.24 | | 2,196.46 | 27,798.77 |
| 7/15/2026 | 23,660.13 | 2,043.22 | 25,703.35 | 153.24 | | 25,856.59 | |
| 1/15/2027 | | 1,806.62 | 1,806.62 | 135.50 | | 1,942.11 | 27,798.71 |
| 7/15/2027 | 24,174.57 | 1,806.62 | 25,981.19 | 135.50 | | 26,116.68 | |
| 1/15/2028 | | 1,564.87 | 1,564.87 | 117.37 | | 1,682.24 | 27,798.92 |
| 7/15/2028 | 24,699.19 | 1,564.87 | 26,264.06 | 117.37 | | 26,381.43 | |
| 1/15/2029 | | 1,317.88 | 1,317.88 | 98.84 | | 1,416.72 | 27,798.15 |
| 7/15/2029 | 25,236.96 | 1,317.88 | 26,554.84 | 98.84 | | 26,653.68 | |
| 1/15/2030 | | 1,065.51 | 1,065.51 | 79.91 | | 1,145.42 | 27,799.10 |
| 7/15/2030 | 25,784.83 | 1,065.51 | 26,850.34 | 79.91 | | 26,930.25 | |
| 1/15/2031 | | 807.66 | 807.66 | 60.57 | | 868.24 | 27,798.48 |
| 7/15/2031 | 26,345.76 | 807.66 | 27,153.42 | 60.57 | | 27,213.99 | |
| 1/15/2032 | | 544.20 | 544.20 | 40.82 | | 585.02 | 27,799.01 |
| 7/15/2032 | 26,917.71 | 544.20 | 27,461.92 | 40.82 | | 27,502.73 | |
| 1/15/2033 | | 275.03 | 275.03 | 20.63 | | 295.65 | 27,798.38 |
| 7/15/2033 | 27,502.64 | 275.03 | 27,777.67 | 20.63 | | 27,798.30 | |
| 1/15/2034 | | | | | | | 27,798.30 |
| | 315,283.00 | 46,194.65 | 361,477.65 | 3,464.60 | | 364,942.25 | 361,381.61 |