# Massachusetts Water Pollution Abatement Trust Pool 15-2012 Swap WHITMAN Reamortization CW-08-19

Original Loan Amount	317,750.00	Loan Origination Fee (\$7.5/1000)	0.00
Principal Forgiveness (ARRA)	-	Loan Term (in years)	18
Principal Paid Down	13,051.00	Loan Rate	2.00%
Outstanding Loan Obligation	304,699.00	Closing Date	6/6/2012
Remaining Balance	(59,079.27)	First Payment	7/15/2012
Net New Loan Obligation	245 619 73		

	net new	Loan Obligation	245,619.73		2		
					Loan		
Data	Daireinel	Interest	Total Daht Consins	Admin Fee	Origination	Total Debt	Annual Dakt Canilas
Date	Principal	Interest	Total Debt Service	(0.15%)	Fee	Service	Annual Debt Service
6/6/2012	10 770 01	0.040.00	40.000.00	10101		40.070.54	
7/15/2012	10,770.31	2,918.98	13,689.29	184.21		13,873.51	10.000.11
1/15/2013	10.001.00	2,348.49	2,348.49	176.14		2,524.63	16,398.14
7/15/2013	10,984.00	2,348.49	13,332.50	176.14		13,508.64	
1/15/2014		2,238.65	2,238.65	167.90		2,406.55	15,915.19
7/15/2014	11,201.50	2,238.65	13,440.15	167.90		13,608.05	
1/15/2015		2,126.64	2,126.64	159.50		2,286.14	15,894.19
7/15/2015	11,423.76	2,126.64	13,550.40	159.50		13,709.90	2629 (200 (20) E) H
1/15/2016		2,012.40	2,012.40	150.93		2,163.33	15,873.23
7/15/2016	11,650.77	2,012.40	13,663.17	150.93		13,814.10	
1/15/2017		1,895.89	1,895.89	142.19		2,038.09	15,852.19
7/15/2017	11,881.50	1,895.89	13,777.39	142.19		13,919.58	
1/15/2018		1,777.08	1,777.08	133.28		1,910.36	15,829.94
7/15/2018	12,117.92	1,777.08	13,895.00	133.28		14,028.28	
1/15/2019		1,655.90	1,655.90	124.19		1,780.09	15,808.37
7/15/2019	12,358.00	1,655.90	14,013.90	124.19		14,138.09	
1/15/2020		1,532.32	1,532.32	114.92		1,647.24	15,785.33
7/15/2020	12,602.71	1,532.32	14,135.03	114.92		14,249.95	
1/15/2021		1,406.29	1,406.29	105.47		1,511.76	15,761.72
7/15/2021	12,853.02	1,406.29	14,259.31	105.47		14,364.79	
1/15/2022		1,277.76	1,277.76	95.83		1,373.59	15,738.38
7/15/2022	13,107.91	1,277.76	14,385.67	95.83		14,481.50	
1/15/2023		1,146.68	1,146.68	86.00		1,232.68	15,714.19
7/15/2023	13,368.34	1,146.68	14,515.02	86.00		14,601.02	
1/15/2024		1,013.00	1,013.00	75.98		1,088.98	15,690.00
7/15/2024	13,633.28	1,013.00	14,646.28	75.98		14,722.25	
1/15/2025		876.67	876.67	65.75		942.42	15,664.67
7/15/2025	13,903.69	876.67	14,780.36	65.75		14,846.11	
1/15/2026		737.63	737.63	55.32		792.95	15,639.06
7/15/2026	14,178.55	737.63	14,916.18	55.32		14,971.50	
1/15/2027		595.84	595.84	44.69		640.53	15,612.04
7/15/2027	14,459.82	595.84	15,055.67	44.69		15,100.35	
1/15/2028		451.25	451.25	33.84		485.09	15,585.44
7/15/2028	14,747.47	451.25	15,198.71	33.84		15,232.56	
1/15/2029		303.77	303.77	22.78		326.55	15,559.11
7/15/2029	15,039.45	303.77	15,343.22	22.78		15,366.01	
1/15/2030	34-404 (Marconin Color (MAR)	153.38	153.38	11.50		164.88	15,530.89
7/15/2030	15,337.74	153.38	15,491.12	11.50		15,502.62	
1/15/2031			2			,	15,502.62
	245,619.73	50,018.30	295,638.03	3,716.66		299,354.70	299,354.70

# Notes:

<sup>\*</sup> 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.



Massachusetts Water Pollution Abatement Trust Water Pollution Abatement and Drinking Water Revenue Bonds State Revolving Fund Bonds

Series 15 Whitman CW-08-19

Final Structuring Analysis

Loan Interest Rate 2.00%

Schedule of Loan Repayments

\$317,750.00 Initial Loan Obligation:

Date		Schadula o	f Loan Repayment	te	Admin. Fee	Loan	Total
165-Jun-11	Date						
15-Jan-11		rimopai	mereat	10141	<u> </u>		
15-Jul-11  15-Jul-12  0.00  3.046.99  3.046.99  3.046.99  3.046.99  2.28.52  3.275.51  15-Jul-12  15-Jul-12  15-Jul-13  0.00  2.281.84  2.291.34							
15-Jun-12	15-Jan-11	\$0.00	\$3,301.07	\$3,301.07	\$238.31	2,113.04	\$5,652.42
15-Jul-12	15-Jul-11	13,051.00	3,177.50	16,228.50	238.31		16,466.81
15-Jan-13	15-Jan-12	0.00	3,046.99	3,046.99	228.52		3,275.51
15-Jul-13 13,684.00 2,918.84 16,447.84 218.54 16,718.35 15,Jul-14 0,00 2,778.00 2,778.00 2,778.00 2,08.35 2,986.35 15,Jul-14 13,688.00 2,778.00 16,636.00 20.83 1,844.35 15,Jul-15 0,00 2,238.42 2,599.42 19.779.98 1,824.33 15,Jul-15 14,138.00 2,2498.04 16,737.42 197.98 1,824.33 15,Jul-16 14,424.00 2,498.04 16,922.04 187.35 1,288.39 15,Jul-16 14,424.00 2,498.04 16,922.04 187.35 17,109.39 15,Jul-17 14,715.00 2,353.80 2,353.80 176.84 2,250.34 17,245.34 15,Jul-17 14,715.00 2,353.80 2,353.80 176.84 2,250.34 15,Jul-17 14,715.00 2,353.80 7,708.80 176.84 1,224.59 15,Jul-19 15,316.00 2,056.52 2,065.55 1,295.55 15,Jul-19 15,316.00 2,056.52 2,065.55 1,295.55 15,Jul-19 15,316.00 2,056.52 2,065.52 1,242.42 2,210.76 15,Jul-19 15,316.00 2,056.52 7,772.52 14,242 2,210.76 15,Jul-19 15,316.00 2,056.52 7,772.52 14,242 2,210.76 15,Jul-12 15,Jul-12 15,Jul-19 15,316.00 1,903.39 1,903.36 1,903.39 1,223.80 1,225.80	15-Jul-12	13,315.00	3,046.99	16,361.99	228.52		16,590.51
15-Jan-14 13,88,800 2,778.00 16,586.00 2,836.00 2,787.00 16,586.00 15-Jan-15 15-Jan-15 0,00 2,838,42 16,774,22 187.99 18,975.38 15-Jan-16 10,00 2,498.04 16,972.04 16,972.04 15-Jan-16 10,00 2,498.04 16,972.0	15-Jan-13	0.00	2,913.84	2,913.84	218.54		3,132.38
15-Jan-14 13,88,800 2,778.00 16,586.00 2,836.00 2,787.00 16,586.00 15-Jan-15 15-Jan-15 0,00 2,838,42 16,774,22 187.99 18,975.38 15-Jan-16 10,00 2,498.04 16,972.04 16,972.04 15-Jan-16 10,00 2,498.04 16,972.0	15-Jul-13	13,584.00	2,913.84	16,497.84	218.54		16,716.38
15-Jul-14 11-3,868.00 12-78-00 16-56-50 15-Jul-15 10.00 12-93-42 15-93-42 16-777-42 167-96 18-773-83 15-Jul-15 14,138.00 12-839-42 16-777-42 167-96 18-773-83 15-Jul-16 14-424.00 12-86-60 15-Jul-16 14-424.00 12-86-60 15-Jul-16 15-Jul-17 10.00 2,355.80 17,088.80 170-88				2,778.00	208.35		2,986.35
15-Jan-15 15-Jan-16 15-Jan-16 10.00 2,593-42 15-Jan-16 10.00 2,498.04 2,498.04 18,922.04 18,735 2,853.35 15-Jan-17 0,00 2,353.80 17,008.80 176,54 2,553.36 15-Jan-17 0,00 2,353.80 17,008.80 176,54 2,553.36 15-Jan-17 10.00 2,353.80 17,008.80 176,54 2,553.34 15-Jan-18 0,00 2,006.55 2,006.55 2,006.55 15-Jan-19 0,00 2,006.55 15-Jan-19 0,00 2,006.52 2,006.55 17,295.55 15-Jan-19 0,00 2,066.52 2,066.52 17,372.52 15-Jan-19 15,710.00 1,708.80 176,54 17,245.34 15-Jan-19 0,00 2,006.52 2,006.55 17,295.55 15-Jan-19 15,710.00 1,708.80 17,372.52 15-Jan-20 0,00 1,903.36 1,738.36 142,75 15-Jan-21 15-Jan-21 0,00 1,747.11 1,747.11 1,747.11 1,747.11 1,747.11 1,747.11 1,747.11 1,747.11 1,747.11 1,748.11 15-Jan-22 0,00 1,587.70 1,785.770 1			2,778.00	16,636.00	208.35		16,844.35
15_Jul-16  16_Jul-16  16_Jul-17  16_Jul-18  16_Jul-18  16_Jul-18  16_Jul-18  16_Jul-18  16_Jul-19  16_Jul-18  16_Jul-19			2,639,42		197.96		2,837.38
15-Jan-16 15-Jan-16 14-24.00 2.498.04 15-Jan-17 0.00 2.353.80 15-Jan-17 0.00 2.353.80 170.088.00 176.54 177.09.30 15-Jan-17 0.00 2.353.80 170.088.00 176.54 17.245.34 15-Jan-17 14.715.00 2.353.80 170.088.00 176.54 17.245.34 15-Jan-18 0.00 2.056.55 2.372.15 15-Jan-18 0.00 2.056.52 2.056.55 17.249.55 165.50 17.388.16 15-Jan-19 0.00 2.056.52 2.056.55 17.249.55 15-Jan-19 15.316.00 2.056.52 17.372.52 15-Jan-19 15.316.00 15.303.36 17.303.36 17.303.36 17.303.36 14.75 15-Jan-20 0.00 19.03.36 17.528.36 142.75 15-Jan-21 15-Jan-22 0.00 1.747.11 17.888.11 131.03 17.819.14 15-Jan-22 10.00 1.747.11 17.888.11 131.03 17.819.14 15-Jan-22 10.00 1.747.11 17.888.11 131.03 17.819.14 15-Jan-23 16.902.00 1.757.70 17.980.77 19.08 17.909.78 15-Jan-23 16.902.00 1.425.07 14.25.07 1.45.07 15-Jan-23 16.902.00 1.259.15 15-Jan-24 16.902.00 1.259.15 15-Jan-25 16.902.00 1.259.15 15-Jan-26 0.00 1.259.15 15-Jan-26 0.00 1.259.15 15-Jan-26 0.00 1.089.88 18.338.88 17.4 11.71.62 15-Jan-27 0.00 17.917.19 18.53.88 18.74 11.71.62 15-Jan-28 0.00 1.099.88 18.388.88 18.74 11.71.62 15-Jan-28 0.00 19.00 19.00 19.00 10.00 1							
15-Jul-16 15-Jul-17 10-00 2,353.80 17,003.80 17,008.80 142,75 15-Jul-20 10,00 1,903.36 1,903.36 1,903.36 1,903.36 142,75 1,7571.11 15-Jul-21 0,00 1,747.11 17,747.11 131.03 17,819.14 15-Jul-22 0,00 1,907.70 1,769.70 115-Jul-22 0,00 1,907.70 1,769.70 115-Jul-22 0,00 1,907.70 1,769.70 1,76							
15_Jul-17							
15_Jul-17 14_715_00			•				
15-Jan-18							
15_Jul-18							
15-Jan-19							
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15-Jan-20 0.00 1,903.86 1,903.36 142.75 7,7671.11 15-Jan-21 0.00 1,747.11 1,747.11 131.03 1,878.14 15-Jan-21 15,841.00 1,747.11 1,747.11 131.03 1,878.14 15-Jan-22 0.00 1,897.70 1,587.70 119.08 1,706.78 15-Jul-21 16,841.00 1,897.70 1,587.70 119.08 1,706.78 15-Jul-22 16,263.00 1,587.70 17,850.70 119.08 17,999.78 15-Jul-22 16,263.00 1,287.70 17,850.70 119.08 17,999.78 15-Jul-23 16,592.00 1,425.07 1,425.07 106.88 1,531.95 15-Jul-24 10,00 1,259.15 1,259.							
15-Jul-20							
15-Jan-21							
15-Jul-21							
15-Jan-22							
15-Jul-22 16,283.00 1,587.70 17,850.70 119.08 17,596.78 15-Jul-23 0,000 1,425.07 1,425.07 106.88 1,531.95 15-Jul-23 16,592.00 1,425.07 18,017.07 106.88 1,531.95 15-Jul-24 0,000 1,259.15 12,59.15 94.44 1,353.59 15-Jul-24 16,927.00 1,259.15 18,186.15 94.44 1,353.59 15-Jul-25 0,000 1,089.88 10,998.88 81.74 1,171.62 15-Jul-25 17,269.00 1,089.88 18,358.88 81.74 18,440.62 15-Jul-26 0,000 917.19 917.19 68.79 985.58 15-Jul-26 17,617.00 917.19 18,534.19 68.79 18,602.98 15-Jul-27 17,730.00 741.02 741.02 55.58 766.60 15-Jul-28 0,000 561.29 561.29 42.10 603.39 15-Jul-28 18,337.00 561.29 18,898.29 42.10 603.39 15-Jul-29 18,707.00 377.92 377.92 28.34 96.60 15-Jul-29 18,707.00 377.92 19,084.92 28.34 19,113.26 15-Jul-30 0,000 190.85 190.85 14.31 205.16 15-Jul-31 0,00 0,00 0,00 0,00 0,00 0,00 15-Jul-31 0,00 0,00 15-Jul-32 0,00 0,00 0,00 0,00 0,00 15-Jul-32 0,00 0,00 0,00 0,00 0,00 0,00 15-Jul-34 0,00 0,00 0,00 0,00 0,00 0,00 15-Jul-35 0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,							
15-Jan-23							
15-Jul-23         16,592.00         1,425.07         18,017.07         106.88         18,123.95           15-Jul-24         0.00         1,259.15         1,259.15         94.44         1,353.59           15-Jul-24         16,927.00         1,259.15         18,186.15         94.44         18,280.59           15-Jul-25         0.00         1,089.88         1,089.88         81.74         1,171.62           15-Jul-26         0.00         917.19         197.19         68.79         985.88           15-Jul-26         0.00         917.19         18,534.19         68.79         18,602.98           15-Jul-27         0.00         741.02         741.02         55.58         786.60           15-Jul-27         0.00         741.02         741.02         55.58         18,769.60           15-Jul-28         0.00         561.29         561.29         42.10         603.39           15-Jul-29         0.00         377.92         18,898.29         42.10         603.39           15-Jul-39         18,707.00         377.92         19,084.92         28.34         19,113.26           15-Jul-30         19,085.00         190.85         190.85         14.31         19,290.16           <							
15-Jan-24         0.00         1,259.15         1,259.15         94.44         13,285.59           15-Jan-25         0.00         1,089.88         1,089.88         81,74         11,711.62           15-Jan-26         0.00         1,089.88         18,358.88         81,74         18,440.62           15-Jan-26         0.00         917.19         917.19         68.79         985.98           15-Jan-27         1,617.00         917.19         18,534.19         68.79         18,602.98           15-Jan-27         1,7617.00         917.19         18,534.19         68.79         18,602.98           15-Jan-27         1,000         741.02         741.02         55.58         796.60           15-Jan-27         17,973.00         741.02         18,714.02         55.58         796.60           15-Jan-28         0.00         561.29         18,898.29         42.10         603.39           15-Jan-29         0.00         377.92         377.92         28.34         496.26           15-Jan-30         0.00         190.85         190.85         14,31         205.16           15-Jan-31         0.00         190.85         190.85         14,31         19,295.16           15-Jan-31	15-Jan-23			1,425.07			
15-Jul-24         16,927.00         1,259.15         18,186.15         94.44         18,280.59           15-Jan-25         0.00         1,089.88         1,089.88         81.74         1,171.62           15-Jul-26         17,269.00         1,089.88         18,358.88         81.74         18,440.62           15-Jan-26         0.00         917.19         917.19         68.79         985.98           15-Jul-27         17,617.00         917.19         18,534.19         68.79         18,602.98           15-Jul-27         17,973.00         741.02         741.02         55.58         796.60           15-Jul-27         17,973.00         741.02         18,714.02         55.58         18,769.60           15-Jul-28         0.00         561.29         561.29         42.10         60.39           15-Jul-28         18,37.00         561.29         18,898.29         42.10         18,940.39           15-Jul-29         18,707.00         377.92         377.92         28.34         19,113.26           15-Jul-30         0.00         190.85         190.85         14.31         20.11           15-Jul-31         0.00         0.00         0.00         0.00         0.00 <td< td=""><td>15-Jul-23</td><td>16,592.00</td><td>1,425.07</td><td>18,017.07</td><td>106.88</td><td></td><td></td></td<>	15-Jul-23	16,592.00	1,425.07	18,017.07	106.88		
15-Jan-25         0.00         1,089.88         1,089.88         81.74         1,171.62           15-Jan-26         0.00         917.19         917.19         66.79         985.98           15-Jan-27         0.00         741.02         741.02         55.58         796.60           15-Jan-27         0.00         741.02         741.02         55.58         796.60           15-Jan-28         0.00         561.29         18,714.02         55.58         18,769.60           15-Jan-28         0.00         561.29         18,714.02         55.58         18,769.60           15-Jan-28         0.00         561.29         18,898.29         42.10         603.39           15-Jan-29         18,707.00         377.92         17,98.99.29         42.10         18,940.39           15-Jan-30         0.00         190.85         19.896.29         42.10         18,940.39           15-Jan-30         0.00         190.85         19.896.92         28.34         19,113.26           15-Jan-29         18,707.00         377.92         19,084.92         28.34         19,113.26           15-Jan-31         0.00         190.85         19.275.85         14.31         19,290.16           15-J	15-Jan-24	0.00	1,259.15	1,259.15	94.44		1,353.59
15-Jul-25         17,269.00         1,089.88         18,358.88         81.74         18,440,62           15-Jan-26         0.00         917.19         917.19         66.79         985.98           15-Jul-26         17,617.00         917.19         18,534.19         68.79         18,602.98           15-Jan-27         10.00         741.02         741.02         55.58         796.60           15-Jan-28         0.00         561.29         561.29         42.10         603.39           15-Jan-29         0.00         377.92         377.92         28.34         406.26           15-Jan-29         18,707.00         377.92         377.92         28.34         406.26           15-Jan-30         0.00         190.85         190.85         14.31         205.16           15-Jan-30         19.085.00         190.85         190.85         14.31         19.2016           15-Jan-31         0.00         0.00         0.00         0.00         0.00         0.00           15-Jan-32         0.00         0.00         0.00         0.00         0.00         0.00           15-Jan-33         0.00         0.00         0.00         0.00         0.00         0.00 <tr< td=""><td>15-Jul-24</td><td>16,927.00</td><td>1,259.15</td><td>18,186.15</td><td>94.44</td><td></td><td>18,280.59</td></tr<>	15-Jul-24	16,927.00	1,259.15	18,186.15	94.44		18,280.59
15-Jan-26         0.00         917.19         917.19         68.79         985.98           15-Jul-26         17.617.00         917.19         18,534.19         68.79         18,602.98           15-Jan-27         0.00         741.02         741.02         55.58         79,660           15-Jul-27         17,973.00         741.02         18,714.02         55.58         18,766.60           15-Jan-28         0.00         561.29         18,714.02         55.58         18,766.60           15-Jan-28         0.00         561.29         18,898.29         42.10         603.39           15-Jan-29         0.00         377.92         18,898.29         42.10         18,940.39           15-Jan-29         18,707.00         377.92         19,084.92         28.34         406.26           15-Jul-30         19,085.00         190.85         190.85         14.31         205.16           15-Jul-31         0.00         0.00         0.00         0.00         0.00           15-Jul-31         0.00         0.00         0.00         0.00         0.00           15-Jul-32         0.00         0.00         0.00         0.00         0.00           15-Jul-33         0.00	15-Jan-25	0.00	1,089.88	1,089.88	81.74		1,171.62
15-Jul-26         17,617.00         917.19         18,534.19         68.79         18,602.98           15-Jan-27         0.00         741.02         741.02         55.58         796.60           15-Jul-27         17,973.00         741.02         18,714.02         55.58         18,769.60           15-Jan-28         0.00         561.29         561.29         42.10         60.33           15-Jul-28         18,337.00         561.29         18,898.29         42.10         18,940.39           15-Jul-29         0.00         377.92         377.92         28.34         406.26           15-Jul-29         18,707.00         377.92         19,084.92         28.34         19,113.26           15-Jul-30         19,085.00         190.85         190.85         14.31         205.16           15-Jan-31         0.00         0.00         0.00         0.00         0.00           15-Jan-31         0.00         0.00         0.00         0.00         0.00           15-Jan-32         0.00         0.00         0.00         0.00         0.00           15-Jan-33         0.00         0.00         0.00         0.00         0.00           15-Jan-33         0.00 <t< td=""><td>15-Jul-25</td><td>17,269.00</td><td>1,089.88</td><td>18,358.88</td><td>81.74</td><td></td><td>18,440.62</td></t<>	15-Jul-25	17,269.00	1,089.88	18,358.88	81.74		18,440.62
15-Jan-27         0.00         741.02         741.02         55.58         796.60           15-Jul-27         17,973.00         741.02         18,714.02         55.58         18,769.60           15-Jan-28         0.00         561.29         561.29         42.10         603.39           15-Jul-28         18,337.00         561.29         18,898.29         42.10         18,940.39           15-Jan-29         0.00         377.92         377.92         28.34         406.26           15-Jul-30         18,707.00         377.92         19,084.92         28.34         19,113.26           15-Jul-30         19,085.00         190.85         190.85         14.31         205.16           15-Jul-31         0.00         190.85         19,275.85         14.31         19,290.16           15-Jul-31         0.00         0.00         0.00         0.00         0.00           15-Jul-32         0.00         0.00         0.00         0.00         0.00           15-Jul-32         0.00         0.00         0.00         0.00         0.00           15-Jul-33         0.00         0.00         0.00         0.00         0.00           15-Jul-34         0.00         0.	15-Jan-26	0.00	917.19	917.19	68.79		985.98
15-Jul-27         17,973.00         741.02         18,714.02         55.58         18,769.60           15-Jan-28         0.00         561.29         561.29         42.10         603.39           15-Jul-28         18,337.00         561.29         18,898.29         42.10         18,940.39           15-Jul-29         18,707.00         377.92         377.92         28.34         406.26           15-Jul-29         18,707.00         377.92         19,084.92         28.34         19,113.26           15-Jan-30         0.00         190.85         190.85         14.31         205.16           15-Jan-31         0.00         0.00         0.00         0.00         0.00           15-Jul-31         0.00         0.00         0.00         0.00         0.00           15-Jul-31         0.00         0.00         0.00         0.00         0.00           15-Jul-32         0.00         0.00         0.00         0.00         0.00           15-Jul-33         0.00         0.00         0.00         0.00         0.00           15-Jul-34         0.00         0.00         0.00         0.00         0.00           15-Jul-35         0.00         0.00	15-Jul-26	17,617.00	917.19	18,534.19	68.79		18,602.98
15-Jan-28         0.00         561.29         16.129         42.10         603.39           15-Jan-29         18,337.00         561.29         18,898.29         42.10         18,940.39           15-Jan-29         0.00         377.92         377.92         28.34         406.26           15-Jul-20         18,707.00         377.92         19,084.92         28.34         19,113.26           15-Jan-30         0.00         190.85         190.85         14.31         205.16           15-Jan-31         0.00         0.00         0.00         0.00         0.00           15-Jan-31         0.00         0.00         0.00         0.00         0.00           15-Jan-32         0.00         0.00         0.00         0.00         0.00           15-Jan-32         0.00         0.00         0.00         0.00         0.00           15-Jan-33         0.00         0.00         0.00         0.00         0.00           15-Jan-33         0.00         0.00         0.00         0.00         0.00           15-Jan-34         0.00         0.00         0.00         0.00         0.00           15-Jan-35         0.00         0.00         0.00         0	15-Jan-27	0.00	741.02	741.02	55.58		796.60
15-Jul-28         18,337.00         561.29         18,898.29         42.10         18,940.39           15-Jan-29         0.00         377.92         377.92         28,34         406.26           15-Jan-30         0.00         190.85         190.85         14.31         205.16           15-Jan-31         0.00         0.00         0.00         0.00         0.00         0.00           15-Jan-31         0.00         0.00         0.00         0.00         0.00         0.00           15-Jan-32         0.00         0.00         0.00         0.00         0.00         0.00           15-Jan-32         0.00         0.00         0.00         0.00         0.00         0.00           15-Jan-33         0.00         0.00         0.00         0.00         0.00         0.00           15-Jan-33         0.00         0.00         0.00         0.00         0.00         0.00           15-Jan-34         0.00         0.00         0.00         0.00         0.00         0.00           15-Jan-34         0.00         0.00         0.00         0.00         0.00         0.00           15-Jan-35         0.00         0.00         0.00         0.00 </td <td>15-Jul-27</td> <td>17,973.00</td> <td>741.02</td> <td>18,714.02</td> <td>55.58</td> <td></td> <td>18,769.60</td>	15-Jul-27	17,973.00	741.02	18,714.02	55.58		18,769.60
15-Jan-29         0.00         377.92         377.92         28.34         406.26           15-Jul-29         18,707.00         377.92         19,084.92         28.34         19,113.26           15-Jan-30         0.00         190.85         190.85         14.31         205.16           15-Jan-31         0.00         0.00         0.00         0.00         0.00           15-Jan-31         0.00         0.00         0.00         0.00         0.00           15-Jan-32         0.00         0.00         0.00         0.00         0.00           15-Jan-33         0.00         0.00         0.00         0.00         0.00           15-Jan-33         0.00         0.00         0.00         0.00         0.00           15-Jan-34         0.00         0.00         0.00         0.00         0.00           15-Jan-34         0.00         0.00         0.00         0.00         0.00           15-Jan-35         0.00         0.00         0.00         0.00         0.00           15-Jan-35         0.00         0.00         0.00         0.00         0.00           15-Jan-36         0.00         0.00         0.00         0.00         0.00	15-Jan-28	0.00	561.29	561.29	42.10		603.39
15-Jul-29         18,707.00         377.92         19,084.92         28.34         19,113.26           15-Jan-30         0.00         190.85         190.85         14.31         205.16           15-Jul-30         19,085.00         190.85         19,275.85         14.31         19,290.16           15-Jul-31         0.00         0.00         0.00         0.00         0.00           15-Jul-31         0.00         0.00         0.00         0.00         0.00           15-Jul-32         0.00         0.00         0.00         0.00         0.00           15-Jul-32         0.00         0.00         0.00         0.00         0.00           15-Jul-33         0.00         0.00         0.00         0.00         0.00           15-Jul-34         0.00         0.00         0.00         0.00         0.00           15-Jul-34         0.00         0.00         0.00         0.00         0.00           15-Jul-35         0.00         0.00         0.00         0.00         0.00           15-Jul-35         0.00         0.00         0.00         0.00         0.00           15-Jul-36         0.00         0.00         0.00         0.00	15-Jul-28	18,337.00	561.29	18,898.29	42.10		18,940.39
15-Jul-29         18,707.00         377.92         19,084.92         28.34         19,113.26           15-Jan-30         0.00         190.85         190.85         14.31         205.16           15-Jul-30         19,085.00         190.85         19,275.85         14.31         19,290.16           15-Jan-31         0.00         0.00         0.00         0.00         0.00           15-Jul-31         0.00         0.00         0.00         0.00         0.00           15-Jul-32         0.00         0.00         0.00         0.00         0.00           15-Jul-33         0.00         0.00         0.00         0.00         0.00           15-Jul-33         0.00         0.00         0.00         0.00         0.00           15-Jul-34         0.00         0.00         0.00         0.00         0.00           15-Jul-34         0.00         0.00         0.00         0.00         0.00           15-Jul-35         0.00         0.00         0.00         0.00         0.00           15-Jul-35         0.00         0.00         0.00         0.00         0.00           15-Jul-36         0.00         0.00         0.00         0.00	15-Jan-29	0.00	377.92	377.92	28.34		406.26
15-Jan-30			377.92	19.084.92	28.34		19,113.26
15-Jul-30         19,085.00         190.85         19,275.85         14.31         19,290.16           15-Jan-31         0.00         0.00         0.00         0.00         0.00           15-Jul-31         0.00         0.00         0.00         0.00         0.00           15-Jul-32         0.00         0.00         0.00         0.00         0.00           15-Jul-32         0.00         0.00         0.00         0.00         0.00           15-Jul-33         0.00         0.00         0.00         0.00         0.00           15-Jul-34         0.00         0.00         0.00         0.00         0.00           15-Jul-34         0.00         0.00         0.00         0.00         0.00           15-Jul-35         0.00         0.00         0.00         0.00         0.00           15-Jul-36         0.00         0.00         0.00         0.00         0.00           15-Jul-36         0.00         0.00         0.00         0.00         0.00           15-Jul-36         0.00         0.00         0.00         0.00         0.00           15-Jul-37         0.00         0.00         0.00         0.00         0.00 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
15-Jan-31         0.00         0.00         0.00         0.00           15-Jul-31         0.00         0.00         0.00         0.00           15-Jul-32         0.00         0.00         0.00         0.00           15-Jul-32         0.00         0.00         0.00         0.00           15-Jan-33         0.00         0.00         0.00         0.00           15-Jul-33         0.00         0.00         0.00         0.00           15-Jul-34         0.00         0.00         0.00         0.00           15-Jul-34         0.00         0.00         0.00         0.00           15-Jul-35         0.00         0.00         0.00         0.00           15-Jul-36         0.00         0.00         0.00         0.00           15-Jul-36         0.00         0.00         0.00         0.00           15-Jul-36         0.00         0.00         0.00         0.00           15-Jul-37         0.00         0.00         0.00         0.00           15-Jul-38         0.00         0.00         0.00         0.00           15-Jul-39         0.00         0.00         0.00         0.00           15-Jul-39 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
15-Jul-31         0.00         0.00         0.00         0.00           15-Jan-32         0.00         0.00         0.00         0.00           15-Jul-32         0.00         0.00         0.00         0.00           15-Jul-33         0.00         0.00         0.00         0.00           15-Jul-33         0.00         0.00         0.00         0.00           15-Jul-34         0.00         0.00         0.00         0.00           15-Jul-34         0.00         0.00         0.00         0.00           15-Jul-35         0.00         0.00         0.00         0.00           15-Jul-35         0.00         0.00         0.00         0.00           15-Jan-36         0.00         0.00         0.00         0.00           15-Jul-37         0.00         0.00         0.00         0.00           15-Jul-36         0.00         0.00         0.00         0.00           15-Jul-37         0.00         0.00         0.00         0.00           15-Jul-38         0.00         0.00         0.00         0.00           15-Jul-39         0.00         0.00         0.00         0.00           15-Jul-39 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
15-Jan-32         0.00         0.00         0.00         0.00           15-Jul-32         0.00         0.00         0.00         0.00         0.00           15-Jan-33         0.00         0.00         0.00         0.00         0.00           15-Jul-33         0.00         0.00         0.00         0.00         0.00           15-Jul-34         0.00         0.00         0.00         0.00         0.00           15-Jul-34         0.00         0.00         0.00         0.00         0.00           15-Jul-35         0.00         0.00         0.00         0.00         0.00           15-Jul-35         0.00         0.00         0.00         0.00         0.00           15-Jul-36         0.00         0.00         0.00         0.00         0.00           15-Jul-36         0.00         0.00         0.00         0.00         0.00           15-Jul-37         0.00         0.00         0.00         0.00         0.00           15-Jul-37         0.00         0.00         0.00         0.00         0.00           15-Jul-38         0.00         0.00         0.00         0.00         0.00           15-Jan-39							
15-Jul-32         0.00         0.00         0.00         0.00           15-Jan-33         0.00         0.00         0.00         0.00         0.00           15-Jul-33         0.00         0.00         0.00         0.00         0.00           15-Jul-34         0.00         0.00         0.00         0.00         0.00           15-Jul-34         0.00         0.00         0.00         0.00         0.00           15-Jul-35         0.00         0.00         0.00         0.00         0.00           15-Jul-36         0.00         0.00         0.00         0.00         0.00           15-Jul-37         0.00         0.00         0.00         0.00         0.00           15-Jan-38         0.00         0.00         0.00         0.00         0.00           15-Jan-38         0.00         0.00         0.00         0.00         0.00           15-Jan-39							
15-Jan-33         0.00         0.00         0.00         0.00           15-Jul-33         0.00         0.00         0.00         0.00         0.00           15-Jul-34         0.00         0.00         0.00         0.00         0.00           15-Jul-34         0.00         0.00         0.00         0.00         0.00           15-Jul-35         0.00         0.00         0.00         0.00         0.00           15-Jul-36         0.00         0.00         0.00         0.00         0.00           15-Jul-36         0.00         0.00         0.00         0.00         0.00           15-Jul-37         0.00         0.00         0.00         0.00         0.00           15-Jan-37         0.00         0.00         0.00         0.00         0.00           15-Jan-38         0.00         0.00         0.00         0.00         0.00           15-Jul-38         0.00         0.00         0.00         0.00         0.00           15-Jul-39         0.00         0.00         0.00         0.00         0.00           15-Jul-39         0.00         0.00         0.00         0.00         0.00           15-Jul-40							
15-Jul-33         0.00         0.00         0.00         0.00           15-Jan-34         0.00         0.00         0.00         0.00         0.00           15-Jul-34         0.00         0.00         0.00         0.00         0.00           15-Jul-35         0.00         0.00         0.00         0.00         0.00           15-Jul-36         0.00         0.00         0.00         0.00         0.00           15-Jul-36         0.00         0.00         0.00         0.00         0.00           15-Jul-37         0.00         0.00         0.00         0.00         0.00           15-Jan-37         0.00         0.00         0.00         0.00         0.00           15-Jan-38         0.00         0.00         0.00         0.00         0.00           15-Jan-38         0.00         0.00         0.00         0.00         0.00           15-Jul-38         0.00         0.00         0.00         0.00         0.00           15-Jul-39         0.00         0.00         0.00         0.00         0.00           15-Jan-40         0.00         0.00         0.00         0.00         0.00           15-Jan-41							
15-Jan-34         0.00         0.00         0.00         0.00           15-Jul-34         0.00         0.00         0.00         0.00         0.00           15-Jul-35         0.00         0.00         0.00         0.00         0.00           15-Jan-36         0.00         0.00         0.00         0.00         0.00           15-Jan-36         0.00         0.00         0.00         0.00         0.00           15-Jul-36         0.00         0.00         0.00         0.00         0.00           15-Jul-37         0.00         0.00         0.00         0.00         0.00           15-Jul-37         0.00         0.00         0.00         0.00         0.00           15-Jul-38         0.00         0.00         0.00         0.00         0.00           15-Jul-38         0.00         0.00         0.00         0.00         0.00           15-Jul-39         0.00         0.00         0.00         0.00         0.00           15-Jul-39         0.00         0.00         0.00         0.00         0.00           15-Jul-39         0.00         0.00         0.00         0.00         0.00           15-Jan-40							
15-Jul-34         0.00         0.00         0.00         0.00           15-Jan-35         0.00         0.00         0.00         0.00           15-Jul-35         0.00         0.00         0.00         0.00           15-Jul-36         0.00         0.00         0.00         0.00           15-Jul-36         0.00         0.00         0.00         0.00           15-Jul-37         0.00         0.00         0.00         0.00           15-Jul-37         0.00         0.00         0.00         0.00           15-Jul-38         0.00         0.00         0.00         0.00           15-Jul-38         0.00         0.00         0.00         0.00           15-Jul-39         0.00         0.00         0.00         0.00           15-Jul-39         0.00         0.00         0.00         0.00           15-Jul-39         0.00         0.00         0.00         0.00           15-Jul-40         0.00         0.00         0.00         0.00           15-Jul-41         0.00         0.00         0.00         0.00           15-Jul-41         0.00         0.00         0.00         0.00           15-Jul-41 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
15-Jan-35         0,00         0.00         0.00         0.00           15-Jul-35         0.00         0.00         0.00         0.00         0.00           15-Jan-36         0.00         0.00         0.00         0.00         0.00           15-Jul-36         0.00         0.00         0.00         0.00         0.00           15-Jan-37         0.00         0.00         0.00         0.00         0.00           15-Jul-37         0.00         0.00         0.00         0.00         0.00           15-Jan-38         0.00         0.00         0.00         0.00         0.00           15-Jan-39         0.00         0.00         0.00         0.00         0.00           15-Jan-40         0.00         0.00         0.00         0.00         0.00           15-Jan-41         0.00         0.00         0.00         0.00         0.00           15-Jan-41							
15-Jul-35         0.00         0.00         0.00         0.00           15-Jan-36         0.00         0.00         0.00         0.00         0.00           15-Jul-36         0.00         0.00         0.00         0.00         0.00           15-Jan-37         0.00         0.00         0.00         0.00         0.00           15-Jul-37         0.00         0.00         0.00         0.00         0.00           15-Jan-38         0.00         0.00         0.00         0.00         0.00           15-Jal-38         0.00         0.00         0.00         0.00         0.00           15-Jal-39         0.00         0.00         0.00         0.00         0.00           15-Jal-39         0.00         0.00         0.00         0.00         0.00           15-Jal-39         0.00         0.00         0.00         0.00         0.00           15-Jal-40         0.00         0.00         0.00         0.00         0.00           15-Jal-41         0.00         0.00         0.00         0.00         0.00           15-Jal-41         0.00         0.00         0.00         0.00         0.00           15-Jal-41							
15-Jan-36         0.00         0.00         0.00         0.00           15-Jul-36         0.00         0.00         0.00         0.00           15-Jul-37         0.00         0.00         0.00         0.00           15-Jan-38         0.00         0.00         0.00         0.00           15-Jul-38         0.00         0.00         0.00         0.00           15-Jul-39         0.00         0.00         0.00         0.00           15-Jul-39         0.00         0.00         0.00         0.00           15-Jan-40         0.00         0.00         0.00         0.00           15-Jul-40         0.00         0.00         0.00         0.00           15-Jan-41         0.00         0.00         0.00         0.00           15-Jul-41         0.00         0.00         0.00         0.00           15-Jul-41         0.00         0.00         0.00         0.00							
15-Jul-36         0.00         0.00         0.00         0.00         0.00           15-Jan-37         0.00         0.00         0.00         0.00         0.00           15-Jul-37         0.00         0.00         0.00         0.00         0.00           15-Jan-38         0.00         0.00         0.00         0.00         0.00           15-Jul-38         0.00         0.00         0.00         0.00         0.00           15-Jul-39         0.00         0.00         0.00         0.00         0.00           15-Jul-39         0.00         0.00         0.00         0.00         0.00           15-Jul-39         0.00         0.00         0.00         0.00         0.00           15-Jul-30         0.00         0.00         0.00         0.00         0.00           15-Jan-40         0.00         0.00         0.00         0.00         0.00           15-Jan-41         0.00         0.00         0.00         0.00         0.00           15-Jul-41         0.00         0.00         0.00         0.00         0.00							
15-Jan-37         0.00         0.00         0.00         0.00           15-Jul-37         0.00         0.00         0.00         0.00           15-Jan-38         0.00         0.00         0.00         0.00           15-Jul-38         0.00         0.00         0.00         0.00           15-Jul-39         0.00         0.00         0.00         0.00           15-Jul-39         0.00         0.00         0.00         0.00           15-Jan-40         0.00         0.00         0.00         0.00           15-Jul-40         0.00         0.00         0.00         0.00           15-Jul-41         0.00         0.00         0.00         0.00           15-Jul-41         0.00         0.00         0.00         0.00           15-Jul-41         0.00         0.00         0.00         0.00							
15-Jul-37         0.00         0.00         0.00         0.00           15-Jan-38         0.00         0.00         0.00         0.00         0.00           15-Jul-38         0.00         0.00         0.00         0.00         0.00           15-Jan-39         0.00         0.00         0.00         0.00         0.00           15-Jul-39         0.00         0.00         0.00         0.00         0.00           15-Jan-40         0.00         0.00         0.00         0.00         0.00           15-Jul-40         0.00         0.00         0.00         0.00         0.00           15-Jan-41         0.00         0.00         0.00         0.00         0.00           15-Jul-42         0.00         0.00         0.00         0.00         0.00           15-Jul-41         0.00         0.00         0.00         0.00         0.00							
15-Jan-38         0.00         0.00         0.00         0.00         0.00           15-Jul-38         0.00         0.00         0.00         0.00         0.00           15-Jan-39         0.00         0.00         0.00         0.00         0.00           15-Jul-39         0.00         0.00         0.00         0.00         0.00           15-Jan-40         0.00         0.00         0.00         0.00         0.00           15-Jul-40         0.00         0.00         0.00         0.00         0.00           15-Jan-41         0.00         0.00         0.00         0.00         0.00           15-Jul-41         0.00         0.00         0.00         0.00         0.00							
15-Jul-38         0.00         0.00         0.00         0.00         0.00           15-Jan-39         0.00         0.00         0.00         0.00         0.00           15-Jul-39         0.00         0.00         0.00         0.00         0.00           15-Jan-40         0.00         0.00         0.00         0.00         0.00           15-Jul-40         0.00         0.00         0.00         0.00         0.00           15-Jan-41         0.00         0.00         0.00         0.00         0.00           15-Jul-41         0.00         0.00         0.00         0.00         0.00							
15-Jan-39         0.00         0.00         0.00         0.00         0.00           15-Jul-39         0.00         0.00         0.00         0.00         0.00           15-Jan-40         0.00         0.00         0.00         0.00         0.00           15-Jah-41         0.00         0.00         0.00         0.00         0.00           15-Jul-41         0.00         0.00         0.00         0.00         0.00							
15-Jul-39         0.00         0.00         0.00         0.00         0.00           15-Jan-40         0.00         0.00         0.00         0.00         0.00           15-Jul-40         0.00         0.00         0.00         0.00         0.00           15-Jan-41         0.00         0.00         0.00         0.00         0.00           15-Jul-41         0.00         0.00         0.00         0.00         0.00							
15-Jan-40         0.00         0.00         0.00         0.00         0.00           15-Jul-40         0.00         0.00         0.00         0.00         0.00           15-Jan-41         0.00         0.00         0.00         0.00         0.00           15-Jul-41         0.00         0.00         0.00         0.00         0.00							
15-Jul-40         0.00         0.00         0.00         0.00         0.00           15-Jan-41         0.00         0.00         0.00         0.00         0.00           15-Jul-41         0.00         0.00         0.00         0.00         0.00	15-Jul-39						
15-Jan-41 0.00 0.00 0.00 0.00 0.00 0.00 0.00 15-Jul-41 0.00 0.00 0.00 0.00 0.00	15-Jan-40	0.00	0.00		0.00		
15-Jul-41 0.00 0.00 0.00 0.00 0.00	15-Jul-40	0.00	0.00	0.00	0.00		
	15-Jan-41		0.00				
\$317,750.00 \$71,066.17 \$388,816.17 \$5,320.70 \$2,113.04 \$396,249.91	15-Jul-41						
		\$317,750.00	\$71,066.17	\$388,816.17	\$5,320.70	\$2,113.04	\$396,249.91

# Massachusetts Water Pollution Abatement Trust Pool 15-2012 Swap WHITMAN Reamortization CWS-08-19

Original Loan Amount	524,454.00	Loan Origination Fee (\$7.5/1000)	0.00
Principal Forgiveness (ARRA)	61,469.00	Loan Term (in years)	18
Principal Paid Down_	19,017.00	Loan Rate	2.00%
Outstanding Loan Obligation	443,968.00	Closing Date	6/6/2012
Remaining Balance_	(177,046.22)	First Payment	7/15/2012
Net New Loan Obligation	266,921.78		

	110111011	Loan Obligation	200,921.70				
				A -l :	Loan	Tatal Daki	
Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Origination Fee	Total Debt Service	Annual Debt Service
6/6/2012	гинира	mieresi	Total Debt Service	(0.1376)	1 66	Service	Allitual Debt Service
7/15/2012	11,775.18	4,056.08	15 021 26	200.10		16,031.45	
	11,775.16		15,831.26	200.19			10 774 00
1/15/2013	10 001 11	2,551.47	2,551.47	191.36		2,742.83	18,774.28
7/15/2013	12,001.44	2,551.47	14,552.91	191.36		14,744.27	47.050.00
1/15/2014	10 000 11	2,431.45	2,431.45	182.36		2,613.81	17,358.08
7/15/2014	12,232.11	2,431.45	14,663.56	182.36		14,845.92	47.000.00
1/15/2015	10 107 00	2,309.13	2,309.13	173.18		2,482.32	17,328.23
7/15/2015	12,467.09	2,309.13	14,776.22	173.18		14,949.40	47.007.70
1/15/2016	10 700 01	2,184.46	2,184.46	163.83		2,348.29	17,297.70
7/15/2016	12,706.31	2,184.46	14,890.77	163.83		15,054.60	7-1111
1/15/2017		2,057.40	2,057.40	154.30		2,211.70	17,266.30
7/15/2017	12,949.68	2,057.40	15,007.08	154.30		15,161.39	
1/15/2018	Marks I no sweet was as	1,927.90	1,927.90	144.59		2,072.49	17,233.88
7/15/2018	13,198.14	1,927.90	15,126.04	144.59		15,270.63	
1/15/2019		1,795.92	1,795.92	134.69		1,930.61	17,201.24
7/15/2019	13,451.58	1,795.92	15,247.50	134.69		15,382.19	
1/15/2020		1,661.40	1,661.40	124.61		1,786.01	17,168.20
7/15/2020	13,709.92	1,661.40	15,371.33	124.61		15,495.93	
1/15/2021		1,524.30	1,524.30	114.32		1,638.63	17,134.56
7/15/2021	13,973.08	1,524.30	15,497.38	114.32		15,611.71	
1/15/2022		1,384.57	1,384.57	103.84		1,488.42	17,100.12
7/15/2022	14,240.96	1,384.57	15,625.53	103.84		15,729.37	
1/15/2023		1,242.16	1,242.16	93.16		1,335.33	17,064.70
7/15/2023	14,514.47	1,242.16	15,756.63	93.16		15,849.79	
1/15/2024		1,097.02	1,097.02	82.28		1,179.29	17,029.09
7/15/2024	14,792.51	1,097.02	15,889.53	82.28		15,971.80	
1/15/2025		949.09	949.09	71.18		1,020.28	16,992.08
7/15/2025	15,076.99	949.09	16,026.08	71.18		16,097.26	
1/15/2026		798.32	798.32	59.87		858.20	16,955.46
7/15/2026	15,365.80	798.32	16,164.13	59.87		16,224.00	
1/15/2027		644.67	644.67	48.35		693.02	16,917.02
7/15/2027	15,660.85	644.67	16,305.52	48.35		16,353.87	
1/15/2028		488.06	488.06	36.60		524.66	16,878.53
7/15/2028	15,961.04	488.06	16,449.10	36.60		16,485.70	
1/15/2029		328.45	328.45	24.63		353.08	16,838.78
7/15/2029	16,266.25	328.45	16,594.70	24.63		16,619.33	
1/15/2030	-	165.78	165.78	12.43		178.22	16,797.55
7/15/2030	16,578.38	165.78	16,744.17	12.43		16,756.60	. 9 5. 95
1/15/2031	essent Consum Season 6005.		0. 00. €0. 00. 00. 00. 00. 00.			100 marin 100 ma	16,756.60
	266,921.78	55,139.18	322,060.96	4,031.42		326,092.39	326,092.39

#### Notes:

<sup>\*</sup> 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.



Massachusetts Water Pollution Abatement Trust Water Pollution Abatement and Drinking Water Revenue Bonds State Revolving Fund Bonds

Series 15
Whitman
CWS-08-19
Final Structuring Analysis

Loan Interest Rate	2.00%
ARRA Principal Forgiveness*	61,469
Total Loan Amount	524,454

Schedule of Loan Repayments

Initial Loan Obligation: \$462,985.00

	Schedule	of Loan Repayments		Admin. Fee	Loan	•
Date	<u>Principal</u>	<u>Interest</u>	Total	0.00075	Origination Fee	
08-Jul-10						
	***	<b>#</b> 4.000.00	#4 000 00	f0.47.04	2.070.05	<b>#0.00</b>
15-Jan-11	\$0.00	\$4,809.90	\$4,809.90	\$347.24	3,078.85	\$8,23
15-Jul-11	19,017.00	4,629.85	23,646.85	347.24		23,99
15-Jan-12	0.00	4,439.68	4,439.68	332.98		4,77
15-Jul-12	19,401.00	4,439.68	23,840.68	332.98		24,17
15-Jan-13	0.00	4,245.67	4,245.67	318.43		4,56
15-Jul-13	19,793.00	4,245.67	24,038.67	318.43		24,3
15-Jan-14	0.00	4,047.74	4,047.74	303.58		4,3
15-Jul-14	20,193.00	4,047.74	24,240.74	303.58		24,5
15-Jan-15	0.00	3,845.81	3,845.81	288.44		4,13
15-Jul-15	20,601.00	3,845.81	24,446.81	288.44		24,73
15-Jan-16	0.00	3,639.80	3,639.80	272.99		3,9
15-Jul-16	21,017.00	3,639.80	24,656.80	272.99		24,92
15-Jan-17	0.00	3,429.63	3,429.63	257.22		3,68
15-Jul-17	21,441.00	3,429.63	24,870.63	257.22		25,12
15-Jan-18	0.00	3,215.22	3,215.22	241.14		3,4
15-Jul-18	21,874.00	3,215.22	25,089.22	241.14		25,3
	0.00		2,996.48	224.74		3,2
15-Jan-19		2,996.48		224.74		
15-Jul-19	22,316.00	2,996.48	25,312.48			25,5
15-Jan-20	0.00	2,773.32	2,773.32	208.00		2,98
15-Jul-20	22,767.00	2,773.32	25,540.32	208.00		25,7
15-Jan-21	0.00	2,545.65	2,545.65	190.92		2,7
15-Jul-21	23,227.00	2,545.65	25,772.65	190.92		25,96
15-Jan-22	0.00	2,313.38	2,313.38	173.50		2,4
15-Jul-22	23,696.00	2,313.38	26,009.38	173.50		26,1
15-Jan-23	0.00	2,076.42	2,076.42	155.73		2,2
15-Jul-23	24,175.00	2,076.42	26,251.42	155.73		26,4
15-Jan-24	0.00	1,834.67	1,834.67	137.60		1,9
15-Jul-24	24,663.00	1,834.67	26,497.67	137.60		26,6
15-Jan-25	0.00	1,588.04	1,588.04	119.10		1,70
15-Jul-25	25,162.00	1,588.04	26,750.04	119.10		26,86
15-Jan-26	0.00	1,336.42	1,336.42	100.23		1,4
15-Jul-26	25,670.00	1,336.42	27,006.42	100.23		27,1
15-Jan-27	0.00	1,079.72	1,079.72	80.98		1,10
15-Jul-27	26,189.00	1,079.72	27,268.72	80.98		27,3
				61.34		27,35
15-Jan-28	0.00	817.83	817.83			27,5
15-Jul-28	26,718.00	817.83	27,535.83	61.34		
15-Jan-29	0.00	550.65	550.65	41.30		5
15-Jul-29	27,257.00	550.65	27,807.65	41.30		27,8
15-Jan-30	0.00	278.08	278.08	20.86		2
15-Jul-30	27,808.00	278.08	28,086.08	20.86		28,1
15-Jan-31	0.00	0.00	0.00	0.00		
15-Jul-31	0.00	0.00	0.00	0.00		
15-Jan-32	0.00	0.00	0.00	0.00		
15-Jul-32	0.00	0.00	0.00	0.00		
15-Jan-33	0.00	0.00	0.00	0.00		
15-Jul-33	0.00	0.00	0.00	0.00		
15-Jan-34	0.00	0.00	0.00	0.00		
15-Jul-34	0.00	0.00	0.00	0.00		
15-Jan-35	0.00	0.00	0.00	0.00		
15-Jul-35	0.00	0.00	0.00	0.00		
				0.00		
15-Jan-36	0.00	0.00	0.00			
15-Jul-36	0.00	0.00	0.00	0.00		
15-Jan-37	0.00	0.00	0.00	0.00		
15-Jul-37	0.00	0.00	0.00	0.00		
15-Jan-38	0.00	0.00	0.00	0.00		
15-Jul-38	0.00	0.00	0.00	0.00		
15-Jan-39	0.00	0.00	0.00	0.00		
15-Jul-39	0.00	0.00	0.00	0,00		
15-Jan-40	0.00	0.00	0.00	0.00		
15-Jul-40	0.00	0.00	0.00	0.00		
15-Jan-41	0.00	0.00	0.00	0.00		
15-Jul-41	0.00	0.00	0.00	0.00		
	\$462,985.00	\$103,548.17	\$566,533.17	\$7,752.64	\$3,078.85	\$577,3

<sup>\*</sup> This Project may qualify for principal forgiveness under the American Recovery and Reinvestment Act of 2009 ("ARRA") upon issuance of a Project Completion Certificate. To qualify for principal forgiveness, the Borrower must comply with the requirements of ARRA listed on Schedule B of this Loan Agreement.

Series 5

Title V Loan Vhitman 97-1154

Preliminary Loan Structuring Analysis

Schedule of Loan Repayments

Outstanding Loan Oblig \$73,215.00

•				Loa	n Subsidy Ar	nounts			
					Contrac		_		
		ed Loan Rep	ayments	Equity	y Assistance	e	Net L	oan Repay	ments
	<u>Principal</u>	Interest	Tota	<u>Earnings</u>				Interes	
01-Aug-01	3,861.00						2.061.00		
01-Feb-02		\$1,774.65	\$1,774.65	5 \$918.35	<b>P</b> 956 20	0177466	3,861.00	**	3,861.00
01-Aug-02	3,858.00	1,784.56	5,642.56	+, 10,00	,	•		\$0.00	
01-Feb-03	0.00	1,705.47	1,705.47					0.00	
01-Aug-03	3,858.00	1,705.47	5,563.47		833.36	•		0.00	
01-Feb-04	0.00	1,623.50	1,623.50		833.36	,	•	0.00	,
01-Aug-04	3,858.00	1,623.50	5,481.50	•		.,		0.00	
01-Feb-05	0.00	1,539.11	1,539.11		802.75	,	•	0.00	
01-Aug-05	3,858.00	1,539.11	5,397.11		769.73	•	0.00	0.00	
01-Feb-06	0.00	1,452.31	1,452.31		769.73	,	3,858.00	0.00	3,858.00
01-Aug-06	3,858.00	1,452.31			734.30	-,	(0.00)	0.00	()
01-Feb-07	0.00	1,452.51	5,310.31		734.30	1,452.31	3,858.00	0.00	3,858.00
01-Aug-07	3,858.00	1,351.04	1,351.04		684.40	1,351.04	0.00	0.00	
01-Feb-08	0.00	1,331.04	5,209.04		684.40	1,351.04	3,858.00	0.00	3,858.00
01-Aug-08	3,858.00	•	1,249.77	615.27	634.50	1,249.77	(0.00)	0.00	(0.00)
01-Feb-09	0.00	1,249.77	5,107.77	615.27	634.50	1,249.77	3,858.00	0.00	3,858.00
01-Aug-09	3,858.00	1,157.18	1,157.18	563.90	593.28	1,157.18	0.00	0.00	0.00
01-Aug-09 01-Feb-10	0.00	1,157.18	5,015.18	563.90	593.28	1,157.18	3,858.00	0.00	3,858.00
1-Aug-10	3.884.00	1,055.91	1,055.91	512.53	543.38	1,055.91	0.00	. 0.00	0.00
01-Feb-11	•	1,055.91	4,939.91	512.53	543.38	1,055.91	3,884.00	0.00	3,884.00
01-Peo-11 01-Aug-11	0.00	958.82	958.82	460.82	498.00	958.82	0.00	0.00	0.00
01-Aug-11 01-Feb-12	3,884.00	958.82	4,842.82	460.82	498.00	958.82	3,884.00	0.00	3,884.00
	0.00	854.44	854.44	409.10	445.34	854.44	0.00	0.00	0.00
01-Aug-12	3,884.00	854.44	4,738.44	409.10	445.34	854.44	3,884.00	0.00	3,884.00
01-Feb-13	0.00	747.64	747.64	357.39	390.25	747.64	(0.00)	0.00	(0.00)
01-Aug-13	3,884.00	747.64	4,631.64	357.39	390.25	747.64	3,884.00	0.00	3,884.00.
01-Feb-14	0.00	640.83	640.83	305.67	335.16	640.83	0.00	0.00	0.00
01-Aug-14	3,884.00	640.83	4,524.83	305.67	335.16	640.83	3,884.00	0.00	3,884.00
01-Feb-15	0.00	534.03	534.03	253.96	280.07	534.03	0.00	0.00	0.00
01-Aug-15	3,814.00	534.03	4,348.03	253.96	280.07	534.03	3,814.00	0.00	3,814.00
01-Feb-16	0.00	433.90	433.90	203.17	230.73	433.90	0.00	0.00	0.00
01-Aug-16	3,814.00	433.90	4,247.90	203.17	230.73	433.90	3,814.00	0.00	3,814.00
01-Feb-17	0.00	324.23	324.23	152.37	171.86	324.23	0.00	0.00	0.00
01-Aug-17	3,814.00	324.23	4,138.23	152.37	171.86	324.23	3,814.00	0.00	3,814.00
01-Feb-18	0.00	214.56	214.56	101.58	112.98	214.56	0.00	0.00	0.00
01-Aug-18	3,814.00	214.56	4,028.56	101.58	112.98	214.56	3,814.00	0.00	3,814.00
01-Feb-19	0.00	104.90	104.90	50.79	54.11	104.90	(0.00)	0.00	(0.00)
01-Aug-19	3,814.00	104.90	3,918.90	50.79	54.11	104.90	3,814.00	0.00	3,814.00
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	
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	
01-Feb-22	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-\$		5,454.46 \$10				35,454.46	0.00	0.00	0.00
				-11,500.15 B	,11,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	27,474.40	\$73,215.00	\$0.00	\$73,215.00

te: Interest, Equity Earnings and Contract Assistance Payments reflect partial first period.

G.E. 50,00%

Schedule of Loan Repayments

Obligation: 4,924,698.80

	9.4	heduled Loan Repayments		Loan	Subsidy Amounts					
	30,	nequied Loan Repayments		•	Revised					
Date	Principal	ludad		DSRF	Contract		No	t Loan Repayment		
2	7 THE PA	Interest	Total	Earnings	Assistance	<u>Total</u>	Principal	Interest	Total	
01-Feb-05	0.00		*							
01-Aug-05	208,499,51	108,765,69	108,765.69	42,648.29	0.00	42,648.29	0.00	66,117,40	66,117.40	
01-Feb-06	. 0.00	115,174,45	323,673.96	42,552.35	112,709.02	155,261,37	168,412,59	0.00		
01-Aug-06		112,046.96	112,046,96	40,750,79	325.63	41,076,42	0.00	70,970.54	168,412.59	
01-Feb-07	213,639.97	112,046.96	325,686.93	40,750,79	112,709.02	153,459,81	172,227,12	0.00	70,970,54	
01-Aug-07	0.00	106,705,97	106,705.97	38,904.82	325.63	39,230,45	0,00	67,475,52	172,227.12	
01-Feb-08	221,081.44	106,705,97	327,787.41	38,904.82	112,709,02	151,613,84	176,173,57		67,475.52	
01-Aug-08	0.00	101,178.92	101,178.92	36,994,54	325.63	37,320,17	0.00	0.00	176,173.57	
01-Feb-09	228,782.67	102,121.19	330,903.86	36,994,54	113,173,09	150,167,63		63,858,75	63,858.75	
	0.00	95,445.22	95,445.22	35,017.72	325,63	35.343.35	180,736,24	0.00	180,736.24	
01-Aug-09	234,839.75	95,445.22	330,284.97	35,017,72	112,694,88	147,712.60	0,00	60,101.87	60,101.87	
01-Feb-10	0.00	91,452.94	91,452.94	32,988.56	325,63		182,572.37	0.00	182,572.37	
01-Aug-10	241,107.82	91,452.94	332,560,76	32,988.56	112,694,88	33,314.19	0,00	58,138.75	58,138.75	
01-Feb-11	0.00	85,425.25	85,425.25	30,905,24	325,63	145,683.44	186,877,32	0,00	186,877.32	
01-Aug-11	247,865.55	85,425.25	333,290,80	30,905.24		31,230.87	0.00	54,194.38	54,194.38	
01-Feb-12	0.00	80,839,74	80,839.74	28,763.54	112,694.88	143,600.12	189,690.68	0.00	189,690.68	
01-Aug-12	253,565.34	80,839.74	334,405.08	28,763,54	325,63	29,089.17	00,0	51,750,57	\$1,750.57	
01-Feb-13	0.00	79,221,84	79,221.84	26,572.58	114,421.59	143,185.13	191,219.96	0.00	191,219.96	
01-Aug-13	263,740.76	57,682,65	321,423.41		325.63	26,898.21	0.00	52,323,63	52,323,63	
01-Feb-14	0.00	69,738.37	69,738.37	26,572.58	104,098.56	130,671.14	190,752,27	0.00	190,752,27	
01-Aug-14	273,693.24	49,637,56	323,330.80	24,293.71	325.63	24,619.34	0.00	45,119.03	45,119.03	
01-Feb-15	0.00	62,551,92	62,551,92	24,293.71	103,536.60	127,830.31	195,500.48	0.00	195,500,48	
01-Aug-15	278,669,48	43,548,63	322,218,11	21,928,83	325,63	22,254.46	0.00	40,297.46	40,297.46	
01-Feb-16	. 0.00	55,674,83	55,674.83	21,928,83	104,129.19	126,058.02	196,160.09	0.00	196,160,09	
01-Aug-16	288,621,96	35,801,78		19,520.96	325.63	19,846.59	0.00	35,828,24	35,828.24	
01-Feb-17	0.00	48,691,68	324,423.74	19,520.96	103,855.34	123,376.30	201,047,45	0.00	201,047,45	
01-Aug-17	303,550,68	34,183,18	48,691.68	17,027.09	325.63	17,352.72	0.00	31,338,96	31,338.96	
01-Feb-18	0.00	41,193,93	337,733,86	17,027.09	106,699.31	123,726.40	214,007,46	0.00	214,007,46	
01-Aug-18	313,503,16	37,450,08	41,193.93	14,404.24	325.63	14,729.87	0.00	26,464.06	26,464.06	
01-Feb-19	0.00	33,449,26	350,953.24	14,404.24	112,173.60	126,577,84	224,375.40	0.00	224,375.40	
01-Aug-19	323,455.64	17,956,78	33,449.26	11,695,38	325.63	12,021,01	0.00	21,428,25		
01-Feb-20	0.00		341,412.42	11,695,38	106,480,75	118,176,13	223,236,29	0.00	21,428.25	
01-Aug-20	333,408,13	25,632.89	25,632,89	8,900.52	325.63	9,226,15	0.00		223,236.29	
01-Feb-21	0.00	16,475.52	349,883.65	8,900.52	109,842,89	118,743.41	231,140,23	16,406.74 0.00	16,406.74	
01-Aug-21	343,360,61	17,416,84	17,416.84	6,019.68	325.63	6,345,31	0.00		231,140.23	
01-Feb-22		17,416.84	360,777.45	6,019.68	114,481,16	120,500.84	240,276,61	11,071.53	11,071.53	
01-Aug-22	0.00	8,832,83	8,832.83	3,052.83	325,63	3,378,46	. 0.00	0.00	240,276.61	
01-Abg-22 01-Feb-23	353,313.09	8,632.83	362,145.92	3,052.83	114,481.16	117.533.99		5,454.37	5,454.37	
	0.00	0.00	0.00	. 0.00	0.00	0.00	244,511.93	0.00	244,611.93	
01-Aug-23	0.00	0.00	0.00	0.00	0.00	0,00	0.00	00.0	0.00	
01-Feb-24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	4,924,698.80	2,332,462,64	7,257,161.44	880,682,70	1,989,120,64	2,869,803.34	0.00	0.00	0.00	
					1,303,120.04	∠,869,803.34	3,609,018.05	778,340.04	4,387,358,10	

Massachusetts Water Pollution Abatement Trust Water Pollution Abatement Revenue Bonds (Pool Loan Program Bonds) Series 8 Whitman DW-01-20

Schedule of Administrative Fee [After October 26, 2004]

Date   Qutstanding   Qutstanding   Qu075%			Administrative
Date 26-Oct-04         Outstanding         0.075%           01-Feb-05         4,924,698.80         3,701.85           01-Aug-05         4,924,698.80         3,693.52           01-Feb-06         4,716,199.29         3,537.15           01-Aug-06         4,716,199.29         3,537.15           01-Feb-07         4,502,559.32         3,376.92           01-Aug-07         4,502,559.32         3,376.92           01-Feb-08         4,281,477.88         3,211.11           01-Aug-09         4,052,695.21         3,039.52           01-Aug-09         4,052,695.21         3,039.52           01-Aug-10         3,817,855.46         2,863.39           01-Feb-10         3,817,855.46         2,863.39           01-Feb-11         3,576,747.64         2,682.56           01-Aug-12         3,328,882.09         2,496.66           01-Aug-13         3,075,316.75         2,306.49           01-Aug-13         3,075,316.75         2,306.49           01-Aug-14         2,811,575.99         2,108.68           01-Aug-14         2,811,575.99         2,108.68           01-Aug-14         2,811,575.99         2,108.68           01-Feb-15         2,537,882.75         1,903.41			Fee
26-Oct-04  01-Feb-05		Principal	Payable @
26-Oct-04  01-Feb-05	Date	Outstanding	0.075%
01-Aug-06			
01-Aug-06			
01-Feb-06	01-Feb-05	4,924,698.80	3,701.85
01-Feb-06	01-Aug-05	4,924,698.80	3,693.52
01-Aug-06 01-Feb-07 01-Feb-07 01-Feb-08 01-Feb-08 01-Feb-08 01-Feb-08 01-Feb-09 01-Feb-10 03,817,855.46 02,863.39 01-Aug-10 03,817,855.46 02,863.39 01-Feb-11 03,576,747.64 01-Feb-12 01-Feb-13 01-Feb-12 01-Feb-13 01-Feb-13 01-Feb-13 01-Feb-13 01-Feb-14 01-Feb-13 01-Feb-14 01-Feb-15 01-Feb-15 01-Feb-15 01-Feb-15 01-Feb-16 01-Feb-17 01-Feb-16 01-Feb-17 01-Feb-18 01-Feb-18 01-Feb-19 01-Feb-20 01-Aug-19 01-Feb-21 00-00 01-Feb-22 01-Aug-22 00-00 01-Feb-23 00-00 01-Feb-25 00-00 01-Feb-26 00-00 01-Feb-27 00-00 01-Feb-28 00-00 01-Feb-29 00-00 01-Feb-29 00-00 01-Feb-29 00-00 01-Feb-31 00-00 01-Feb-32 00-00 01-Aug-32 00-00 01-Feb-31 00-00 01-Feb-31 00-00 01-Feb-31 00-00 01-Feb-32 00-00 01-Feb-32 00-00 01-Feb-31 00-00 01-Feb-32 00-00 01-Feb-32 00-00 01-Feb-32 00-00 01-Feb-31 00-00 01-Feb-32 00-00 01-Feb-31 00-00 01-Feb-32 00-00 01-Feb			3,537.15
01-Feb-07			
01-Aug-07			
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01-Feb-11 3,576,747.64 2,682.56 01-Aug-11 3,576,747.64 2,682.56 01-Aug-11 3,576,747.64 2,682.56 01-Feb-12 3,328,882.09 2,496.66 01-Aug-12 3,328,882.09 2,496.66 01-Aug-12 3,328,882.09 2,496.66 01-Feb-13 3,075,316.75 2,306.49 01-Aug-13 3,075,316.75 2,306.49 01-Aug-14 2,811,575.99 2,108.68 01-Feb-15 2,537,882.75 1,903.41 01-Aug-15 2,537,882.75 1,903.41 01-Aug-16 2,259,213.27 1,694.41 01-Feb-16 2,259,213.27 1,694.41 01-Feb-17 1,970,591.31 1,477.94 01-Feb-18 1,667,040.63 1,250.28 01-Feb-19 1,353,537.47 1,015.15 01-Aug-19 1,353,537.47 1,015.15 01-Aug-19 1,353,537.47 1,015.15 01-Aug-20 1,030,081.83 772.56 01-Feb-21 696,673.70 522.51 01-Feb-23 0,00 0,00 0,00 01-Feb-23 0,00 0,00 0,00 01-Feb-25 0,00 0,00 0,00 01-Feb-26 0,00 0,00 0,00 01-Feb-27 0,00 0,00 0,00 01-Feb-28 0,00 0,00 0,00 01-Feb-27 0,00 0,00 0,00 01-Feb-27 0,00 0,00 0,00 01-Feb-27 0,00 0,00 0,00 01-Feb-28 0,00 0,00 0,00 01-Feb-29 0,00 0,00 0,00 01-Feb-31 0,00 0,00 0,00 01-Feb-32 0,00 0,00 0,00 01-Feb-31 0,00 0,00 0,00 01-Feb-31 0,00 0,00 0,00 01-Feb-31 0,00 0,00 0,00 01-Feb-32 0,00 0,00 0,00 01-Feb-31 0,00 0,00 0,00 01-Feb-32 0,00 0,00 0,00 01-Feb-31 0,00 0,00 0,00 01-Feb-32 0,00 0,00 0,00 01-Feb-31 0,00 0,00 0,00 01-Feb-31 0,00 0,00 0,00 01-Feb-31 0,00 0,00 0,00 01-Feb-31 0,00 0,00 0,00 01-Feb-32 0,00 0,00 0,00 01-Feb-31 0,00 0,00 0,00 01-Feb-32 0,00 0,00 0,00 01-Feb-32 0,00 0,00 0,00 01-Feb-31 0,00 0,00 0,00 01-Feb-32 0,00 0,00 0,00 01-Feb-32 0,00 0,00 0,00 01-Feb-32 0,00 0,00 0,00 01-Feb-31 0,00 0,00 0,00 01-Feb-32 0,			
01-Aug-11 3,576,747.64 2,682.56 01-Feb-12 3,328,882.09 2,496.66 01-Aug-12 3,328,882.09 2,496.66 01-Feb-13 3,075,316.75 2,306.49 01-Feb-13 3,075,316.75 2,306.49 01-Feb-14 2,811,575.99 2,108.68 01-Aug-14 2,811,575.99 2,108.68 01-Aug-14 2,811,575.99 2,108.68 01-Feb-15 2,537,882.75 1,903.41 01-Feb-16 2,259,213.27 1,694.41 01-Feb-16 2,259,213.27 1,694.41 01-Feb-17 1,970,591.31 1,477.94 01-Feb-18 1,667,040.63 1,250.28 01-Feb-19 1,353,537.47 1,015.15 01-Aug-19 1,353,537.47 1,015.15 01-Aug-19 1,353,537.47 1,015.15 01-Feb-20 1,030,081.83 772.56 01-Aug-20 1,030,081.83 772.56 01-Feb-21 696,673.70 522.51 01-Feb-22 353,313.09 264.98 01-Feb-23 0,00 0,00 01-Feb-23 0,00 0,00 01-Feb-25 0,00 0,00 01-Feb-26 0,00 0,00 01-Feb-27 0,00 0,00 01-Feb-28 0,00 0,00 01-Feb-26 0,00 0,00 01-Feb-27 0,00 0,00 01-Feb-28 0,00 0,00 01-Feb-29 0,00 0,00 01-Feb-27 0,00 0,00 01-Feb-28 0,00 0,00 01-Feb-29 0,00 0,00 01-Feb-31 0,00 0,00 01-Feb-32 0,00 0,00 01-Feb-32 0,00 0,00			
01-Feb-12	01-Feb-11		•
01-Aug-12	01-Aug-11	3,576,747.64	2,682.56
01-Feb-13 3,075,316.75 2,306.49 01-Aug-13 3,075,316.75 2,306.49 01-Feb-14 2,811,575.99 2,108.68 01-Aug-14 2,811,575.99 2,108.68 01-Aug-15 2,537,882.75 1,903.41 01-Aug-15 2,537,882.75 1,903.41 01-Aug-16 2,259,213.27 1,694.41 01-Aug-16 2,259,213.27 1,694.41 01-Aug-17 1,970,591.31 1,477.94 01-Feb-18 1,667,040.63 1,250.28 01-Aug-18 1,667,040.63 1,250.28 01-Feb-19 1,353,537.47 1,015.15 01-Aug-19 1,353,537.47 1,015.15 01-Aug-20 1,030,081.83 772.56 01-Feb-21 696,673.70 522.51 01-Feb-21 696,673.70 522.51 01-Feb-22 353,313.09 264.98 01-Aug-22 353,313.09 264.98 01-Feb-23 0.00 0.00 01-Feb-23 0.00 0.00 01-Feb-24 0.00 0.00 01-Feb-25 0.00 0.00 01-Feb-26 0.00 0.00 01-Feb-27 0.00 0.00 01-Feb-27 0.00 0.00 01-Feb-28 0.00 0.00 01-Feb-27 0.00 0.00 01-Feb-27 0.00 0.00 01-Feb-28 0.00 0.00 01-Feb-29 0.00 0.00 01-Feb-31 0.00 0.00 01-Feb-31 0.00 0.00 01-Feb-31 0.00 0.00 01-Feb-31 0.00 0.00 01-Feb-32 0.00 0.00 0.00 01-Feb-31 0.00 0.00 01-Feb-31 0.00 0.00 01-Feb-32 0.00 0.00 01-Feb-32 0.00 0.00 01-Feb-32 0.00 0.00 01-Feb-31 0.00 0.00 01-Feb-32 0.00 0.00 01-Feb-32 0.00 0.00 01-Feb-32 0.00 0.00 01-Feb-31 0.00 0.00 01-Feb-32 0.00 0.00 01-	01-Feb-12	3,328,882.09	2,496.66
01-Feb-13 3,075,316.75 2,306.49 01-Feb-14 2,811,575.99 2,108.68 01-Aug-13 3,075,316.75 2,306.49 01-Feb-14 2,811,575.99 2,108.68 01-Aug-14 2,811,575.99 2,108.68 01-Aug-15 2,537,882.75 1,903.41 01-Aug-15 2,537,882.75 1,903.41 01-Feb-16 2,259,213.27 1,694.41 01-Aug-16 2,259,213.27 1,694.41 01-Feb-17 1,970,591.31 1,477.94 01-Feb-18 1,667,040.63 1,250.28 01-Aug-18 1,667,040.63 1,250.28 01-Aug-19 1,353,537.47 1,015.15 01-Aug-19 1,353,537.47 1,015.15 01-Aug-20 1,030,081.83 772.56 01-Feb-21 696,673.70 522.51 01-Feb-21 696,673.70 522.51 01-Feb-22 353,313.09 264.98 01-Feb-23 0.00 0.00 01-Feb-23 0.00 0.00 01-Feb-24 0.00 0.00 01-Feb-25 0.00 0.00 01-Feb-26 0.00 0.00 01-Feb-27 0.00 0.00 01-Feb-26 0.00 0.00 01-Feb-27 0.00 0.00 01-Feb-27 0.00 0.00 01-Feb-27 0.00 0.00 01-Feb-28 0.00 0.00 01-Feb-29 0.00 0.00 01-Feb-31 0.00 0.00 01-Feb-31 0.00 0.00 01-Feb-31 0.00 0.00 01-Feb-31 0.00 0.00 01-Feb-32 0.00 0.00 0.00 01-Feb-31 0.00 0.00 01-Feb-32 0.00 0.00 0.00 01-Feb-31 0.00 0.00 01-Feb-32 0.00 0.00 01-Feb-31 0.00 0.00 01-Feb-32 0.00 0.00 01-Feb-32 0.00 0.00 01-Feb-31 0.00 0.00 01-Feb-32 0.00	01-Aug-12	3,328,882.09	2,496.66
01-Aug-13 3,075,316.75 2,306.49 01-Feb-14 2,811,575.99 2,108.68 01-Aug-14 2,811,575.99 2,108.68 01-Feb-15 2,537,882.75 1,903.41 01-Aug-15 2,537,882.75 1,903.41 01-Feb-16 2,259,213.27 1,694.41 01-Feb-17 1,970,591.31 1,477,94 01-Feb-18 1,667,040.63 1,250.28 01-Aug-18 1,667,040.63 1,250.28 01-Aug-18 1,667,040.63 1,250.28 01-Feb-19 1,353,537.47 1,015.15 01-Aug-19 1,353,537.47 1,015.15 01-Aug-19 1,353,537.47 1,015.15 01-Feb-20 1,030,081.83 772.56 01-Aug-20 1,030,081.83 772.56 01-Feb-21 696,673.70 522.51 01-Feb-22 353,313.09 264.98 01-Feb-23 0.00 0.00 01-Feb-23 0.00 0.00 01-Feb-24 0.00 0.00 01-Feb-25 0.00 0.00 01-Feb-25 0.00 0.00 01-Feb-26 0.00 0.00 01-Feb-27 0.00 0.00 01-Feb-28 0.00 0.00 01-Feb-29 0.00 0.00 01-Feb-27 0.00 0.00 01-Feb-28 0.00 0.00 01-Feb-29 0.00 0.00 01-Aug-27 0.00 0.00 01-Feb-28 0.00 0.00 01-Feb-29 0.00 0.00 01-Feb-29 0.00 0.00 01-Feb-31 0.00 0.00 01-Feb-31 0.00 0.00 01-Aug-32 0.00 0.00		3,075,316,75	2,306.49
01-Feb-14         2,811,575.99         2,108.68           01-Aug-14         2,811,575.99         2,108.68           01-Feb-15         2,537,882.75         1,903.41           01-Feb-16         2,259,213.27         1,694.41           01-Aug-16         2,259,213.27         1,694.41           01-Aug-16         2,259,213.27         1,694.41           01-Feb-17         1,970,591.31         1,477.94           01-Aug-18         1,667,040.63         1,250.28           01-Feb-19         1,353,537.47         1,015.15           01-Feb-19         1,353,537.47         1,015.15           01-Feb-20         1,030,081.83         772.56           01-Aug-20         1,030,081.83         772.56           01-Feb-21         696,673.70         522.51           01-Feb-21         696,673.70         522.51           01-Feb-22         353,313.09         264.98           01-Aug-23         0.00         0.00           01-Aug-23         0.00         0.00           01-Aug-24         0.00         0.00           01-Feb-25         0.00         0.00           01-Feb-26         0.00         0.00           01-Feb-27         0.00         0.00			2,306,49
01-Aug-14 01-Feb-15 01-Feb-15 01-Aug-15 01-Aug-15 01-Aug-15 01-Aug-15 01-Aug-15 01-Aug-16 01-Feb-16 01-Feb-16 01-Feb-17 01-Aug-16 01-Feb-17 01-Feb-17 01-Feb-17 01-Feb-17 01-Aug-17 01-Feb-18 01-Feb-18 01-Feb-18 01-Feb-18 01-Feb-19 01-Feb-19 01-Feb-19 01-Feb-19 01-Aug-19 01-Feb-20 01-Aug-20 01-Aug-20 01-Feb-21 01-Feb-21 01-Feb-21 01-Feb-22 01-Aug-21 01-Feb-23 01-Aug-23 01-Aug-24 01-Aug-24 01-Feb-24 000 01-Feb-25 01-Aug-26 01-Aug-26 01-Aug-27 01-Feb-27 01-Feb-28 01-Aug-26 01-Feb-29 01-Feb-27 01-Aug-27 01-Feb-28 000 01-Feb-27 01-Aug-29 01-Feb-28 000 01-Feb-27 01-Aug-27 01-Aug-29 01-Feb-28 000 01-Feb-29 000 01-Aug-29 01-Feb-31 0.00 01-Aug-30 01-Feb-31 0.00 01-Feb-31 0.00 01-Feb-31 0.00 01-Feb-31 0.00 01-Aug-32 0.00 01-Feb-31 0.00 01-Aug-32 0.00 01-Feb-31 0.00 01-Aug-32 0.00 01-Feb-31 0.00 01-Aug-32 0.00 01-Aug-32 0.00 01-Feb-31 0.00 01-Aug-32 0.00 01-Feb-31 0.00 01-Aug-32 0.00 01-Aug-32 0.00 01-Aug-32 0.00 01-Aug-32 0.00 01-Aug-32 0.00 01-Aug-32			
01-Feb-15			
01-Aug-15         2,537,882.75         1,903.41           01-Feb-16         2,259,213.27         1,694.41           01-Aug-16         2,259,213.27         1,694.41           01-Feb-17         1,970,591.31         1,477.94           01-Aug-17         1,970,591.31         1,477.94           01-Feb-18         1,667,040.63         1,250.28           01-Aug-18         1,667,040.63         1,250.28           01-Feb-19         1,353,537.47         1,015.15           01-Feb-20         1,030,081.83         772.56           01-Aug-20         1,030,081.83         772.56           01-Aug-21         696,673.70         522.51           01-Feb-21         696,673.70         522.51           01-Feb-22         353,313.09         264.98           01-Aug-23         0.00         0.00           01-Aug-23         0.00         0.00           01-Aug-24         0.00         0.00           01-Feb-25         0.00         0.00           01-Feb-26         0.00         0.00           01-Aug-27         0.00         0.00           01-Feb-28         0.00         0.00           01-Feb-29         0.00         0.00			
01-Feb-16         2,259,213.27         1,694.41           01-Aug-16         2,259,213.27         1,694.41           01-Feb-17         1,970,591.31         1,477.94           01-Aug-17         1,970,591.31         1,477.94           01-Feb-18         1,667,040,63         1,250.28           01-Aug-18         1,667,040,63         1,250.28           01-Feb-19         1,353,537.47         1,015.15           01-Aug-19         1,353,537.47         1,015.15           01-Aug-20         1,030,081.83         772.56           01-Feb-21         696,673.70         522.51           01-Feb-21         696,673.70         522.51           01-Feb-22         353,313.09         264.98           01-Aug-23         0.00         0.00           01-Aug-23         0.00         0.00           01-Feb-23         0.00         0.00           01-Feb-24         0.00         0.00           01-Feb-23         0.00         0.00           01-Feb-24         0.00         0.00           01-Feb-25         0.00         0.00           01-Feb-26         0.00         0.00           01-Feb-27         0.00         0.00           01-			
01-Aug-16			
01-Feb-17         1,970,591.31         1,477.94           01-Aug-17         1,970,591.31         1,477.94           01-Feb-18         1,667,040.63         1,250.28           01-Aug-18         1,667,040.63         1,250.28           01-Feb-19         1,353,537.47         1,015.15           01-Aug-19         1,353,537.47         1,015.15           01-Feb-20         1,030,081.83         772.56           01-Aug-20         1,030,081.83         772.56           01-Feb-21         696,673.70         522.51           01-Feb-22         353,313.09         264.98           01-Feb-23         0.00         0.00           01-Aug-24         0.00         0.00           01-Feb-23         0.00         0.00           01-Aug-23         0.00         0.00           01-Aug-24         0.00         0.00           01-Feb-25         0.00         0.00           01-Aug-26         0.00         0.00           01-Aug-25         0.00         0.00           01-Feb-27         0.00         0.00           01-Aug-28         0.00         0.00           01-Aug-28         0.00         0.00           01-Aug-29 <t< td=""><td></td><td></td><td></td></t<>			
01-Aug-17         1,970,591.31         1,477,94           01-Feb-18         1,667,040.63         1,250.28           01-Aug-18         1,667,040.63         1,250.28           01-Feb-19         1,353,537.47         1,015.15           01-Aug-19         1,353,537.47         1,015.15           01-Feb-20         1,030,081.83         772.56           01-Aug-20         1,030,081.83         772.56           01-Feb-21         696,673.70         522.51           01-Feb-21         696,673.70         522.51           01-Feb-22         353,313.09         264.98           01-Aug-23         0.00         0.00           01-Aug-23         0.00         0.00           01-Aug-24         0.00         0.00           01-Aug-25         0.00         0.00           01-Aug-26         0.00         0.00           01-Aug-27         0.00         0.00           01-Feb-28         0.00         0.00           01-Feb-27         0.00         0.00           01-Aug-28         0.00         0.00           01-Feb-29         0.00         0.00           01-Feb-29         0.00         0.00           01-Feb-30         0.			
01-Feb-18         1,667,040.63         1,250.28           01-Aug-18         1,667,040.63         1,250.28           01-Feb-19         1,353,537.47         1,015.15           01-Aug-19         1,353,537.47         1,015.15           01-Feb-20         1,030,081.83         772.56           01-Aug-20         1,030,081.83         772.56           01-Feb-21         696,673.70         522.51           01-Feb-22         353,313.09         264.98           01-Aug-21         696,673.70         522.51           01-Feb-23         0.00         0.00           01-Aug-22         353,313.09         264.98           01-Feb-23         0.00         0.00           01-Aug-23         0.00         0.00           01-Feb-23         0.00         0.00           01-Feb-24         0.00         0.00           01-Aug-24         0.00         0.00           01-Aug-25         0.00         0.00           01-Aug-25         0.00         0.00           01-Feb-26         0.00         0.00           01-Feb-27         0.00         0.00           01-Aug-27         0.00         0.00           01-Feb-28         0.00 </td <td></td> <td></td> <td></td>			
01-Aug-18         1,667,040.63         1,250.28           01-Feb-19         1,353,537.47         1,015.15           01-Aug-19         1,353,537.47         1,015.15           01-Feb-20         1,030,081.83         772.56           01-Aug-20         1,030,081.83         772.56           01-Feb-21         696,673.70         522.51           01-Feb-22         353,313.09         264.98           01-Feb-23         0.00         0.00           01-Feb-23         0.00         0.00           01-Feb-23         0.00         0.00           01-Feb-23         0.00         0.00           01-Aug-24         0.00         0.00           01-Feb-25         0.00         0.00           01-Feb-25         0.00         0.00           01-Aug-25         0.00         0.00           01-Aug-26         0.00         0.00           01-Aug-27         0.00         0.00           01-Aug-28         0.00         0.00           01-Aug-28         0.00         0.00           01-Aug-29         0.00         0.00           01-Aug-29         0.00         0.00           01-Aug-30         0.00         0.00			
01-Feb-19         1,353,537.47         1,015.15           01-Aug-19         1,353,537.47         1,015.15           01-Feb-20         1,030,081.83         772.56           01-Aug-20         1,030,081.83         772.56           01-Aug-21         696,673.70         522.51           01-Feb-21         696,673.70         522.51           01-Feb-22         353,313.09         264.98           01-Aug-23         0.00         0.00           01-Aug-23         0.00         0.00           01-Feb-24         0.00         0.00           01-Feb-25         0.00         0.00           01-Feb-25         0.00         0.00           01-Aug-25         0.00         0.00           01-Feb-26         0.00         0.00           01-Feb-27         0.00         0.00           01-Aug-28         0.00         0.00           01-Aug-28         0.00         0.00           01-Aug-28         0.00         0.00           01-Aug-29         0.00         0.00           01-Aug-30         0.00         0.00           01-Aug-31         0.00         0.00           01-Feb-32         0.00         0.00 </td <td></td> <td></td> <td></td>			
01-Aug-19         1,353,537.47         1,015.15           01-Feb-20         1,030,081.83         772.56           01-Aug-20         1,030,081.83         772.56           01-Feb-21         696,673.70         522.51           01-Feb-22         353,313.09         264.98           01-Aug-22         353,313.09         264.98           01-Feb-23         0.00         0.00           01-Feb-24         0.00         0.00           01-Feb-25         0.00         0.00           01-Aug-24         0.00         0.00           01-Aug-25         0.00         0.00           01-Aug-26         0.00         0.00           01-Feb-27         0.00         0.00           01-Aug-27         0.00         0.00           01-Feb-28         0.00         0.00           01-Feb-29         0.00         0.00			
01-Feb-20 1,030,081.83 772.56 01-Aug-20 1,030,081.83 772.56 01-Feb-21 696,673.70 522.51 01-Aug-21 696,673.70 522.51 01-Feb-22 353,313.09 264.98 01-Feb-23 0.00 0.00 01-Feb-23 0.00 0.00 01-Feb-24 0.00 0.00 01-Feb-25 0.00 0.00 01-Aug-25 0.00 0.00 01-Aug-25 0.00 0.00 01-Feb-26 0.00 0.00 01-Feb-26 0.00 0.00 01-Feb-27 0.00 0.00 01-Feb-27 0.00 0.00 01-Feb-28 0.00 0.00 01-Feb-28 0.00 0.00 01-Feb-28 0.00 0.00 01-Feb-28 0.00 0.00 01-Feb-29 0.00 0.00 01-Feb-29 0.00 0.00 01-Feb-29 0.00 0.00 01-Feb-29 0.00 0.00 01-Aug-29 0.00 0.00 01-Aug-29 0.00 0.00 01-Aug-30 0.00 0.00 01-Feb-31 0.00 0.00 01-Feb-31 0.00 0.00 01-Feb-32 0.00 0.00			
01-Aug-20         1,030,081.83         772.56           01-Feb-21         696,673.70         522.51           01-Aug-21         696,673.70         522.51           01-Feb-22         353,313.09         264.98           01-Aug-22         353,313.09         264.98           01-Feb-23         0.00         0.00           01-Aug-23         0.00         0.00           01-Feb-24         0.00         0.00           01-Feb-25         0.00         0.00           01-Aug-25         0.00         0.00           01-Aug-26         0.00         0.00           01-Feb-27         0.00         0.00           01-Aug-28         0.00         0.00           01-Aug-28         0.00         0.00           01-Aug-28         0.00         0.00           01-Feb-29         0.00         0.00           01-Aug-29         0.00         0.00           01-Aug-30         0.00         0.00           01-Aug-31         0.00         0.00           01-Feb-31         0.00         0.00           01-Feb-32         0.00         0.00           01-Feb-32         0.00         0.00			
01-Feb-21         696,673.70         522.51           01-Aug-21         696,673.70         522.51           01-Feb-22         353,313.09         264.98           01-Aug-22         353,313.09         264.98           01-Feb-23         0.00         0.00           01-Feb-23         0.00         0.00           01-Feb-24         0.00         0.00           01-Aug-24         0.00         0.00           01-Aug-25         0.00         0.00           01-Feb-26         0.00         0.00           01-Feb-27         0.00         0.00           01-Aug-28         0.00         0.00           01-Aug-28         0.00         0.00           01-Feb-29         0.00         0.00           01-Aug-29         0.00         0.00           01-Aug-30         0.00         0.00           01-Aug-31         0.00         0.00           01-Feb-31         0.00         0.00           01-Feb-32         0.00         0.00           01-Aug-32         0.00         0.00	01-Feb-20		
01-Aug-21         696,673.70         522.51           01-Feb-22         353,313.09         264.98           01-Feb-23         0.00         0.00           01-Aug-23         0.00         0.00           01-Feb-24         0.00         0.00           01-Feb-25         0.00         0.00           01-Aug-25         0.00         0.00           01-Feb-26         0.00         0.00           01-Feb-27         0.00         0.00           01-Aug-27         0.00         0.00           01-Feb-28         0.00         0.00           01-Feb-28         0.00         0.00           01-Feb-29         0.00         0.00           01-Aug-29         0.00         0.00           01-Aug-30         0.00         0.00           01-Aug-31         0.00         0.00           01-Feb-31         0.00         0.00           01-Feb-32         0.00         0.00           01-Aug-32         0.00         0.00	01-Aug-20	1,030,081.83	
01-Feb-22         353,313.09         264.98           01-Aug-22         353,313.09         264.98           01-Feb-23         0.00         0.00           01-Feb-24         0.00         0.00           01-Feb-24         0.00         0.00           01-Feb-25         0.00         0.00           01-Aug-25         0.00         0.00           01-Feb-26         0.00         0.00           01-Feb-27         0.00         0.00           01-Feb-27         0.00         0.00           01-Aug-27         0.00         0.00           01-Aug-28         0.00         0.00           01-Aug-28         0.00         0.00           01-Feb-29         0.00         0.00           01-Feb-30         0.00         0.00           01-Aug-30         0.00         0.00           01-Aug-31         0.00         0.00           01-Feb-32         0.00         0.00           01-Aug-32         0.00         0.00	01-Feb-21	696,673.70	522.51
01-Aug-22         353,313.09         264,98           01-Feb-23         0.00         0.00           01-Aug-23         0.00         0.00           01-Feb-24         0.00         0.00           01-Aug-24         0.00         0.00           01-Feb-25         0.00         0.00           01-Aug-25         0.00         0.00           01-Feb-26         0.00         0.00           01-Feb-27         0.00         0.00           01-Aug-27         0.00         0.00           01-Aug-28         0.00         0.00           01-Feb-29         0.00         0.00           01-Feb-29         0.00         0.00           01-Aug-29         0.00         0.00           01-Aug-30         0.00         0.00           01-Aug-31         0.00         0.00           01-Feb-31         0.00         0.00           01-Feb-32         0.00         0.00           01-Aug-32         0.00         0.00	01-Aug-21	696,673.70	522.51
01-Feb-23	01-Feb-22	353,313.09	264.98
01-Feb-23	01-Aug-22	353,313.09	264.98
01-Aug-23         0.00         0.00           01-Feb-24         0.00         0.00           01-Aug-24         0.00         0.00           01-Feb-25         0.00         0.00           01-Feb-26         0.00         0.00           01-Feb-27         0.00         0.00           01-Feb-27         0.00         0.00           01-Aug-27         0.00         0.00           01-Aug-28         0.00         0.00           01-Feb-29         0.00         0.00           01-Aug-29         0.00         0.00           01-Feb-30         0.00         0.00           01-Aug-31         0.00         0.00           01-Feb-31         0.00         0.00           01-Aug-31         0.00         0.00           01-Aug-32         0.00         0.00		0.00	0.00
01-Feb-24			
01-Aug-24 0.00 0.00 01-Feb-25 0.00 0.00 01-Aug-25 0.00 0.00 01-Fug-26 0.00 0.00 01-Fug-27 0.00 0.00 01-Feb-27 0.00 0.00 01-Feb-28 0.00 0.00 01-Feb-28 0.00 0.00 01-Feb-28 0.00 0.00 01-Feb-29 0.00 0.00 01-Feb-29 0.00 0.00 01-Aug-29 0.00 0.00 01-Aug-29 0.00 0.00 01-Feb-31 0.00 0.00 01-Feb-31 0.00 0.00 01-Feb-31 0.00 0.00 01-Feb-32 0.00 0.00 01-Feb-32 0.00 0.00		0.00	0.00
01-Feb-25         0.00         0.00           01-Aug-25         0.00         0.00           01-Feb-26         0.00         0.00           01-Aug-26         0.00         0.00           01-Aug-27         0.00         0.00           01-Aug-28         0.00         0.00           01-Feb-28         0.00         0.00           01-Aug-28         0.00         0.00           01-Feb-29         0.00         0.00           01-Feb-30         0.00         0.00           01-Aug-30         0.00         0.00           01-Feb-31         0.00         0.00           01-Aug-31         0.00         0.00           01-Aug-32         0.00         0.00           01-Aug-32         0.00         0.00			
01-Aug-25 0.00 0.00 01-Feb-26 0.00 0.00 01-Aug-26 0.00 0.00 01-Aug-26 0.00 0.00 01-Feb-27 0.00 0.00 01-Aug-27 0.00 0.00 01-Feb-28 0.00 0.00 01-Aug-28 0.00 0.00 01-Aug-28 0.00 0.00 01-Feb-29 0.00 0.00 01-Feb-30 0.00 0.00 01-Aug-30 0.00 0.00 01-Aug-31 0.00 0.00 01-Feb-31 0.00 0.00 01-Feb-32 0.00 0.00			
01-Feb-26			
01-Aug-26         0.00         0.00           01-Feb-27         0.00         0.00           01-Aug-27         0.00         0.00           01-Feb-28         0.00         0.00           01-Feb-29         0.00         0.00           01-Feb-30         0.00         0.00           01-Feb-30         0.00         0.00           01-Feb-31         0.00         0.00           01-Feb-31         0.00         0.00           01-Feb-32         0.00         0.00           01-Aug-32         0.00         0.00           01-Aug-32         0.00         0.00			
01-Feb-27         0.00         0.00           01-Aug-27         0.00         0.00           01-Feb-28         0.00         0.00           01-Aug-28         0.00         0.00           01-Feb-29         0.00         0.00           01-Feb-30         0.00         0.00           01-Feb-31         0.00         0.00           01-Feb-31         0.00         0.00           01-Feb-32         0.00         0.00           01-Aug-31         0.00         0.00           01-Feb-32         0.00         0.00           01-Aug-32         0.00         0.00			
01-Aug-27 0.00 0.00 01-Feb-28 0.00 0.00 01-Aug-28 0.00 0.00 01-Feb-29 0.00 0.00 01-Feb-30 0.00 0.00 01-Aug-30 0.00 0.00 01-Feb-31 0.00 0.00 01-Feb-31 0.00 0.00 01-Feb-32 0.00 0.00 01-Feb-32 0.00 0.00			
01-Feb-28 0.00 0.00 01-Aug-28 0.00 0.00 01-Feb-29 0.00 0.00 01-Aug-29 0.00 0.00 01-Feb-30 0.00 0.00 01-Aug-31 0.00 0.00 01-Aug-31 0.00 0.00 01-Feb-32 0.00 0.00 01-Feb-32 0.00 0.00 01-Aug-32 0.00 0.00			
01-Aug-28 0.00 0.00 01-Feb-29 0.00 0.00 01-Aug-29 0.00 0.00 01-Feb-30 0.00 0.00 01-Feb-31 0.00 0.00 01-Feb-31 0.00 0.00 01-Feb-31 0.00 0.00 01-Feb-32 0.00 0.00			
01-Feb-29         0.00         0.00           01-Aug-29         0.00         0.00           01-Feb-30         0.00         0.00           01-Aug-30         0.00         0.00           01-Feb-31         0.00         0.00           01-Aug-31         0.00         0.00           01-Feb-32         0.00         0.00           01-Aug-32         0.00         0.00			
01-Aug-29 0.00 0.00 01-Feb-30 0.00 0.00 01-Aug-30 0.00 0.00 01-Feb-31 0.00 0.00 01-Feb-32 0.00 0.00 01-Aug-32 0.00 0.00 01-Aug-32 0.00 0.00	01-Aug-28		
01-Feb-30         0.00         0.00           01-Aug-30         0.00         0.00           01-Feb-31         0.00         0.00           01-Aug-31         0.00         0.00           01-Feb-32         0.00         0.00           01-Aug-32         0.00         0.00			
01-Aug-30 0.00 0.00 01-Feb-31 0.00 0.00 01-Aug-31 0.00 0.00 01-Feb-32 0.00 0.00 01-Aug-32 0.00 0.00			
01-Feb-31 0.00 0.00 01-Aug-31 0.00 0.00 01-Feb-32 0.00 0.00 01-Aug-32 0.00 0.00	01-Feb-30	0.00	0,00
01-Aug-31 0.00 0.00 01-Feb-32 0.00 0.00 01-Aug-32 0.00 0.00	01-Aug-30	0.00	0.00
01-Aug-31 0.00 0.00 01-Feb-32 0.00 0.00 01-Aug-32 0.00 0.00	01-Feb-31	0.00	0.00
01-Feb-32 0.00 0.00 01-Aug-32 0.00 0.00		0.00	0,00
01-Aug-32 0.00 0.00		0.00	0.00
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Schedule of Loan Repayments

Initial Loan Obligation: 1,728,847.00

	1,720,047.00								
	Schodulo	d Loan Repayments		Loan Subsidy Am	ounts				
	Confedure	a coan Napayments		DSRF	Contract		N.	et Loan Repayment	
Date	Principal	Interest	Total	Earnings	Assistance	Total -	Principal	Interest	Total
						-		<u></u>	1000
01-Feb-05	0.00	39,729,73	39.729.73	18,174,66	0,00	18.174.68	0.00	24 555 25	04 555 05
01-Aug-05	83,942.00	43,518,94	127,460,94	18,174.68	45,096.43	63,271,11		21,555.05	21,555,05
01-Feb-06	0.00	42,549,09	42.549.09	17,292.23	1,574.92	18.867.15	64,189.83 0,00	0.00	64,189.83
01-Aug-06	86,335.00	42,569,59	128,904.59	17,292.23	45,682,51	62,974,74	65,929,85	23,681.93	23,681.93
01-Feb-07	0.00	41,722.79	41,722.79	16,384.62	2,124.55	18,509,17		0.00	65,929.85
01-Aug-07	89.129.00	37,910.44	127,039,44	16,384.62	45,106.21	61,490.83	0.00	23,213.61	23,213,61
01-Feb-08	0.00	40,731.32	40,731,32	15,447.65	2,124.55		65,548.60	0.00	65,548.60
01-Aug-08	92,010.00	35,887,01	127,897.01	15,447.65	45.962.35	17,572.20	0.00	23,159.13	23,159.13
01-Feb-09	0.00	39,827,15	39,827.15	14,480,38	2,124,55	61,410.00	66,487.01	0,00	66,487.01
01-Aug-09	94.745.00	29,982.43	124,727.43	14,480.38	2,124,55 45,738,69	16,604.93	0.00	23,222.22	23,222.22
01-Feb-10	0.00	40,733.95	40,733.95	13,484.36		60,219.07	64,508.36	0.00	64,508.36
01-Aug-10	97,686.00	27,129.34	124,815,34	13,484,36	2,124.55	15,608.91	0.00	25,125.04	25,125.04
01-Feb-11	0.00	39,072.02	39.072.02	12,457,43	45,888.40	59,372.77	65,442.58	0.00	65,442.58
01-Aug-11	100,000.00	24,184.07	124,184.07	12,457,43	2,124.55	14,581.98	0.00	24,490.04	24,490.04
01-Feb-12	0.00	36,282,69	36,282.69		45,615.73	58,073.16	66,110.91	0.00	66,110.91
01-Aug-12	105,000,00	18,272.90	123,272.90	11,406.17	2,124.55	13,530.72	0.00	22,751.97	22,751.97
01-Feb-13	0.00	31,706.96	31,706.96	11,406.17	43,128.53	54,534.70	68,738.20	0.00	68,738.20
01-Aug-13	110,000,00	21,208.97	131,208.97	10,302.35	2,124.55	12,426.90	0.00	19,280.06	19,280.06
01-Feb-14	0.00	27,001.26		10,302.35	45,089.97	55,392.32	75,816.66	0.00	75,816.66
01-Aug-14	110,000,00	17,963.30	27,001.26	9,145.96	2,124.55	11,270.51	0.00	15,730.75	15,730.75
01-Feb-15	0.00	23,839,28	127,963.30	9,145.96	44,835.52	53,981.48	73,981.82	0.00	73,981.82
01-Aug-15	115,000,00	16,652.90	23,839.28	7,989.58	2,124.55	10,114.13	0.00	13,725.16	13,725.16
01-Feb-16	0.00	19,468.37	131,652.90	7,989.58	45,036.74	53,026.32	78,626,59	0.00	78,626,59
01-Aug-16	120,000.00	19,468.37	19,468.37	6,780.63	2,124.55	8,905.18	0,00	10,563.20	10,563.20
01-Feb-17	0,00	15,335.28	134,211.23	6,780.63	44,931,85	51,712.48	82,498,75	0.00	82,498.75
01-Aug-17	125,000,00	12,005.45	15,335.28	5,519.12	2,124.55	7,643,67	0.00	7,691.61	7,691.61
01-Feb-18	0.00	12,005.45	137,005.45	5,519.12	44,978.52	50,497.63	86,507.82	0.00	86,507.82
01-Aug-18	130,000,00	9,767.96	10,713.01	4,205.04	2,109.18	6,314.22	0.00	4,398.79	4,398.79
01-Feb-19	0.00	6,534,43	139,767,96	4,205.04	45,617.58	49,822.62	89,945.33	0.00	89,945.33
01-Aug-19	135,000.00	7,087,50	6,534.43	2,838.40	1,848.02	4,686.42	0.00	1,848.01	1,848.01
01-Feb-20	0.00		142,087.50	2,838.40	46,320.52	49,158.92	92,928.58	0.00	92,928.58
01-Aug-20	135,000,00	3,113.67	3,113.67	1,419.20	1,694.47	3,113.67	0.00	0.00	0.00
01-Feb-21	0.00	3,543.75	138,543.75	1,419.20	46,105.48	47,524.68	91,019.07	0,00	91,019.07
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
01-Aug-23	0.00	0.00	0.00	0.00	0,00	0.00	0.00	0,00	0.00
01-Feb-24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-1-60-24	\$1,728,847,00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	\$1,720,847.00	\$820,256.81	\$2,549,103.81	\$334,655.59	\$755,731.68	\$1,090,387.27	\$1,198,279.97	\$260,436.57	\$1,566,502.95

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
Series 6
Whitman
DW-99-22
Final Structuring Analysis

0.144-0-10 1.907.173-0-20 1.31,10-69 20.66.52 4.10-5-45 0.077-20 1.23-26 6.22-0.38 0.04-10-10 1.507.173-0-10 1.507.174-0 1.23-20-10 1.507.174-0 1.507.	Estimated Net Borrower I	Debt Service							-
Delic   Piccipal   Accorded   Enrice   LESS   Entiasted   Free   Entiasted   Piccipal   Accorded   Enrice   Entire   Entitle   Entiasted   Entiasted   Entiasted   Entiasted   Entitle							PLUS		Estimated
Part	/		Debt Service	LESS					
Part	/		[Net of	DSRF	LESS	Estimated		Estimated	
Delta   Deltament	/_		Accrued	Earnings @	Contract				
		Outstanding	Interest	5.256300%	Assistance				
0.1-Mag-61	08-Nov-00					•			20 0011
0.1-Mag-61	01-Feb-01	\$2.042.140.00	F2 / 202 /2						
01-Feb-20						201-00-00-00-00-00-00-00-00-00-00-00-00-0	\$706.59	\$13,070.39	\$13,070,39
0.1-Mag-02  0.1-Mag-02  0.1-Mag-03  0.1-Ma							1,532.36	62,204.39	_
0.1-Re-01 1,803,729.00 129,218.66 19,972.27 40,741.65 1,7	1						1,475.84	29,774.26	91,978.65
01-14-0-10   1-1							1,475.84	63,247.33	-
01-Feb-40 1,105/7000 17,271.66 19,194.83 4,105/700 17,271.66 19,194.83 4,105/700 17,271.66 19,194.83 4,105/700 17,271.66 19,194.83 4,105/700 17,271.66 19,194.83 4,105/700 17,271.66 19,194.83 4,105/700 17,271.66 19,194.83 4,105/700 17,271.66 19,194.83 4,105/700 17,271.66 19,194.83 4,105/700 17,271.66 19,194.83 4,105/700 17,271.66 19,194.83 4,105/700 17,271.66 1,124.870.00 17,271.271.271.271.271.271.271.271.271.271.							1,417.75	28,690.89	91,938.22
01-Rap-04 01-Rap-06 01-Rap-06 1728,847.00				4 (20)			1,417.75	64,368.96	_
01-Fe-05 1/28,470 00 129,470 1							1,358.00	27,576.66	91,945.62
01-Feb-03							1,358.00	65,418.73	-
01-Fe-08								26,534.45	91,953.18
01-Aug-07 01-Aug-08 01-Aug							10 (20 (20 (20 (20 (20 (20 (20 (20 (20 (2	66,495.52	_
01-Feb-77								25,465.24	91,960.76
01-Rep-07								67,819.31	-
01-Feb-03							1,168:93	24,149.73	91,969.04
01-Reg-01   1.469_441.00   131_160.33   13,477.65   1,102.08   70,702.28   71,774.10   1,102.08   70,702.28   71,774.10   1,107.08   70,702.28   71,774.10   1,102.08   70,702.28   71,774.10   1,102.08   70,702.29   71,774.10   1,102.08   70,702.29   71,774.10   1,102.08   70,702.29   71,774.10   1,102.08   70,702.29   71,774.10   1,102.08   70,702.29   71,774.10   1,102.08   70,702.29   71,774.10   1,102.08   70,702.29   71,774.10   1,102.08   70,702.29   71,774.10   1,102.08   70,702.29   71,774.10   1,102.08   70,702.29   71,774.10   1,102.08   70,702.29   71,774.10   1,102.08   70,702.29   71,774.10   1,102.08   70,702.29   71,774.10   1,102.08   70,702.29   71,774.10   1,102.08   70,702.29   71,774.10		A						69,297.80	<u> </u>
01-Feb-19								22,680.21	91,978.01
01-Rag-99							1,102.08	70,709.28	-
01-Reb-10						and Burrack		21,278.22	91,987.50
01-Ray-10 01-Ray-11 1,185,000.00 132,035.63 12,457.43 1,245.53 17,455.65 188.75 18,342.40 2,000.00 10-Aug-11 1,185,000.00 132,035.63 12,457.43 1,245.53 17,455.65 188.75 18,342.40 2,000.00 10-Aug-11 1,185,000.00 132,035.63 12,457.43 1,146.17 1,145.53 11,475.65 11,475.65 11,475.67 11,485.75 11,485								72,042.29	-
01-Feb-11								19,952.99	91,995.28
01-Rug-11 1,185,000.00 132,035.53 12,457.43 46,105.48 73,47.27 838,73 74,361.47 9—5.00.1 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.		AGE 10-10-10-10-10-10-10-10-10-10-10-10-10-1							_
01-Feb-12					\$50 SEC.			18,342.40	92,000.46
01-Rug-12 1,085,000.00 134,410.63 11,466.17 46,103.48 76,898.98 813.73 77,712.73		and the second second second	-0.00 - 41 - 0.00 - 0.0	20		2010/00/2010/00/2010		74,361.47	s <del></del>
01-Feb-13 980,000,00 136,523.13 10,302.55 2,124,55 14,066.23 735.00 14,813.12 92,543.56 01-Aug.13 980,000.00 136,523.13 10,302.35 4,61,05.48 80,115.30 735.00 80,850.30 0-20,000.00 133,718.13 9,145.56 2,124,55 12,447.62 652.50 13,100.12 93,950.00 01-Feb-15 760,000.00 133,718.13 9,145.56 4,105.48 73,466.69 652.50 79,119.19 0-00,000.00 01,048,27 01,000	And the second second							16,693.66	91,055.13
01-Ray-13 980,000.00 136,523.13 10,302.35 46,105.48 80,115.30 735.00 80,8563.09 0-76.00 14-831.25 91,855.00 14-831.25 91,855.00 14-831.25 91,855.00 14-831.25 91,855.00 14-831.25 91,855.00 14-831.25 91,855.00 14-831.25 91,855.00 14-831.25 91,855.00 14-831.25 91,855.00 14-831.25 91,855.00 14-831.25 91,855.00 14-831.25 91,855.00 14-831.25 91,855.00 14-831.25 91,855.00 14-831.25 91,810.2								77,712.73	· -
01-Feb-14 870,000.00 133,718.13 9,145.96 2,124.55 12,447.62 652.50 13,100.12 93,950.42 01-Aug-14 870,000.00 133,718.13 9,145.96 2,124.55 12,445.52 652.50 77,119.19 — 01-Feb-15 760,000.00 20,624.38 7,999.38 2,124.55 10,102.5 970.00 11,080.25 90,199.44 01,042.15 760,000.00 135,624.38 7,999.38 4,105.48 81,529.32 570.00 82,099.32 — 01-Feb-16 645,000.00 137,634.38 6,780.63 42,124.55 8,799.20 483.75 9,212.05 91,312.27 01-Aug-16 645,000.00 137,634.38 6,780.63 42,124.55 8,799.20 483.75 9,212.05 91,312.27 01-Aug-17 525,000.00 139,259.38 5,519.12 41,615.48 84,748.27 443.75 85,232.02 — 01-Feb-17 525,000.00 139,259.38 5,519.12 41,615.48 84,748.27 443.75 85,232.02 — 01-Feb-18 400,000.00 10,743,75 4,205.04 46,105.48 94,332.3 300.00 96,333.33 — 01-Feb-19 270,000.00 7,787.50 2,338.40 46,105.48 94,332.3 300.00 96,333.33 — 01-Feb-19 270,000.00 7,787.50 2,338.40 46,105.48 94,332.2 300.00 96,333.33 — 01-Feb-20 135,000.00 3,343.75 1,419.20 42,124.55 0,00 101.25 91,120.32 01-Feb-21 0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,								14,831.23	92,543.96
01-Reb-15 760,000.00 133,718.13 9,145.96 46,105.48 73,466.69 652.50 73,119.19 — 01-Feb-15 760,000.00 20,624.38 7,989.38 46,105.48 13,759.25 570.00 11,080.25 90,189.48 01-Rug-15 760,000.00 17,634.38 6,780.63 2,124.55 10,510.25 570.00 82,099.32 — 01-Feb-16 645,000.00 17,634.38 6,780.63 2,124.55 87,799.20 483.75 9,212.95 91,312.27 01-Rug-16 645,000.00 142,593.8 6,780.63 46,105.48 84,748.27 433.75 85,222.02 — 01-Feb-17 525,000.00 149,259.38 5,519.12 2,124.55 6,615.71 393.75 7,009.46 92,244.48 01-Rug-17 525,000.00 149,259.38 5,519.12 46,105.48 87,634.78 393.75 88,028.53 — 01-Feb-18 400,000.00 140,743,75 4,205.04 2,124.55 4,141.16 30.00.00 4,714.16 92,742.69 01-Rug-18 400,000.00 140,743,75 4,205.04 46,105.48 90,433.23 300.00 90,733.23 — 01-Feb-19 270,000.00 142,087.50 2,338.40 46,105.48 90,433.23 300.00 90,733.23 — 01-Feb-20 135,000.00 3,543.75 1,419.20 2,124.55 0,00 110.25 93,346.12 — 01-Rug-21 0.00 0.00 3,543.75 1,419.20 46,105.48 93,143.62 2022.50 93,346.12 — 01-Feb-22 135,000.00 3,543.75 1,419.20 46,105.48 91,190.77 101.25 91,203.2 — 01-Feb-23 135,000.00 3,543.75 1,419.20 46,105.48 91,190.77 101.25 91,203.2 — 01-Feb-24 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.								80,850.30	-
01-Feb-15 760,000.00 20,024.33 7,995.33 2,124.55 10,510.25 570.00 11,080.25 90,199.44 01-Aug-15 760,000.00 135,624.33 7,995.33 46,105.48 81,529.32 570.00 82,099.32 0-10-Feb-16 645,000.00 17,634.33 6,780.03 46,105.48 81,529.32 570.00 82,099.32 0-10-Feb-16 645,000.00 17,634.33 6,780.03 46,105.48 84,748.27 483.75 85,222.02 0-10-Aug-17 525,000.00 142,539.33 5,519.12 41,005.48 84,748.27 483.75 85,222.02 0-10-Aug-17 525,000.00 19,745,75 4,205.04 46,105.48 87,644.78 393.75 85,285.83 01-Feb-18 400,000.00 10,745,75 4,205.04 46,105.48 94,332.23 300.00 4,714.16 92,742.69 01-Aug-18 400,000.00 10,745,75 4,205.04 46,105.48 94,332.23 300.00 90,733.23 01-Feb-19 270,000.00 7,875.00 2,333.40 46,105.48 99,433.23 300.00 90,733.23 01-Feb-20 135,000.00 142,0875.00 2,333.40 46,105.48 99,143.62 202.50 2,327.05 93,46.12 01-Feb-20 135,000.00 3,543.75 1,419.20 2,124.55 0.00 101.25 101.25 91,720.32 01-Feb-21 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.			F.					13,100.12	93,950.42
01-Feb-16	•								-
01-Feb-16 645,000.00 17,634.38 6,780.63 2,124.55 8,729.20 483.75 9,212.95 91,312.70 01-Aug-16 645,000.00 137,634.38 6,780.63 46,105.48 84,748.27 483.75 85,232.02 — 01-Feb-17 525,000.00 139,2593.8 5,519.12 2,124.55 6,615.71 393.75 7,009.46 92,241.48 01-Aug-17 525,000.00 139,2593.8 5,519.12 2,124.55 4,414.16 300.00 4,174.16 92,742.69 01-Aug-18 400,000.00 140,743,75 4,205.04 46,105.48 87,634.78 393.75 7,009.46 92,241.48 01-Aug-18 400,000.00 140,743,75 4,205.04 46,105.48 93,332.23 300.00 90,733.23 — 01-Feb-19 270,000.00 7,087.50 2,838.40 46,105.48 93,438.52 202.50 2,327.05 93,060.28 01-Feb-20 135,000.00 3,543.75 1,419.20 2,124.55 0,00 101.25 0,000.00 1,043.73 1,419.20 46,105.48 91,019.07 101.25 91,102.32 — 01-Feb-20 135,000.00 3,543.75 1,419.20 46,105.48 91,019.07 101.25 91,102.32 — 01-Feb-21 0.00 000 0.00 0.00 0.00 0.00 0.00 0.0								11,080.25	90,199.44
01-Aug-16 645,000,00 137,634.38 6,780.63 46,105.48 84,748.27 483.75 85,232.02 — 01-Feb-17 525,000,00 14,259.38 5,519.12 2,124.55 6,615.71 393.75 7,009.46 92,241.48 01-Aug-17 525,000.00 139,259.38 5,519.12 4,105.48 87,634.78 393.75 88,023.53 01-Feb-18 400,000.00 10,743.75 4,205.04 46,105.48 87,634.78 393.75 88,023.53 01-Feb-19 270,000.00 7,087.50 2,838.40 46,105.48 90,433.23 300.00 90,733.23 — 01-Feb-19 270,000.00 142,087.50 2,838.40 46,105.48 90,433.23 300.00 90,733.23 — 01-Feb-19 270,000.00 142,087.50 2,838.40 46,105.48 93,438.62 202.50 93,346.12 — 01-Feb-20 135,000.00 138,543.75 1,419.20 2,124.55 0.00 101.25 101.25 93,447.37 01-Aug-20 135,000.00 138,543.75 1,419.20 4,105.48 91,019.07 101.25 101.25 93,447.37 01-Aug-20 135,000.00 138,543.75 1,419.20 4,105.48 91,019.07 101.25 91,720.32 — 01-Feb-21 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.								82,099.32	-
01-Feb-17						Constitution for the Constitution			91,312.27
01-Aug-17 575,000.00 139,259,38 5,519.12 46,105.48 87,634.78 393.75 88,028.53 — 01-Feb-18 400,000.00 10,743,75 4,205.04 2,124.55 4,414.16 300.00 4,714.16 92,742.69 01-Aug-18 400,000.00 7,087,50 2,838.40 2,124.55 2,124.55 202.50 2,337.05 93,060.28 01-Feb-19 270,000.00 142,087.50 2,838.40 46,105.48 93,143.62 202.50 2,337.05 93,060.28 01-Feb-20 135,000.00 3,543.75 1,419.20 46,105.48 93,143.62 202.50 93,346.12 — 01-Feb-21 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.								85,232.02	
01-Feb-18		and the second second						7,009.46	92,241.48
01-Aug-18								88,028.53	-
01-Feb-19							300.00	4,714.16	92,742.69
01-Aug-19								90,733.23	-
01-Feb-20								2,327.05	93,060.28
01-Aug-20 135,000.00 138,542,75 1,19.20 46,105.48 91,019.07 101.25 91,120.32 9-1,120.32 91,120.3								93,346.12	-
01-Feb-21         0.00         000         0.00         0.00         0.00         0.00         0.00         91,120.32           01-Aug-21         0.00         0.00         0.00         0.00         0.00         0.00         0.00         91,120.32           01-Feb-22         0.00         0.0									93,447.37
01-Aug-21									-
01-Feb-22					and the same of th		0.00	0.00	91,120.32
01-Aug-22							0.00	0.00	-
01-Feb-23						Contract of the Contract of th		0.00	0.00
01-Aug-23							0.00	0.00	-
01-Feb-24						0.00	0.00	0.00	0.00
01-Aug-24							0.00	0.00	-
01-Feb-25         0.00							0.00	0.00	0.00
01-Aug-25						0.00	0.00	0.00	_
01-Feb-26         0.00			30			0.00	0.00	0.00	0.00
01-Aug-26						0.00	0.00	0.00	_
01-Feb-27         0:00         0.00						0.00	0.00	0,00	0.00
01-Aug-27				0.00	0.00	0.00	0.00	0.00	-
01-Feb-30 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0				0.00	0.00	0.00	0.00	0.00	0.00
01-Rug-28 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.					0.00	0.00			
01-Aug-28 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.				0.00	0.00	0.00			
01-Feb-29 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.				0.00	0.00				
01-Aug-29 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.			0.00	0.00	0.00				
01-Feb-30         0.00				0.00					
01-Aug-30 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0			0.00	0.00					
01-Feb-31 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.			0.00	0.00					
01-Aug-31 0.00 0.00 0.00 0.00 0.00 0.00 -			0.00						
73 260 650 29	01-Aug-31	0.00	0.00	0.00					
			\$3,269,659.28	\$485,225.66					

Average Annual Net Debt Service: \$92,234.25

> Max: Min; Span: 93,950.42 90,199.44 3,750.98

rogram Bonds)

gram Bonds, Pool 10
White A 2nd
97-1154-1
Final Structuring Analysis

50.00% Grant Equivalency:

Schedule of Loan Repayments

Initial Loan Ol	oligation:	\$36,841.38		Loai	n Subsidy Am	ounts			
	Schedul	ed Loan Repay	ments	Equity	Contract Assistance		Net Loan	Repayment	•
Date	Principal	Interest	Total	Earnings	Payments	Total	Principal	Interest	Total
15-Nov-06	•			-			<u>r moipur</u>	merese	1000
01-Feb-07	\$0.00	\$515.87	\$515.87	\$208.57	\$307.30	\$515.87	\$0.00	\$0.00	\$0.00
01-Aug-07	\$2,051.71	\$892.85	\$2,944.56	\$360.99	\$531.86	\$892.85	\$2,051.71	\$0.00	\$2,051.71
01-Feb-08	\$0.00	\$841.56	\$841.56	\$340.89	\$500.67	\$841.56	\$0.00	\$0.00	\$0.00
01-Aug-08	\$2,051.77	\$841.56	\$2,893.33	\$340.89	\$500,67	\$841.56	\$2,051.77	\$0.00	\$2,051.77
01-Feb-09	\$0.00	\$810.78	\$810.78	\$320.78	\$490.00	\$810.78	\$0.00	\$0.00	\$0.00
01-Aug-09	\$2,051.77	\$810.78	\$2,862.55	\$320.78	\$490.00	\$810.78	\$2,051.77	\$0.00	\$2,051.77
01-Feb-10	\$0.00	\$759.49	\$759.49	\$300.68	\$458.81	\$759.49	\$0.00	\$0.00	\$0.00
01-Aug-10	\$2,051.77	\$759.49	\$2,811.26	\$300.68	\$458.81	\$759.49	\$2,051.77	\$0.00	\$2,051.77
01-Feb-11	\$0.00	\$708.19	\$708.19	\$280.57	\$427.62	\$708.19	\$0.00	\$0.00	\$0.00
01-Aug-11	\$2,051.77	\$708.19	\$2,759.96	\$280.57	\$427.62	\$708.19	\$2,051.77	\$0.00	\$2,051.77
01-Feb-12	\$0.00	\$677.42	\$677.42	\$260.47	\$416.95	\$677.42	\$0.00	\$0.00	\$0.00
01-Aug-12	\$2,051.77	\$677.42	\$2,729.19	\$260.47	\$416.95	\$677.42	\$2,051.77	\$0.00	\$2,051.77
01-Feb-13	\$0.00	\$626.12	\$626.12	\$240.37	\$385.76	\$626.13	\$0.00	\$0.00	\$0.00
01-Aug-13	\$2,051.77	\$626.12	\$2,677.89	\$240.37	\$385.76	\$626.13	\$2,051.77	\$0.00	\$2,051.77
01-Feb-14	\$0.00	\$572.26	\$572.26	\$220.26	\$352.00	\$572.26	\$0.00	\$0.00	\$0.00
01-Aug-14	\$2,051.77	\$572.26	\$2,624.03	\$220.26	\$352.00	\$572.26	\$2,051.77	\$0.00	\$2,051.77
01-Feb-15	\$0.00	\$518.40	\$518.40	\$200.16	\$318.25	\$518.41	\$0.00	\$0.00	\$0.00
01-Aug-15	\$2,059.20	\$518.40	\$2,577.60	\$200.16	\$318.25	\$518.41	\$2,059.20	\$0.00	\$2,059.20
01-Feb-16	\$0.00	\$464.35	\$464.35	\$179.98	\$284.37	\$464.35	\$0.00	\$0.00	\$0.00
01-Aug-16	\$2,059.20	\$464.35	\$2,523.55	\$179.98	\$284.37	\$464.35	\$2,059.20	\$0.00	\$2,059.20
01-Feb-17	\$0.00	\$410.30	\$410.30	\$159.80	\$250.49	\$410.29	\$0.00	\$0.00	\$0.00
01 ^ug-17	\$2,059.20	\$410.30	\$2,469.50	\$159.80	\$250.49	\$410.29	\$2,059.20	\$0.00	\$2,059.20
/ p-18	\$0.00	\$356.24	\$356.24	\$139.63	\$216.62	\$356.25	\$0.00	\$0.00	\$0.00
g-18	\$2,059.20	\$356.24	\$2,415.44	\$139.63	\$216.62	\$356.25	\$2,059.20	\$0.00	\$2,059.20
01-Feb-19	\$0.00	\$304.76	\$304.76	\$119.45	\$185.31	\$304.76	\$0.00	\$0.00	\$0.00
01-Aug-19	\$2,059.20	\$304.76	\$2,363.96	\$119.45	\$185.31	\$304.76	\$2,059.20	\$0.00	\$2,059.20
01-Feb-20	\$0.00	\$253.28	\$253.28	\$99.27	\$154.01	\$253.28	\$0.00	\$0.00	\$0.00
01-Aug-20	\$2,059.20	\$253.28	\$2,312.48	\$99.27	\$154.01	\$253.28	\$2,059.20	\$0.00	\$2,059.20
01-Feb-21	\$0.00	\$201.80	\$201.80	\$79.09	\$122.71	\$201.80	\$0.00	\$0.00	\$0.00
01-Aug-21	\$2,059.20	\$201.80	\$2,261.00	\$79.09	\$122.71	\$201.80	\$2,059.20	\$0.00	\$2,059.20
01-Feb-22	\$0.00	\$150.32	\$150.32	\$58.92	\$91.40	\$150.32	\$0.00	\$0.00	\$0.00
01-Aug-22	\$2,059.20	\$150,32	\$2,209.52	\$58.92	\$91.40	\$150.32	\$2,059.20	\$0.00	\$2,059.20
01-Feb-23	\$0.00	\$98.84	\$98.84	\$38.74	\$60.10	\$98.84	\$0.00	\$0.00	\$0.00
01-Aug-23	\$1,976.84	\$98.84	\$2,075.68	\$38.74	\$60,10	\$98.84	\$1,976.84	\$0.00	\$1,976.84
01-Feb-24	\$0.00	\$49.42	\$49.42	\$19.37	\$30.05	\$49.42	\$0.00	\$0.00	\$0.00
01-Aug-24	\$1,976.84	\$49.42	\$2,026.26	\$19.37	\$30.05	\$49.42	\$1,976.84	\$0.00	\$1,976.84
01-Feb-25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
01-Aug-25 01-Feb-26	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
01-Aug-26	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
01-Aug-20 01-Feb-27	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
01-Feb-27 01-Aug-27	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
01-Feb-28	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
01-Aug-28	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
01-Feb-29	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
01-Aug-29	\$0.00			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
01-Feb-30	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
01-Aug-30	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00
01-Feb-31	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00
01-Aug-31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
01-Feb-32	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
01-Aug-32	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00
01-Aug-32 01-Feb-33	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
01-Peb-33 01-Aug-33	\$0.00 \$0.00			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
01-Aug-33 01-Feb-34	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
01-Peb-34 01-Aug-34	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
01-Feb-35	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7 1-35	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00
, ,-00	\$36,841.38	\$17,015.78	\$53,857.16		\$10,329.40	\$0.00 \$17,015.82	\$0.00 \$36,841.38	\$0.00	\$0.00
	, , , , , , , , , ,	,u 10 u		ψ0,000.4Z	¥10,020.70	Ψ17 <sub>1</sub> 010.02	φου,0 <del>4</del> 1.30	\$0.00	\$36,841.38

# Massachusetts Clean Water Trust Series 22 Whitman Loan Amortization T5-97-1154-B

Loan Amount Approved	14,575.00	Loan Origination Fee (\$5.00/1000)	0.00
Principal Forgiveness	-	Loan Term (in years)	20
Amount to be Financed	14,575.00	Loan Rate	0.00%
		Closing Date	10/24/2019
		First Interest Payment	1/15/2020
		First Principal Payment	7/15/2020

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
10/24/2019							
1/15/2020							
7/15/2020	729.00		729.00			729.00	
1/15/2021							729.00
7/15/2021	729.00		729.00			729.00	
1/15/2022							729.00
7/15/2022	729.00		729.00			729.00	
1/15/2023							729.00
7/15/2023	729.00		729.00			729.00	
1/15/2024							729.00
7/15/2024	729.00		729.00			729.00	
1/15/2025							729.00
7/15/2025	729.00		729.00			729.00	
1/15/2026							729.00
7/15/2026	729.00		729.00			729.00	
1/15/2027							729.00
7/15/2027	729.00		729.00			729.00	
1/15/2028							729.00
7/15/2028	729.00		729.00			729.00	
1/15/2029							729.00
7/15/2029	729.00		729.00			729.00	
1/15/2030							729.00
7/15/2030	729.00		729.00			729.00	
1/15/2031							729.00
7/15/2031	729.00		729.00			729.00	
1/15/2032							729.00
7/15/2032	729.00		729.00			729.00	
1/15/2033							729.00
7/15/2033	729.00		729.00			729.00	
1/15/2034							729.00
7/15/2034	729.00		729.00			729.00	700.00
1/15/2035	700.00		700.00			700.00	729.00
7/15/2035	728.00		728.00			728.00	700.00
1/15/2036	700.00		700.00			700.00	728.00
7/15/2036	728.00		728.00			728.00	728.00
1/15/2037	728.00		728.00			728.00	726.00
7/15/2037 1/15/2038	726.00		728.00			726.00	728.00
7/15/2038	728.00		728.00			728.00	120.00
1/15/2039	720.00		120.00			720.00	728.00
7/15/2039	728.00		728.00			728.00	720.00
1/15/2040	720.00		728.00			720.00	728.00
	14,575.00		14,575.00			14,575.00	14,575.00
	. 1,07 0.00		,0. 0.00			,0.,0.00	,