

Massachusetts Clean Water Trust  
Series 19  
Merrimac Loan Amortization  
DW-12-14

Initial Loan Amount	860,000.00	Loan Origination Fee (\$5.50/1000)	4,730.00
Principal Forgiveness		Loan Term (in years)	20
Net Loan Obligation	860,000.00	Loan Rate	2.00%
		Closing Date	2/11/2016
		First Interest Payment	7/15/2016
		First Principal Payment	1/15/2017

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
2/11/2016							
7/15/2016		7,357.78	7,357.78	551.83	4,730.00	12,639.61	
1/15/2017	34,788.00	8,600.00	43,388.00	645.00		44,033.00	56,672.61
7/15/2017		8,252.12	8,252.12	618.91		8,871.03	
1/15/2018	35,544.00	8,252.12	43,796.12	618.91		44,415.03	53,286.06
7/15/2018		7,896.68	7,896.68	592.25		8,488.93	
1/15/2019	36,316.00	7,896.68	44,212.68	592.25		44,804.93	53,293.86
7/15/2019		7,533.52	7,533.52	565.01		8,098.53	
1/15/2020	37,106.00	7,533.52	44,639.52	565.01		45,204.53	53,303.07
7/15/2020		7,162.46	7,162.46	537.18		7,699.64	
1/15/2021	37,912.00	7,162.46	45,074.46	537.18		45,611.64	53,311.29
7/15/2021		6,783.34	6,783.34	508.75		7,292.09	
1/15/2022	38,736.00	6,783.34	45,519.34	508.75		46,028.09	53,320.18
7/15/2022		6,395.98	6,395.98	479.70		6,875.68	
1/15/2023	39,578.00	6,395.98	45,973.98	479.70		46,453.68	53,329.36
7/15/2023		6,000.20	6,000.20	450.02		6,450.22	
1/15/2024	40,438.00	6,000.20	46,438.20	450.02		46,888.22	53,338.43
7/15/2024		5,595.82	5,595.82	419.69		6,015.51	
1/15/2025	41,317.00	5,595.82	46,912.82	419.69		47,332.51	53,348.01
7/15/2025		5,182.65	5,182.65	388.70		5,571.35	
1/15/2026	42,215.00	5,182.65	47,397.65	388.70		47,786.35	53,357.70
7/15/2026		4,760.50	4,760.50	357.04		5,117.54	
1/15/2027	43,133.00	4,760.50	47,893.50	357.04		48,250.54	53,368.08
7/15/2027		4,329.17	4,329.17	324.69		4,653.86	
1/15/2028	44,070.00	4,329.17	48,399.17	324.69		48,723.86	53,377.72
7/15/2028		3,888.47	3,888.47	291.64		4,180.11	
1/15/2029	45,028.00	3,888.47	48,916.47	291.64		49,208.11	53,388.21
7/15/2029		3,438.19	3,438.19	257.86		3,696.05	
1/15/2030	46,006.00	3,438.19	49,444.19	257.86		49,702.05	53,398.11
7/15/2030		2,978.13	2,978.13	223.36		3,201.49	
1/15/2031	47,006.00	2,978.13	49,984.13	223.36		50,207.49	53,408.98
7/15/2031		2,508.07	2,508.07	188.11		2,696.18	
1/15/2032	48,028.00	2,508.07	50,536.07	188.11		50,724.18	53,420.35
7/15/2032		2,027.79	2,027.79	152.08		2,179.87	
1/15/2033	49,072.00	2,027.79	51,099.79	152.08		51,251.87	53,431.75
7/15/2033		1,537.07	1,537.07	115.28		1,652.35	
1/15/2034	50,138.00	1,537.07	51,675.07	115.28		51,790.35	53,442.70
7/15/2034		1,035.69	1,035.69	77.68		1,113.37	
1/15/2035	51,228.00	1,035.69	52,263.69	77.68		52,341.37	53,454.73
7/15/2035		523.41	523.41	39.26		562.67	
1/15/2036	52,341.00	523.41	52,864.41	39.26		52,903.67	53,466.33
7/15/2036							
	860,000.00	191,616.30	1,051,616.30	14,371.22	4,730.00	1,070,717.52	1,070,717.52

Massachusetts Water Pollution Abatement Trust  
 Water Pollution Abatement Revenue Bonds  
 Loan Program Bonds)

3  
 Title V Loans  
 MARRIMAC

97-1076

SCHEDULE C

Loan Structuring Analysis

Portion of Loan to be Transferred

Outstanding Par Amount of Pool 3 Loan [a]:	\$4,995,168.00
Unspent Proceeds [to be transferred] [b]:	\$200,000.00
Proration Factor [b]/{[a]*(1-[d]/[c])}:}	4.000000%

Original Par Amount of Pool 3 Loan [c]:	\$4,995,168.00
Original Net COI	(\$4,832.00)

Transfer Date: 29-Apr-1999

Loan Subsidy Amounts

29-Apr-1999	Scheduled Loan Repayments			Equity Earnings	Contract Assistance Payments		Total	Net Loan Repayments		
	Principal	Interest	Total		Assistance Payments	Total		Principal	Interest	Total
01-Aug-1999	\$0.00	\$2,708.40	\$2,708.40	\$1,379.84	\$1,328.56	\$2,708.40		(\$0.00)	\$0.00	(\$0.00)
01-Feb-2000	11,100.36	5,299.04	16,399.40	2,699.69	2,599.35	5,299.04	11,100.36	0.00	11,100.36	
01-Aug-2000	0.00	5,049.28	5,049.28	2,549.71	2,499.58	5,049.28	0.00	0.00	0.00	
01-Feb-2001	11,100.36	5,049.28	16,149.64	2,549.71	2,499.58	5,049.28	11,100.36	0.00	11,100.36	
01-Aug-2001	0.00	4,793.97	4,793.97	2,399.72	2,394.25	4,793.97	0.00	0.00	0.00	
01-Feb-2002	11,100.36	4,793.97	15,894.33	2,399.72	2,394.25	4,793.97	11,100.36	0.00	11,100.36	
01-Aug-2002	0.00	4,530.34	4,530.34	2,249.74	2,280.60	4,530.34	(0.00)	0.00	(0.00)	
01-Feb-2003	11,100.36	4,530.34	15,630.70	2,249.74	2,280.60	4,530.34	11,100.36	0.00	11,100.36	
01-Aug-2003	0.00	4,263.93	4,263.93	2,099.76	2,164.17	4,263.93	(0.00)	0.00	(0.00)	
01-Feb-2004	11,100.36	4,263.93	15,364.29	2,099.76	2,164.17	4,263.93	11,100.36	0.00	11,100.36	
01-Aug-2004	0.00	3,986.42	3,986.42	1,949.78	2,036.65	3,986.42	(0.00)	0.00	(0.00)	
01-Feb-2005	11,100.36	3,986.42	15,086.78	1,949.78	2,036.65	3,986.42	11,100.36	0.00	11,100.36	
01-Aug-2005	0.00	3,708.91	3,708.91	1,799.79	1,909.12	3,708.91	(0.00)	0.00	0.00	
01-Feb-2006	11,100.36	3,708.91	14,809.27	1,799.79	1,909.12	3,708.91	11,100.36	0.00	11,100.36	
01-Aug-2006	0.00	3,375.90	3,375.90	1,649.81	1,726.09	3,375.90	0.00	0.00	0.00	
01-Feb-2007	11,100.36	3,375.90	14,476.26	1,649.81	1,726.09	3,375.90	11,100.36	0.00	11,100.36	
01-Aug-2007	0.00	3,042.89	3,042.89	1,499.83	1,543.06	3,042.89	0.00	0.00	0.00	
01-Feb-2008	11,100.36	3,042.89	14,143.25	1,499.83	1,543.06	3,042.89	11,100.36	0.00	11,100.36	
01-Aug-2008	0.00	2,751.51	2,751.51	1,349.85	1,401.66	2,751.51	(0.00)	0.00	0.00	
01-Feb-2009	11,100.36	2,751.51	13,851.87	1,349.85	1,401.66	2,751.51	11,100.36	0.00	11,100.36	
01-Aug-2009	0.00	2,457.35	2,457.35	1,199.86	1,257.49	2,457.35	(0.00)	0.00	0.00	
01-Feb-2010	11,100.36	2,457.35	13,557.71	1,199.86	1,257.49	2,457.35	11,100.36	0.00	11,100.36	
01-Aug-2010	0.00	2,157.64	2,157.64	1,049.88	1,107.76	2,157.64	0.00	0.00	0.00	
01-Feb-2011	11,100.36	2,157.64	13,258.00	1,049.88	1,107.76	2,157.64	11,100.36	0.00	11,100.36	
01-Aug-2011	0.00	1,857.93	1,857.93	899.90	958.03	1,857.93	(0.00)	0.00	(0.00)	
01-Feb-2012	11,100.40	1,857.93	12,958.33	899.90	958.03	1,857.93	11,100.40	0.00	11,100.40	
01-Aug-2012	0.00	1,552.67	1,552.67	749.92	802.75	1,552.67	(0.00)	0.00	(0.00)	
01-Feb-2013	11,100.40	1,552.67	12,653.07	749.92	802.75	1,552.67	11,100.40	0.00	11,100.40	
01-Aug-2013	0.00	1,247.41	1,247.41	599.93	647.48	1,247.41	0.00	0.00	0.00	
01-Feb-2014	11,100.40	1,247.41	12,347.81	599.93	647.48	1,247.41	11,100.40	0.00	11,100.40	
01-Aug-2014	0.00	936.60	936.60	449.95	486.65	936.60	0.00	0.00	0.00	
01-Feb-2015	11,100.40	936.60	12,037.00	449.95	486.65	936.60	11,100.40	0.00	11,100.40	
01-Aug-2015	0.00	624.40	624.40	299.97	324.43	624.40	0.00	0.00	0.00	
01-Feb-2016	11,100.40	624.40	11,724.80	299.97	324.43	624.40	11,100.40	0.00	11,100.40	
01-Aug-2016	0.00	312.20	312.20	149.98	162.22	312.20	0.00	0.00	0.00	
01-Feb-2017	11,100.40	312.20	11,412.60	149.98	162.22	312.20	11,100.40	0.00	11,100.40	
01-Aug-2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
01-Feb-2018	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
01-Aug-2018	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
01-Feb-2019	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
01-Aug-2019	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
01-Feb-2020	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
01-Aug-2020	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	\$199,806.72	\$101,306.16	\$301,112.88	\$49,974.27	\$51,331.89	\$101,306.16	\$199,806.72	\$0.00	\$199,806.72	

\* Note: Interest, Equity Earnings and Contract Assistance Payments reflect partial first period.

1076

Massachusetts Water Pollution Abatement Trust  
 Water Pollution Abatement Revenue Bonds  
 (Pool Loan Program Bonds)  
 Series 5  
 Merrimac  
 98-14  
 Final Loan Structuring Analysis

AMENDED SCHEDULE C

G.E. 50.00%

Schedule of Loan Repayments

Initial Loan Obligation: 121,558.00

Date	Scheduled Loan Repayments			Loan Subsidy Amounts			Net Loan Repayment		
	Principal	Interest	Total	DSRF Earnings	Contract Assistance	Total	Principal	Interest	Total
	01-Feb-05	0.00	2,877.69	2,877.69	1,618.61	0.00	1,618.61	0.00	1,259.08
01-Aug-05	5,982.00	3,000.14	8,982.14	1,618.61	2,833.84	4,452.44	4,529.70	0.00	4,529.70
01-Feb-06	0.00	3,192.81	3,192.81	1,538.95	141.84	1,680.79	0.00	1,512.02	1,512.02
01-Aug-06	6,132.00	2,725.40	8,857.40	1,538.95	2,816.33	4,355.28	4,502.12	0.00	4,502.12
01-Feb-07	0.00	3,136.97	3,136.97	1,457.30	141.84	1,599.14	0.00	1,537.83	1,537.83
01-Aug-07	6,310.00	2,641.39	8,951.39	1,457.30	2,908.65	4,365.95	4,585.44	0.00	4,585.44
01-Feb-08	0.00	3,079.02	3,079.02	1,373.28	141.84	1,515.12	0.00	1,563.90	1,563.90
01-Aug-08	6,478.00	2,181.44	8,659.44	1,373.28	2,816.87	4,190.15	4,469.29	0.00	4,469.29
01-Feb-09	0.00	3,034.30	3,034.30	1,287.02	141.84	1,428.86	0.00	1,605.44	1,605.44
01-Aug-09	6,656.00	2,099.56	8,755.56	1,287.02	2,916.02	4,203.04	4,552.52	0.00	4,552.52
01-Feb-10	0.00	2,984.30	2,984.30	1,198.40	141.84	1,340.24	0.00	1,644.06	1,644.06
01-Aug-10	5,000.00	1,563.69	6,563.69	1,198.40	2,669.91	3,868.30	2,695.38	0.00	2,695.38
01-Feb-11	0.00	2,728.23	2,728.23	1,131.82	141.84	1,273.66	0.00	1,454.57	1,454.57
01-Aug-11	5,000.00	1,605.66	6,605.66	1,131.82	2,791.64	3,923.46	2,682.20	0.00	2,682.20
01-Feb-12	0.00	2,670.34	2,670.34	1,065.24	141.84	1,207.08	0.00	1,463.26	1,463.26
01-Aug-12	10,000.00	1,518.04	11,518.04	1,065.24	2,813.21	3,878.45	7,639.59	0.00	7,639.59
01-Feb-13	0.00	2,391.72	2,391.72	932.09	141.84	1,073.93	0.00	1,317.80	1,317.80
01-Aug-13	10,000.00	1,356.41	11,356.41	932.09	2,898.44	3,830.53	7,525.88	0.00	7,525.88
01-Feb-14	0.00	2,173.82	2,173.82	798.93	141.84	940.77	0.00	1,233.05	1,233.05
01-Aug-14	10,000.00	1,197.36	11,197.36	798.93	2,819.60	3,618.53	7,578.83	0.00	7,578.83
01-Feb-15	0.00	1,625.19	1,625.19	665.78	141.84	807.62	0.00	817.57	817.57
01-Aug-15	10,000.00	1,037.73	11,037.73	665.78	2,819.08	3,484.85	7,552.87	0.00	7,552.87
01-Feb-16	0.00	1,246.27	1,246.27	532.62	141.84	674.46	0.00	571.81	571.81
01-Aug-16	10,000.00	895.96	10,895.96	532.62	2,833.24	3,365.86	7,530.10	0.00	7,530.10
01-Feb-17	0.00	866.36	866.36	399.47	141.84	541.31	0.00	325.06	325.06
01-Aug-17	10,000.00	716.20	10,716.20	399.47	2,878.93	3,278.39	7,437.80	0.00	7,437.80
01-Feb-18	0.00	487.71	487.71	266.31	104.45	370.76	0.00	116.96	116.96
01-Aug-18	10,000.00	542.20	10,542.20	266.31	2,971.69	3,238.00	7,304.20	0.00	7,304.20
01-Feb-19	0.00	202.98	202.98	133.16	69.82	202.98	0.00	0.00	0.00
01-Aug-19	10,000.00	275.00	10,275.00	133.16	2,945.83	3,078.99	7,196.01	0.00	7,196.01
01-Feb-20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	\$121,558.00	\$56,053.87	\$177,611.87	\$28,797.92	\$44,609.61	\$73,407.53	\$87,781.94	\$16,422.40	\$104,204.35

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

Merrimac
98-14

Final Loan Structuring Analysis

Administrative Fee Schedule

Date	Principal Outstanding	Administrative Fee Payable @ 0.075000%
06-Oct-1999		
01-Feb-2000	149,856.00	71.81
01-Aug-2000	149,856.00	112.39
01-Feb-2001	144,385.00	108.29
01-Aug-2001	144,385.00	108.29
01-Feb-2002	138,824.00	104.12
01-Aug-2002	138,824.00	104.12
01-Feb-2003	133,172.00	99.88
01-Aug-2003	133,172.00	99.88
01-Feb-2004	127,420.00	95.57
01-Aug-2004	127,420.00	95.57
01-Feb-2005	121,558.00	91.17
01-Aug-2005	121,558.00	91.17
01-Feb-2006	115,576.00	86.68
01-Aug-2006	115,576.00	86.68
01-Feb-2007	109,444.00	82.08
01-Aug-2007	109,444.00	82.08
01-Feb-2008	103,134.00	77.35
01-Aug-2008	103,134.00	77.35
01-Feb-2009	96,656.00	72.49
01-Aug-2009	96,656.00	72.49
01-Feb-2010	90,000.00	67.50
01-Aug-2010	90,000.00	67.50
01-Feb-2011	85,000.00	63.75
01-Aug-2011	85,000.00	63.75
01-Feb-2012	80,000.00	60.00
01-Aug-2012	80,000.00	60.00
01-Feb-2013	70,000.00	52.50
01-Aug-2013	70,000.00	52.50
01-Feb-2014	60,000.00	45.00
01-Aug-2014	60,000.00	45.00
01-Feb-2015	50,000.00	37.50
01-Aug-2015	50,000.00	37.50
01-Feb-2016	40,000.00	30.00
01-Aug-2016	40,000.00	30.00
01-Feb-2017	30,000.00	22.50
01-Aug-2017	30,000.00	22.50
01-Feb-2018	20,000.00	15.00
01-Aug-2018	20,000.00	15.00
01-Feb-2019	10,000.00	7.50
01-Aug-2019	10,000.00	7.50
01-Feb-2020	0.00	0.00
01-Aug-2020	0.00	0.00
01-Feb-2021	0.00	0.00
01-Aug-2021	0.00	0.00
01-Feb-2022	0.00	0.00
01-Aug-2022	0.00	0.00
01-Feb-2023	0.00	0.00
01-Aug-2023	0.00	0.00
01-Feb-2024	0.00	0.00
01-Aug-2024	0.00	0.00
01-Feb-2025	0.00	0.00
01-Aug-2025	0.00	0.00
01-Feb-2026	0.00	0.00
01-Aug-2026	0.00	0.00
01-Feb-2027	0.00	0.00
01-Aug-2027	0.00	0.00
01-Feb-2028	0.00	0.00
01-Aug-2028	0.00	0.00
01-Feb-2029	0.00	0.00
01-Aug-2029	0.00	0.00
01-Feb-2030	0.00	0.00
01-Aug-2030	0.00	0.00
		<u>\$2,621.96</u>

Massachusetts Clean Water Trust  
Series 21  
Merrimac Loan Amortization  
DW-12-11

Loan Amount Approved	1,600,000.00	Loan Origination Fee (\$5.00/1000)	8,000.00
Principal Forgiveness	-	Loan Term (in years)	30
Amount to be Financed	1,600,000.00	Loan Rate	2.40%
		Closing Date	9/12/2018
		First Interest Payment	1/15/2019
		First Principal Payment	7/15/2019

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
9/12/2018							
1/15/2019		13,120.00	13,120.00	820.00	8,000.00	21,940.00	21,940.00
7/15/2019	35,965.00	19,200.00	55,165.00	1,200.00		56,365.00	
1/15/2020		18,768.42	18,768.42	1,173.03		19,941.45	76,306.45
7/15/2020	36,894.00	18,768.42	55,662.42	1,173.03		56,835.45	
1/15/2021		18,325.69	18,325.69	1,145.36		19,471.05	76,306.49
7/15/2021	37,847.00	18,325.69	56,172.69	1,145.36		57,318.05	
1/15/2022		17,871.53	17,871.53	1,116.97		18,988.50	76,306.55
7/15/2022	38,825.00	17,871.53	56,696.53	1,116.97		57,813.50	
1/15/2023		17,405.63	17,405.63	1,087.85		18,493.48	76,306.98
7/15/2023	39,827.00	17,405.63	57,232.63	1,087.85		58,320.48	
1/15/2024		16,927.70	16,927.70	1,057.98		17,985.69	76,306.17
7/15/2024	40,856.00	16,927.70	57,783.70	1,057.98		58,841.69	
1/15/2025		16,437.43	16,437.43	1,027.34		17,464.77	76,306.46
7/15/2025	41,911.00	16,437.43	58,348.43	1,027.34		59,375.77	
1/15/2026		15,934.50	15,934.50	995.91		16,930.41	76,306.18
7/15/2026	42,994.00	15,934.50	58,928.50	995.91		59,924.41	
1/15/2027		15,418.57	15,418.57	963.66		16,382.23	76,306.64
7/15/2027	44,105.00	15,418.57	59,523.57	963.66		60,487.23	
1/15/2028		14,889.31	14,889.31	930.58		15,819.89	76,307.13
7/15/2028	45,244.00	14,889.31	60,133.31	930.58		61,063.89	
1/15/2029		14,346.38	14,346.38	896.65		15,243.03	76,306.93
7/15/2029	46,412.00	14,346.38	60,758.38	896.65		61,655.03	
1/15/2030		13,789.44	13,789.44	861.84		14,651.28	76,306.31
7/15/2030	47,611.00	13,789.44	61,400.44	861.84		62,262.28	
1/15/2031		13,218.11	13,218.11	826.13		14,044.24	76,306.52
7/15/2031	48,841.00	13,218.11	62,059.11	826.13		62,885.24	
1/15/2032		12,632.02	12,632.02	789.50		13,421.52	76,306.76
7/15/2032	50,102.00	12,632.02	62,734.02	789.50		63,523.52	
1/15/2033		12,030.79	12,030.79	751.92		12,782.72	76,306.23
7/15/2033	51,396.00	12,030.79	63,426.79	751.92		64,178.72	
1/15/2034		11,414.04	11,414.04	713.38		12,127.42	76,306.13
7/15/2034	52,724.00	11,414.04	64,138.04	713.38		64,851.42	
1/15/2035		10,781.35	10,781.35	673.83		11,455.19	76,306.60
7/15/2035	54,086.00	10,781.35	64,867.35	673.83		65,541.19	
1/15/2036		10,132.32	10,132.32	633.27		10,765.59	76,306.78
7/15/2036	55,483.00	10,132.32	65,615.32	633.27		66,248.59	
1/15/2037		9,466.52	9,466.52	591.66		10,058.18	76,306.77
7/15/2037	56,916.00	9,466.52	66,382.52	591.66		66,974.18	
1/15/2038		8,783.53	8,783.53	548.97		9,332.50	76,306.68
7/15/2038	58,386.00	8,783.53	67,169.53	548.97		67,718.50	
1/15/2039		8,082.90	8,082.90	505.18		8,588.08	76,306.58
7/15/2039	59,894.00	8,082.90	67,976.90	505.18		68,482.08	
1/15/2040		7,364.17	7,364.17	460.26		7,824.43	76,306.51
7/15/2040	61,441.00	7,364.17	68,805.17	460.26		69,265.43	
1/15/2041		6,626.88	6,626.88	414.18		7,041.06	76,306.49
7/15/2041	63,028.00	6,626.88	69,654.88	414.18		70,069.06	
1/15/2042		5,870.54	5,870.54	366.91		6,237.45	76,306.51
7/15/2042	64,656.00	5,870.54	70,526.54	366.91		70,893.45	
1/15/2043		5,094.67	5,094.67	318.42		5,413.09	76,306.54
7/15/2043	66,326.00	5,094.67	71,420.67	318.42		71,739.09	
1/15/2044		4,298.76	4,298.76	268.67		4,567.43	76,306.52
7/15/2044	68,039.00	4,298.76	72,337.76	268.67		72,606.43	
1/15/2045		3,482.29	3,482.29	217.64		3,699.94	76,306.37
7/15/2045	69,797.00	3,482.29	73,279.29	217.64		73,496.94	
1/15/2046		2,644.73	2,644.73	165.30		2,810.02	76,306.96
7/15/2046	71,599.00	2,644.73	74,243.73	165.30		74,409.02	
1/15/2047		1,785.54	1,785.54	111.60		1,897.14	76,306.16
7/15/2047	73,449.00	1,785.54	75,234.54	111.60		75,346.14	
1/15/2048		904.15	904.15	56.51		960.66	76,306.80
7/15/2048	75,346.00	904.15	76,250.15	56.51		76,306.66	
	1,600,000.00	661,775.87	2,261,775.87	41,360.99	8,000.00	2,311,136.86	2,311,136.86