

Massachusetts Clean Water Trust
Pool 18-2016 Swap
FAIRHAVEN Reamortization
DWP-12-10

Original Loan Amount	884,553.00	Loan Origination Fee (\$7.5/1000)	0.00
Principal Forgiveness	94,707.00	Loan Term (in years)	18
Principal Paid Down	31,950.00	Loan Rate	2.00%
Outstanding Loan Obligation	757,896.00	Closing Date	12/16/2016
Remaining Balance	(48,729.56)	First Payment	1/15/2017
Net New Loan Obligation	709,166.44		

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
12/16/2016							
1/15/2017	30,545.10	7,500.45	38,045.55	562.53		38,608.08	
7/15/2017		6,786.21	6,786.21	508.97		7,295.18	
1/15/2018	31,209.48	6,786.21	37,995.69	508.97		38,504.66	45,799.84
7/15/2018		6,474.12	6,474.12	485.56		6,959.68	
1/15/2019	31,887.87	6,474.12	38,361.99	485.56		38,847.55	45,807.23
7/15/2019		6,155.24	6,155.24	461.64		6,616.88	
1/15/2020	32,581.25	6,155.24	38,736.49	461.64		39,198.13	45,815.02
7/15/2020		5,829.43	5,829.43	437.21		6,266.63	
1/15/2021	33,288.59	5,829.43	39,118.02	437.21		39,555.23	45,821.86
7/15/2021		5,496.54	5,496.54	412.24		5,908.78	
1/15/2022	34,011.88	5,496.54	39,508.42	412.24		39,920.66	45,829.45
7/15/2022		5,156.42	5,156.42	386.73		5,543.15	
1/15/2023	34,751.09	5,156.42	39,907.51	386.73		40,294.24	45,837.40
7/15/2023		4,808.91	4,808.91	360.67		5,169.58	
1/15/2024	35,507.19	4,808.91	40,316.10	360.67		40,676.77	45,846.35
7/15/2024		4,453.84	4,453.84	334.04		4,787.88	
1/15/2025	36,278.16	4,453.84	40,732.00	334.04		41,066.04	45,853.92
7/15/2025		4,091.06	4,091.06	306.83		4,397.89	
1/15/2026	37,066.98	4,091.06	41,158.04	306.83		41,464.87	45,862.76
7/15/2026		3,720.39	3,720.39	279.03		3,999.42	
1/15/2027	37,872.63	3,720.39	41,593.02	279.03		41,872.05	45,871.46
7/15/2027		3,341.66	3,341.66	250.62		3,592.29	
1/15/2028	38,696.07	3,341.66	42,037.73	250.62		42,288.36	45,880.64
7/15/2028		2,954.70	2,954.70	221.60		3,176.30	
1/15/2029	39,536.28	2,954.70	42,490.98	221.60		42,712.59	45,888.89
7/15/2029		2,559.34	2,559.34	191.95		2,751.29	
1/15/2030	40,396.24	2,559.34	42,955.58	191.95		43,147.53	45,898.82
7/15/2030		2,155.38	2,155.38	161.65		2,317.03	
1/15/2031	41,273.91	2,155.38	43,429.29	161.65		43,590.94	45,907.97
7/15/2031		1,742.64	1,742.64	130.70		1,873.33	
1/15/2032	42,171.27	1,742.64	43,913.91	130.70		44,044.61	45,917.94
7/15/2032		1,320.92	1,320.92	99.07		1,419.99	
1/15/2033	43,087.29	1,320.92	44,408.22	99.07		44,507.29	45,927.28
7/15/2033		890.05	890.05	66.75		956.81	
1/15/2034	44,023.95	890.05	44,914.00	66.75		44,980.75	45,937.56
7/15/2034		449.81	449.81	33.74		483.55	
1/15/2035	44,981.20	449.81	45,431.01	33.74		45,464.75	45,948.30
	709,166.44	144,273.78	853,440.22	10,820.53		864,260.75	825,652.67

Notes:

* Notwithstanding 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 Clean Water Trust
Series 18
Fairhaven Loan Amortization
DWP-12-10

Initial Loan Amount	884,553.00	Loan Origination Fee (\$5.50/1000)	4,344.15
Principal Forgiveness	(94,707.00)	Loan Term (in years)	20
Net Loan Obligation	789,846.00	Loan Rate	2.00%
		Closing Date	1/7/2015
		First Interest Payment	7/15/2015
		First Principal Payment	1/15/2016

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
1/7/2015							
7/15/2015		8,249.50	8,249.50	618.71	4,344.15	13,212.37	
1/15/2016	31,950.00	7,898.46	39,848.46	592.38		40,440.84	53,653.21
7/15/2016		7,578.96	7,578.96	568.42		8,147.38	
1/15/2017	32,644.00	7,578.96	40,222.96	568.42		40,791.38	48,938.76
7/15/2017		7,252.52	7,252.52	543.94		7,796.46	
1/15/2018	33,354.00	7,252.52	40,606.52	543.94		41,150.46	48,946.92
7/15/2018		6,918.98	6,918.98	518.92		7,437.90	
1/15/2019	34,079.00	6,918.98	40,997.98	518.92		41,516.90	48,954.81
7/15/2019		6,578.19	6,578.19	493.36		7,071.55	
1/15/2020	34,820.00	6,578.19	41,398.19	493.36		41,891.55	48,963.11
7/15/2020		6,229.99	6,229.99	467.25		6,697.24	
1/15/2021	35,576.00	6,229.99	41,805.99	467.25		42,273.24	48,970.48
7/15/2021		5,874.23	5,874.23	440.57		6,314.80	
1/15/2022	36,349.00	5,874.23	42,223.23	440.57		42,663.80	48,978.59
7/15/2022		5,510.74	5,510.74	413.31		5,924.05	
1/15/2023	37,139.00	5,510.74	42,649.74	413.31		43,063.05	48,987.09
7/15/2023		5,139.35	5,139.35	385.45		5,524.80	
1/15/2024	37,947.00	5,139.35	43,086.35	385.45		43,471.80	48,996.60
7/15/2024		4,759.88	4,759.88	356.99		5,116.87	
1/15/2025	38,771.00	4,759.88	43,530.88	356.99		43,887.87	49,004.74
7/15/2025		4,372.17	4,372.17	327.91		4,700.08	
1/15/2026	39,614.00	4,372.17	43,986.17	327.91		44,314.08	49,014.17
7/15/2026		3,976.03	3,976.03	298.20		4,274.23	
1/15/2027	40,475.00	3,976.03	44,451.03	298.20		44,749.23	49,023.46
7/15/2027		3,571.28	3,571.28	267.85		3,839.13	
1/15/2028	41,355.00	3,571.28	44,926.28	267.85		45,194.13	49,033.25
7/15/2028		3,157.73	3,157.73	236.83		3,394.56	
1/15/2029	42,253.00	3,157.73	45,410.73	236.83		45,647.56	49,042.12
7/15/2029		2,735.20	2,735.20	205.14		2,940.34	
1/15/2030	43,172.00	2,735.20	45,907.20	205.14		46,112.34	49,052.68
7/15/2030		2,303.48	2,303.48	172.76		2,476.24	
1/15/2031	44,110.00	2,303.48	46,413.48	172.76		46,586.24	49,062.48
7/15/2031		1,862.38	1,862.38	139.68		2,002.06	
1/15/2032	45,069.00	1,862.38	46,931.38	139.68		47,071.06	49,073.12
7/15/2032		1,411.69	1,411.69	105.88		1,517.57	
1/15/2033	46,048.00	1,411.69	47,459.69	105.88		47,565.57	49,083.13
7/15/2033		951.21	951.21	71.34		1,022.55	
1/15/2034	47,049.00	951.21	48,000.21	71.34		48,071.55	49,094.10
7/15/2034		480.72	480.72	36.05		516.77	
1/15/2035	48,072.00	480.72	48,552.72	36.05		48,588.77	49,105.55
7/15/2035							
	789,846.00	177,477.42	967,323.42	13,310.81	4,344.15	984,978.38	984,978.38

Notes:

**This project may qualify for principal forgiveness in accordance with schedule B to the Loan Agreement.

Massachusetts Water Pollution Abatement Trust
Series 17A
FAIRHAVEN Loan Amortization
CW-09-27

Initial Loan Amount	716,000.00	Loan Origination Fee (\$5.50/1000)	3,938.00
Principal Forgiveness	-	Loan Term (in years)	20
Net Loan Obligation	716,000.00	Loan Rate	2.00%
		Closing Date	5/22/2013
		First Interest Payment	7/15/2013
		First Principal Payment	1/15/2014

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
5/22/2013							
7/15/2013		2,108.22	2,108.22	158.12	3,938.00	6,204.34	
1/15/2014	28,963.00	7,160.00	36,123.00	537.00		36,660.00	42,864.34
7/15/2014		6,870.37	6,870.37	515.28		7,385.65	
1/15/2015	29,592.00	6,870.37	36,462.37	515.28		36,977.65	44,363.30
7/15/2015		6,574.45	6,574.45	493.08		7,067.53	
1/15/2016	30,236.00	6,574.45	36,810.45	493.08		37,303.53	44,371.07
7/15/2016		6,272.09	6,272.09	470.41		6,742.50	
1/15/2017	30,893.00	6,272.09	37,165.09	470.41		37,635.50	44,377.99
7/15/2017		5,963.16	5,963.16	447.24		6,410.40	
1/15/2018	31,564.00	5,963.16	37,527.16	447.24		37,974.40	44,384.79
7/15/2018		5,647.52	5,647.52	423.56		6,071.08	
1/15/2019	32,250.00	5,647.52	37,897.52	423.56		38,321.08	44,392.17
7/15/2019		5,325.02	5,325.02	399.38		5,724.40	
1/15/2020	32,951.00	5,325.02	38,276.02	399.38		38,675.40	44,399.79
7/15/2020		4,995.51	4,995.51	374.66		5,370.17	
1/15/2021	33,667.00	4,995.51	38,662.51	374.66		39,037.17	44,407.35
7/15/2021		4,658.84	4,658.84	349.41		5,008.25	
1/15/2022	34,399.00	4,658.84	39,057.84	349.41		39,407.25	44,415.51
7/15/2022		4,314.85	4,314.85	323.61		4,638.46	
1/15/2023	35,147.00	4,314.85	39,461.85	323.61		39,785.46	44,423.93
7/15/2023		3,963.38	3,963.38	297.25		4,260.63	
1/15/2024	35,910.00	3,963.38	39,873.38	297.25		40,170.63	44,431.27
7/15/2024		3,604.28	3,604.28	270.32		3,874.60	
1/15/2025	36,691.00	3,604.28	40,295.28	270.32		40,565.60	44,440.20
7/15/2025		3,237.37	3,237.37	242.80		3,480.17	
1/15/2026	37,488.00	3,237.37	40,725.37	242.80		40,968.17	44,448.35
7/15/2026		2,862.49	2,862.49	214.69		3,077.18	
1/15/2027	38,303.00	2,862.49	41,165.49	214.69		41,380.18	44,457.35
7/15/2027		2,479.46	2,479.46	185.96		2,665.42	
1/15/2028	39,135.00	2,479.46	41,614.46	185.96		41,800.42	44,465.84
7/15/2028		2,088.11	2,088.11	156.61		2,244.72	
1/15/2029	39,986.00	2,088.11	42,074.11	156.61		42,230.72	44,475.44
7/15/2029		1,688.25	1,688.25	126.62		1,814.87	
1/15/2030	40,855.00	1,688.25	42,543.25	126.62		42,669.87	44,484.74
7/15/2030		1,279.70	1,279.70	95.98		1,375.68	
1/15/2031	41,743.00	1,279.70	43,022.70	95.98		43,118.68	44,494.36
7/15/2031		862.27	862.27	64.67		926.94	
1/15/2032	42,650.00	862.27	43,512.27	64.67		43,576.94	44,503.88
7/15/2032		435.77	435.77	32.68		468.45	
1/15/2033	43,577.00	435.77	44,012.77	32.68		44,045.45	44,513.91
7/15/2033							
	716,000.00	155,514.00	871,514.00	11,663.55	3,938.00	887,115.55	887,115.55

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
Series 7
Fairhaven 2nd
97-1018-1
Final Structuring Analysis

SCHEDULE C

Schedule of Loan Repayments

Initial Loan Obligation:		120,900.52		Loan Subsidy Amounts						
Date	Scheduled Loan Repayments			Equity Earnings	Contract Assistance Payments		Total	Net Loan Repayments		
	Principal	Interest	Total		Assistance Payments	Total		Principal	Interest	Total
24-Jul-03										
2/1/2004	6,725.35	2,889.56	9,614.91	1,399.64	1,489.92	2,889.56		6,725.35	-	6,725.35
8/1/2004	-	2,778.59	2,778.59	1,321.78	1,456.81	2,778.59		-	-	-
2/1/2005	6,725.35	2,778.59	9,503.94	1,321.78	1,456.81	2,778.59		6,725.35	-	6,725.35
8/1/2005	-	2,660.90	2,660.90	1,243.92	1,416.98	2,660.90		-	-	-
2/1/2006	6,725.35	2,660.90	9,386.25	1,243.92	1,416.98	2,660.90		6,725.35	-	6,725.35
8/1/2006	-	2,526.39	2,526.39	1,166.06	1,360.33	2,526.39		-	-	-
2/1/2007	6,725.35	2,526.39	9,251.74	1,166.06	1,360.33	2,526.39		6,725.35	-	6,725.35
8/1/2007	-	2,391.88	2,391.88	1,088.20	1,303.68	2,391.88		-	-	-
2/1/2008	6,725.35	2,391.88	9,117.23	1,088.20	1,303.68	2,391.88		6,725.35	-	6,725.35
8/1/2008	-	2,257.38	2,257.38	1,010.35	1,247.03	2,257.38		-	-	-
2/1/2009	6,725.35	2,257.38	8,982.73	1,010.35	1,247.03	2,257.38		6,725.35	-	6,725.35
8/1/2009	-	2,080.84	2,080.84	932.49	1,148.35	2,080.84		-	-	-
2/1/2010	6,725.35	2,080.84	8,806.19	932.49	1,148.35	2,080.84		6,725.35	-	6,725.35
8/1/2010	-	1,904.30	1,904.30	854.63	1,049.67	1,904.30		-	-	-
2/1/2011	6,578.32	1,904.30	8,482.62	854.63	1,049.67	1,904.30		6,578.32	-	6,578.32
8/1/2011	-	1,739.84	1,739.84	778.48	961.36	1,739.84		-	-	-
2/1/2012	6,710.78	1,739.84	8,450.62	778.48	961.36	1,739.84		6,710.78	-	6,710.78
8/1/2012	-	1,563.68	1,563.68	700.79	862.89	1,563.68		-	-	-
2/1/2013	6,710.78	1,563.68	8,274.46	700.79	862.89	1,563.68		6,710.78	-	6,710.78
8/1/2013	-	1,387.52	1,387.52	623.10	764.42	1,387.52		-	-	-
2/1/2014	6,710.78	1,387.52	8,098.30	623.10	764.42	1,387.52		6,710.78	-	6,710.78
8/1/2014	-	1,211.36	1,211.36	545.41	665.95	1,211.36		-	-	-
2/1/2015	6,710.78	1,211.36	7,922.14	545.41	665.95	1,211.36		6,710.78	-	6,710.78
8/1/2015	-	1,035.21	1,035.21	467.72	567.49	1,035.21		-	-	-
2/1/2016	6,710.78	1,035.21	7,745.99	467.72	567.49	1,035.21		6,710.78	-	6,710.78
8/1/2016	-	859.05	859.05	390.03	469.02	859.05		-	-	-
2/1/2017	6,710.78	859.05	7,569.83	390.03	469.02	859.05		6,710.78	-	6,710.78
8/1/2017	-	682.89	682.89	312.34	370.55	682.89		-	-	-
2/1/2018	6,710.78	682.89	7,393.67	312.34	370.55	682.89		6,710.78	-	6,710.78
8/1/2018	-	506.73	506.73	234.65	272.08	506.73		-	-	-
2/1/2019	6,710.78	506.73	7,217.51	234.65	272.08	506.73		6,710.78	-	6,710.78
8/1/2019	-	338.96	338.96	156.96	182.00	338.96		-	-	-
2/1/2020	6,710.78	338.96	7,049.74	156.96	182.00	338.96		6,710.78	-	6,710.78
8/1/2020	-	171.19	171.19	79.27	91.92	171.19		-	-	-
2/1/2021	6,847.73	171.19	7,018.92	79.27	91.92	171.19		6,847.73	-	6,847.73
8/1/2021	-	-	-	-	-	-		-	-	-
2/1/2022	-	-	-	-	-	-		-	-	-
8/1/2022	-	-	-	-	-	-		-	-	-
	120,900.52	55,082.98	175,983.50	25,212.00	29,870.98	55,082.98		120,900.52	-	120,900.52