

DW 10-090 Exhibit 8

Pittsfield Aqueduct Company, Inc.

Rate Design For Draft Settlement

Ву

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Pittsfield Aqueduct Company, Inc. Rate Design for Draft Settlement April 15, 2011

The attached schedules set forth the development of a rate design to accord with the Draft Settlement. The permanent revenue level is \$713,242. An additional revenue amount of \$19,339 is related to the step increase. Hence, the combined revenue level is \$732,581.

Schedule PA sets forth the allocation of the permanent revenue requirement. As noted thereon, it is based on Schedule P11 of the April 2010 study.

Permanent rate design is set forth on Schedule P14. Note on Page 2 of Schedule P14 that no A&G or Management Fee Costs are added to the customer costs. In addition, the increase in customer charges is limited to the overall revenue increase of 17.45%.

Permanent revenues are calculated on Schedule P15. As shown on Page 3 of Schedule P15, the rate design is within 0.005% of the revenue requirement; this difference is negligible.

Schedule A. Step sets forth the allocation of the revenue for the step increase.

Rate design for the step increase is set forth on schedule P14.Step.

The combined revenues (that is, those reflecting both the permanent and the step increases) are set forth on Schedule P15.Step. As shown on Page 3 of Schedule P15.Step, the rate design is within 0.003% of the revenue requirement, this difference is negligible.

Finally, a series of schedules illustrating the effect of the step increase is attached hereto. Schedule SE,1 sets forth the difference between the combined rate elements (that is, those designed to generate the step revenue requirement) and the permanent rate elements. This difference is then applied to the billing parameters on schedule SE.2. As shown on Page 3 of Schedule SE.2, the movement from the permanent rate increase to the step rate increase generates an additional \$19,328 of revenue.

Pittsfield Aqueduct Company, Inc.

Rate Design

For

Permanent Rates

Pittsfield Aqueduct Company, Inc. Pittsfield Division Revenue Requirement - Revised April 15, 2011

	As-Filed Amount	<u>%</u>	New Revenue <u>Reg'm'nt</u>
Volume Costs	\$340,104	46.69%	\$ 333,013
Customer Costs	206,242	28.31%	201,919
Direct Fire Costs - Private	24,433	3.35%	23,893
Direct Fire Costs - Municipal	157,682	21.65%	154,417
Net Revenue Requirement	\$728,461	100.00%	\$713,242

Notes: 1) As-Filed Amount and % from Sch P11,

Page1 of 1.

2) % applied to New Revenue Req'm'nt to obtain cost breakdown.

Pittsfield Aqueduct Company, Inc. Pittsfield Division Rate Design - Revised April 15, 2011

Municipal Fire Protection

Allocated Costs

\$ 154,417

Present Revenue

\$ 121,294.46

Present revenue is less than the cost of service indications. An increase of about 27% will be developed for municipal fire protection.

Rate Element	Present Monthly <u>Rate</u>		Developed Monthly <u>Rate</u>	% Increase	
Hydrant Inch-Foot	\$ 66.63 0.14040	\$	84.83 0.17874	27.32 27.31	% %

Private Fire Protection

Allocated Costs

\$ 23,893

Present Revenue

\$ 21,188.28

Present revenue is less than the cost of service indications.

An increase of about 13% will be developed for private fire protection.

<u>Size</u>	Present Monthly <u>Size</u> <u>Rate</u>		Developed Monthly <u>Rate</u>	% Increase	
4"	\$	53.63	\$ 60.48	12.77	%
6"		153.91	173.56	12.77	%
8"		326.87	368.60	12.77	%

Pittsfield Aqueduct Company, Inc. Pittsfield Division Rate Design - Revised April 15, 2011

GWS Customer Charges (Minimum Charges)

Allocated Customer Costs	\$ 201,919	
Add 50% of A&G O&M Volume Cost Add 50% of Management Fee Volume Cost	0 0	
Trotal for Customer Charge	\$ 201,919	
Present Revenue - Cust Chgs Less Five 5/8" meters (60 Bills) (Deduct 5 meters per Draft Settlement)	\$ 168,562.80 <u>1,120.20</u>	
Net Present Revenue - Cust Chgs	\$ 167,442.60	
Increase Required	\$ 34,476.40	
	20.45	%
But Limit is 17.45 % per Draft Settlement Therefore, increase is	17.45	%

Rate Element	Present Monthly <u>Rate</u>	Developed Monthly <u>Rate</u>	% Increase	
5/8"	\$ 18.67	\$ 21.91	17.35	%
3/4"	26.56	31.19	17.43	%
1"	40.10	47.10	17.46	%
1 1/2"	72.37	85.00	17.45	%
2"	111.95	131.49	17.45	%
3"	207.99	244.28	17.45	%
4"	340.84	400.32	17.45	%
6"	679.86	798.50	17.45	%
8"	1,130.75	1,328.07	17.45	%

%

<u>Increase</u>

18.65 %

Rate

5.79

Rate

\$

4.88 \$

Pittsfield Aqueduct Company, Inc. Pittsfield Division Rate Design - Revised April 15, 2011

GWS Volumetric Rate

Pro Forma Net Revenue Requirement	\$ 713,242.00	
Revenue from Developed Rates Municipal Fire Protection Private Fire Protection Customer Charges (Minimum Charges)	154,420.99 23,893.44 196,534.80	
Remaining from Volumetric Rate	\$ 338,392.77	
Annual Volume in 100 cu. ft.	58,450	
Designed Rate per 100 cu. ft.	\$ 5.79	
	Present	Developed

Rate Element

Per 100 cu. ft.

Pittsfield Aqueduct Company, Inc. Pittsfield Division Calculation of Revenues Under Developed Rates - April 15, 2011

General Water Service

Residential:					
Meter	Number	Number	De	veloped	Developed
Size	of Meters	of Bills	Rate		Revenue
'5/8" *	534	6,408	\$	21.91	\$ 140,399.28
3/4"	1	12		31.19	374.28
1"	8	96		47.10	4,521.60
1 1/2"	6	72		85.00	6,120.00
2"	1	12		131.49	1,577.88
3"	0	0		244.28	0.00
4"	0	0		400.32	0.00
Total	550	6,600			\$ 152,993.04
	CCFT				
Volume:	46,619		\$	5.79	\$ 269,924.01

^{*} Five 5/8" Meters (60 Bills) removed per Draft Settlement

Commercia					
Meter	Number	Number	Developed		Developed
<u>Size</u>	of Meters	of Bills	<u>Rate</u>		Revenue
5/8"	54	648	\$ 21.91	\$	14,197.68
3/4"	0	0	31.19		0.00
1"	6	72	47.10		3,391.20
1 1/2"	5	60	85.00		5,100.00
2"	6	72	131.49		9,467.28
3"	0	0	244.28		0.00
4"	0	0	400.32		0.00
				_	
Total	71	852		\$	32,156.16
	CCFT				
Volume:	10,185		\$ 5.79	\$	58,971.15
volunic.	10,100		Ψ 5.15	Ψ	30,571.10
<u>Industrial</u>					
<u>Industrial</u> Meter	Number	Number	Developed		Developed
	Number of Meters	Number of Bills	Developed Rate		Developed <u>Revenue</u>
Meter			,	\$	•
Meter <u>Size</u>	of Meters	of Bills	Rate	\$	Revenue
Meter <u>Size</u> 5/8"	of Meters 3	of Bills 36	<u>Rate</u> \$ 21.91	\$	Revenue 788.76
Meter <u>Size</u> 5/8" 3/4"	of Meters 3 0	of Bills 36 0	Rate \$ 21.91 31.19	\$	Revenue 788.76 0.00
Meter <u>Size</u> 5/8" 3/4" 1"	of Meters 3 0 0	of Bills 36 0 0	Rate \$ 21.91 31.19 47.10	\$	Revenue 788.76 0.00 0.00
Meter <u>Size</u> 5/8" 3/4" 1" 1 1/2"	of Meters 3 0 0 0	of Bills 36 0 0 0	Rate \$ 21.91 31.19 47.10 85.00	\$	Revenue 788.76 0.00 0.00 0.00
Meter <u>Size</u> 5/8" 3/4" 1" 1 1/2" 2"	of Meters 3 0 0 0 0	of Bills 36 0 0 0 36	Rate \$ 21.91 31.19 47.10 85.00 131.49	\$	Revenue 788.76 0.00 0.00 0.00 4,733.64
Meter <u>Size</u> 5/8" 3/4" 1" 1 1/2" 2" 3" 4"	of Meters 3 0 0 0 3 0 0 0	of Bills 36 0 0 36 0 0 0 36 0	Rate \$ 21.91 31.19 47.10 85.00 131.49 244.28	•	Revenue 788.76 0.00 0.00 0.00 4,733.64 0.00 0.00
Meter <u>Size</u> 5/8" 3/4" 1" 1 1/2" 2" 3"	of Meters 3 0 0 0 3 0 0	of Bills 36 0 0 0 36 0	Rate \$ 21.91 31.19 47.10 85.00 131.49 244.28	\$	Revenue 788.76 0.00 0.00 0.00 4,733.64 0.00
Meter <u>Size</u> 5/8" 3/4" 1" 1 1/2" 2" 3" 4"	of Meters 3 0 0 0 3 0 0 6	of Bills 36 0 0 36 0 0 0 36 0	Rate \$ 21.91 31.19 47.10 85.00 131.49 244.28	•	Revenue 788.76 0.00 0.00 0.00 4,733.64 0.00 0.00
Meter <u>Size</u> 5/8" 3/4" 1" 1 1/2" 2" 3" 4"	of Meters 3 0 0 0 3 0 0 0	of Bills 36 0 0 36 0 0 0 36 0	Rate \$ 21.91 31.19 47.10 85.00 131.49 244.28	•	Revenue 788.76 0.00 0.00 0.00 4,733.64 0.00 0.00

Pittsfield Aqueduct Company, Inc. Pittsfield Division Calculation of Revenues Under Developed Rates - April 15, 2011

General Water Service - Continued

Municipal Meter Size 5/8"	Number of Meters 3	Number of Bills 36	De \$	veloped Rate 21.91	\$	Developed Revenue 788.76
3/4"	0	0	Ψ	31.19	φ	0.00
3/4 1"	-	12		47.10		565.20
-	1	****				
1 1/2"	0	0		85.00		0.00
2"	1	12		131.49		1,577.88
3"	1	12		244.28		2,931.36
4"	0	0		400.32		0.00
Total	6	72			\$	5,863.20
Volume:	<u>CCFT</u> 1,145		\$	5.79	\$	6,629.55
Grand Tota	I GWS Reven	ue			\$	534,960.30

Fire Protection Service

<u>Protection</u>				
	Number	Developed		Developed
Number	of Bills	<u>Rate</u>		Revenue
1	12	\$ 60.48		725.76
9	108	173.56		18,744.48
1	12	368.60		4,423.20
11	132		\$	23,893.44
	<u>Number</u> 1 9 1	Number of Bills 1 12 9 108 1 12	Number Developed Number of Bills Rate 1 12 \$ 60.48 9 108 173.56 1 12 368.60	Number Developed Number of Bills Rate 1 12 \$ 60.48 9 108 173.56 1 12 368.60

Municipal Fire Protection

			De	veloped	Developed
Size	Number	of Bills		Rate	Revenue
Hydrant	65	780	\$	84.83	\$ 66,167.40
Inch-Feet	493,754		0	.17874	88,253.59
Grand Total Munipical Fire Revenue			\$ 154,420.99		

Pittsfield Aqueduct Company, Inc. Pittsfield Division Summary of Revenues Under Developed Rates - Revised April 15, 2011

Description		Amount	<u>%</u>
GWS Volume Revenue GWS Customer Charge Revenue	\$ \$	338,425.50 196,534.80	47.45% 27.55%
Grand Total GWS Revenue	\$	534,960.30	75.00%
Grand Total Private Fire Revenue	\$	23,893.44	3.35%
Grand Total Munipical Fire Revenue	\$	154,420.99	21.65%
Grand Total Revenue under Developed Rates	\$	713,274.73	100.00%
Net Revenue Requirement		713,242.00	
Difference	\$	32.73	
		0.005% Negligible	

Pittsfield Aqueduct Company, Inc.

Rate Design

For

Step Rate Increase

Pittsfield Aqueduct Company, Inc. Allocation of Combined Rate Revenue Combined Permanent and Step Increase - Revised April 15, 2011

<u>Description</u>	Develop <u>Permanent</u> Amount	Combined Revenue Requirement		
Description	Millount	<u>%</u>		
GWS Volume Revenue	\$ 338,425.50	47.45%	\$ 347,610	
GWS Customer Charge Revenue	196,534.80	27.55%	201,826	
Grand Total GWS Revenue	534,960.30	75.00%	549,436	
Grand Total Private Fire Revenue	23,893.44	3.35%	24,541	
Grand Total Munipical Fire Revenue	154,420.99	21.65%	158,604	
Grand Total Revenue under Developed Rates	\$ 713,274.73	100.00%	\$ 732,581	
Net Revenue Requirement	\$ 713,242.00			
Difference	\$ 32.73			
	0.005% Negligible			

Pittsfield Aqueduct Company, Inc. Pittsfield Division Rate Design - Combined Rate Increase - Revised April 15, 2011

Municipal Fire Protection

Allocated Costs

\$ 158,604

Developed Permanent Revenue

\$ 154,420.99

Permanent revenue is less than the allocated costs.

An increase of about 2.7% will be developed for municipal fire protection.

Rate Element	Permanent Monthly <u>Rate</u>		Combined Monthly <u>Rate</u>	% Increase	
Hydrant Inch-Foot	\$	84.83 0.17874	\$ 87.13 0.18358	2.71 2.71	

Private Fire Protection

Allocated Costs

24,541

Present Revenue

\$ 23,893.44

Permanent revenue is less than the allocated costs.

An increase of about 2.7% will be developed for private fire protection.

<u>Size</u>	Permanent Monthly <u>Rate</u>		Combined Monthly <u>Rate</u>	% Increase	
4"	\$ 60.48	\$	62.12	2.71	%
6"	173.56		178.26	2.71	%
8"	368.60		378.59	2.71	%

Pittsfield Aqueduct Company, Inc. Pittsfield Division Rate Design - Combined Rate Increase - Revised April 15, 2011

GWS Customer Charges (Minimum Charges)

Allocated Customer Costs	\$ 201,826	
Add 50% of A&G O&M Volume Cost Add 50% of Management Fee Volume Cost	0 0	
Trotal for Customer Charge	\$ 201,826	
Dev. Perm. Revenue - Cust Chgs	\$ 196,534.80	
Increase Required	\$ 5,291.20	
	2.69	%

Rate Element	 rmanent Ionthly <u>Rate</u>	Combined Monthly <u>Rate</u>	% Increase	
5/8"	\$ 21.91	\$ 22.48	2.60	%
3/4"	31.19	32.02	2.66	%
1"	47.10	48.36	2.68	%
1 1/2"	85.00	87.28	2.68	%
2"	131.49	135.02	2.68	%
3"	244.28	250.84	2.69	%
4"	400.32	411.08	2.69	%
6"	798.50	819.97	2.69	%
8"	1.328.07	1,363,79	2.69	%

Pittsfield Aqueduct Company, Inc. Pittsfield Division Rate Design - Combined Rate Increase - Revised April 15, 2011

GWS Volumetric Rate

Pro Forma Net Revenue Requirement	\$ 732,581.00	
Revenue from Developed Rates		
Municipal Fire Protection	158,604.76	
Private Fire Protection	24,540.60	
Customer Charges (Minimum Charges)	201,680.16	
Remaining from Volumetric Rate	\$ 347,755.48	
Annual Volume in 100 cu. ft.	58,450	
Designed Rate per 100 cu. ft.	\$ 5.95	

Rate Element	Permanent <u>Rate</u>		C	Combined <u>Rate</u>	% Increase	
Per 100 cu. ft.	\$	5.79	\$	5.95	2.76	%

Pittsfield Aqueduct Company, Inc. Combined Permanent and Step Increase Calculation of Revenues Under Combined Rates - April 15, 2011

General Water Service

Residential:					
Meter	Number	Number	De	veloped	Developed
<u>Size</u>	of Meters	of Bills		Rate	Revenue
'5/8" *	534	6,408	\$	22.48	\$ 144,051.84
3/4"	1	12		32.02	384.24
1"	8	96		48.36	4,642.56
1 1/2"	6	72		87.28	6,284.16
2"	1	12		135.02	1,620.24
3"	0	0		250.84	0.00
4"	0	0		411.08	0.00
Total	550	6,600			\$ 156,983.04
Volume:	CCFT 46,619		\$	5.95	\$ 277,383.05

^{*} Five 5/8" Meters (60 Bills) removed per Draft Settlement

Commercia	<u> </u>				
Meter	Number	Number	Developed		Developed
Size	of Meters	of Bills	Rate		Revenue
5/8"	54	648	\$ 22.48	\$	14,567.04
3/4"	0	0	32.02		0.00
1"	6	72	48.36		3,481.92
1 1/2"	5	60	87.28		5,236.80
2"	6	72	135.02		9,721.44
3"	0	0	250.84		0.00
4"	0	0	411.08		0.00
Total	71	852		\$	33,007.20
	CCFT				
Volume:	10,185		\$ 5.95	\$	60,600.75
Industrial					
Industrial Motor	Mumhor	Mumbor	Dougland		Dovoloped
Meter	Number of Metors	Number	Developed		Developed
Meter <u>Size</u>	of Meters	of Bills	Rate	œ	Revenue
Meter <u>Size</u> 5/8"	of Meters 3	of Bills 36	Rate \$ 22.48	\$	Revenue 809.28
Meter <u>Size</u> 5/8" 3/4"	of Meters 3 0	of Bills 36 0	Rate \$ 22.48 32.02	\$	Revenue 809.28 0.00
Meter <u>Size</u> 5/8" 3/4" 1"	of Meters 3 0 0	of Bills 36 0 0	Rate \$ 22.48 32.02 48.36	\$	Revenue 809.28 0.00 0.00
Meter <u>Size</u> 5/8" 3/4" 1" 1 1/2"	of Meters 3 0 0 0	of Bills 36 0 0	Rate \$ 22.48 32.02 48.36 87.28	\$	Revenue 809.28 0.00 0.00 0.00
Meter <u>Size</u> 5/8" 3/4" 1" 1 1/2" 2"	of Meters 3 0 0 0 0 3	of Bills 36 0 0 0 36	Rate \$ 22.48 32.02 48.36 87.28 135.02	\$	Revenue 809.28 0.00 0.00 0.00 4,860.72
Meter <u>Size</u> 5/8" 3/4" 1" 1 1/2" 2" 3"	of Meters 3 0 0 0 3 0 0	of Bills 36 0 0 0 36 0	Rate \$ 22.48 32.02 48.36 87.28 135.02 250.84	\$	Revenue 809.28 0.00 0.00 0.00 4,860.72 0.00
Meter <u>Size</u> 5/8" 3/4" 1" 1 1/2" 2"	of Meters 3 0 0 0 0 3	of Bills 36 0 0 0 36	Rate \$ 22.48 32.02 48.36 87.28 135.02	\$	Revenue 809.28 0.00 0.00 0.00 4,860.72
Meter <u>Size</u> 5/8" 3/4" 1" 1 1/2" 2" 3" 4"	of Meters 3 0 0 3 3 0 0 0 0 0	of Bills 36 0 0 36 0 0	Rate \$ 22.48 32.02 48.36 87.28 135.02 250.84	•	Revenue 809.28 0.00 0.00 0.00 4,860.72 0.00 0.00
Meter <u>Size</u> 5/8" 3/4" 1" 1 1/2" 2" 3"	of Meters 3 0 0 0 3 0 0	of Bills 36 0 0 0 36 0	Rate \$ 22.48 32.02 48.36 87.28 135.02 250.84	\$	Revenue 809.28 0.00 0.00 0.00 4,860.72 0.00
Meter <u>Size</u> 5/8" 3/4" 1" 1 1/2" 2" 3" 4"	of Meters 3 0 0 3 0 3 0 0 6	of Bills 36 0 0 36 0 0	Rate \$ 22.48 32.02 48.36 87.28 135.02 250.84	•	Revenue 809.28 0.00 0.00 0.00 4,860.72 0.00 0.00
Meter <u>Size</u> 5/8" 3/4" 1" 1 1/2" 2" 3" 4"	of Meters 3 0 0 3 3 0 0 0 0 0	of Bills 36 0 0 36 0 0	Rate \$ 22.48 32.02 48.36 87.28 135.02 250.84	•	Revenue 809.28 0.00 0.00 0.00 4,860.72 0.00 0.00

Pittsfield Aqueduct Company, Inc. Combined Permanent and Step Increase Calculation of Revenues Under Combined Rates - April 15, 2011

General Water Service - Continued

Municipal						
Meter	Number	Number	De	veloped		Developed
<u>Size</u>	of Meters	of Bills		Rate		Revenue
5/8"	3	36	\$	22.48	\$	809.28
3/4"	0	0		32.02		0.00
1"	1	12		48.36		580.32
1 1/2"	0	0		87.28		0.00
2"	1	12		135.02		1,620.24
3"	1	12		250.84		3,010.08
4"	0	0		411.08		00,0
Total	6	72			\$	6,019.92
Volume:	CCFT 1,145		\$	5.95	\$	6,812.75
V 0.0.110.	1,140		Ψ	0.00	Ψ	0,012.10
Grand Tota	I GWS Revenu	1e			\$	549,457.66

Fire Protection Service

Private Fire	Protection			
		Number	Developed	Developed
<u>Size</u>	<u>Number</u>	of Bills	Rate	Revenue
4"	1	12	\$ 62.12	745.44
6"	9	108	178.26	19,252.08
8"	1	12	378,59	4,543.08
Total	11	132		\$ 24,540.60

Municipal Fire Protection

			De	veloped	Developed
Size	<u>Number</u>	of Bills		Rate	Revenue
Hydrant	65	780	\$	87.13	\$ 67,961.40
Inch-Feet	493,754		C	.18358	90,643.36
Grand Total	Munipical Fir	e Revenue			\$ 158,604,76

Pittsfield Aqueduct Company, Inc. Pittsfield Division Summary of Revenues Under Combined Rates - Revised April 15, 2011

<u>Description</u>		Amount	<u>%</u>
GWS Volume Revenue GWS Customer Charge Revenue	\$ \$	347,777.50 201,680.16	47.47% 27.53%
Grand Total GWS Revenue	\$	549,457.66	75.00%
Grand Total Private Fire Revenue	\$	24,540.60	3.35%
Grand Total Munipical Fire Revenue	\$	158,604.76	21.65%
Grand Total Revenue under Combined Rates	\$	732,603.02	100.00%
Net Revenue Requirement		732,581.00	
Difference	\$	22.02	
		0.003% Negligible	

Pittsfield Aqueduct Company, Inc.

Schedules Illustrating Effect of Step Increase

Pittsfield Aqueduct Company, Inc. Effect of Step Rate Increase - Revised April 15, 2011

General Water Service

Customer Charge Meter Size	ermanent Monthly <u>Rate</u>	Combined Monthly <u>Rate</u>	Effect of Step Increase
5/8"	\$ 21.91	\$ 22.48	\$ 0.57
3/4"	31.19	32.02	0.83
1"	47.10	48.36	1.26
1 1/2"	85.00	87.28	2.28
2"	131.49	135.02	3.53
3"	244.28	250.84	6.56
4"	400.32	411.08	10.76
6"	798.50	819.97	21.47
8"	1,328.07	1,363.79	35.72
Volumetric Rate	\$ 5.79	\$ 5.95	\$ 0.16

Municipal Fire Protection

Rate Element	Permanent Monthly <u>Rate</u>		(Combined Monthly <u>Rate</u>	Effect of Step Increase		
Hydrant Inch-Foot	\$	84.83 0.17874	\$	87.13 0.18358	\$	2.30 0.00484	

Private Fire Protection

<u>Size</u>	rmanent Ionthly <u>Rate</u>	Combined Monthly <u>Rate</u>		Effect of Step Increase
4" 6" 8"	\$ 60.48 173.56 368.60	\$	62.12 178.26 378.59	\$ 1.64 4.70 9.99

Pittsfield Aqueduct Company, Inc. Cacluation of Revenue Effect From Step Increase Revised April 15, 2011

General Water Service

Residential:					
Meter	Number	Number	De	veloped	Developed
Size	of Meters	of Bills		Rate	Revenue
'5/8" *	534	6,408	\$	0.57	\$ 3,652.56
3/4"	1	12		0.83	9.96
1"	8	96		1.26	120.96
1 1/2"	6	72		2.28	164.16
2"	1	12		3.53	42.36
3"	0	0		6.56	0.00
4"	0	0		10.76	0.00
Total	550	6,600			\$ 3,990.00
	CCFT				
Volume:	46,619		\$	0.16	\$ 7,459.04

^{*} Five 5/8" Meters (60 Bills) removed per Draft Settlement

Commercial	•				
Meter	Number	Number		veloped	Developed
Size	of Meters	of Bills		Rate	Revenue
5/8"	54	648	\$	0.57	\$ 369.36
3/4"	0	0		0.83	0.00
1"	6	72		1.26	90.72
1 1/2"	5	60		2.28	136.80
2"	6	72		3.53	254.16
3"	0	0		6.56	0.00
4"	0	0		10.76	0.00
Total	71	852			\$ 851.04
	CCFT				
Volume:	10,185		\$	0.16	\$ 1,629.60
Industrial					
Meter	Number	Number	De	veloped	Developed
Size	of Meters	of Bills		Rate	Revenue
5/8"	3	36	\$	0.57	\$ 20.52
3/4"	0	0		0.83	0.00
1"	0	0		1.26	0.00
1 1/2"	0	0		2.28	0.00
2"	3	36		3.53	127.08
3"	.0	0		6.56	0.00
4"	0	0		10.76	0.00
Total	6	72			\$ 147.60
	CCFT				
Volume:	501		\$	0.16	\$ 80.16

Pittsfield Aqueduct Company, Inc. Cacluation of Revenue Effect From Step Increase Revised April 15, 2011

General Water Service - Continued

Municipal Meter Size 5/8" 3/4" 1" 1 1/2" 2" 3" 4"	Number of Meters 3 0 1 0 1 1 1 0 0	Number of Bills 36 0 12 0 12 12	De	eveloped Rate 0.57 0.83 1.26 2.28 3.53 6.56 10.76	\$ Developed Revenue 20.52 0.00 15.12 0.00 42.36 78.72 0.00
Total	6	72			\$ 156.72
Volume:	CCFT 1,145		\$	0.16	\$ 183,20
Grand Tota	Je			\$ 14,497.36	

Fire Protection Service

Private Fire	Protection				
,		Number	Developed	1	Developed
<u>Size</u>	Number	of Bills	Rate		Revenue
4"	1	12	\$ 1.64		19.68
6"	9	108	4.70		507.60
8"	1	12	9.99		119.88
Total	11	132		\$	647.16

Municipal Fire Protection

<u>Size</u> Hydrant Inch-Feet	Number 65 493,754	of Bills 780	\$ \$	veloped Rate 2.30 .00484	\$ Developed <u>Revenue</u> 1,794.00 2,389.77
Grand Total	Munipical Fi	re Revenue			\$ 4,183,77

Pittsfield Aqueduct Company, Inc. Cacluation of Revenue Effect From Step Increase Revised April 15, 2011

Description		Amount	<u>%</u>
GWS Volume Revenue GWS Customer Charge Revenue	\$ \$	9,352.00 5,145.36	48.38% 26.62%
Grand Total GWS Revenue	\$	14,497.36	75.00%
Grand Total Private Fire Revenue	\$	647.16	3.35%
Grand Total Munipical Fire Revenue	\$	4,183.77	21.65%
Grand Total Revenue under Step Inc.	\$	19,328.29	100.00%
Net Revenue Requirement		19,339.00	
Difference	\$	(10.71)	
		-0.055% Negligible	