

**Prefiled Direct Testimony
of
David G. Bebyn, CPA**

**Woonsocket Water Division
Docket _____**

December 2006

INTRODUCTION

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Q. Please state your name and business address for the record.

A. My name is David G. Bebyn CPA and my business address is 21 Dryden Lane, Providence, Rhode Island 02904.

Q. By whom are you employed and in what capacity?

A. I am the Vice President of B&E Consulting LLC. (B&E). B&E is a CPA firm that specializes in utility regulation, expert rate and accounting testimony, school budget reviews and accounting services.

Q. Mr. Bebyn, have you testified as an expert accounting witness prior to this docket?

A. Yes. I have prepared testimony and testified in the Pawtucket Water Supply Board's (PWSB) last two rate filing Dockets #3378 & #3497 in support for the adjusted test year. Furthermore, I prepared testimony, but was not required to testify in Dockets #3164 & #3193 on behalf of the PWSB and Docket #3655 on behalf of Block Island Power Company.

Q. What is your educational background?

A. I received my Bachelors of Science Degree in Accounting (BSA) from Rhode Island College. I became a Certified Public Accountant in 2000 after successfully passing the CPA exam.

Q. What is the purpose of your testimony?

A. B&E was engaged by Woonsocket Water Division (WWD) to provide testimony in support of its rate request. My testimony includes a presentation of the normalized test year (June 30, 2006), rate design along with revenue check and ratepayer impact.

Q. Does that conclude your introduction?

A. Yes.

1 TEST YEAR (June 30, 2006)

2
3 **Q. Mr. Bebyn, was the test year audited?**

4 A. No. The fiscal year ending June 30, 2006 is currently being audited by Parmelee,
5 Poirier & Associates, LLP and has not been completed to date.
6

7 **Q. Please provide the Commission with the detailed steps you took to develop the**
8 **test year.**

9 A. I obtained the detailed trial balances for June 30, 2006 for all water accounts. I
10 reviewed all the prior year-end audit adjustments and general ledger account balances to
11 assure that corresponding FY 2006 entries required were properly recorded. The trial
12 balances were adjusted for depreciation, principal paid, loan proceeds received, capital
13 additions and additional payables. The adjusted balances were used to prepare the FY
14 2006 Annual Report filed with the Public Utilities Commission and the Test Year used in
15 this rate filing.
16

17 **Q. What adjustments did you make to convert the June 30, 2006 financial**
18 **statements prepared on a Generally Accepted Accounting Principles (GAAP) basis to**
19 **arrive at a normalized “rate making basis” test year?**

20 A. I made nine adjustments to the test year prepared on a GAAP basis in order to present
21 the test year on a normalized “rate making basis” as follows:
22

23 A. Adjusted the public fire service revenue to reflect a full year of revenue on four new
24 accounts. The accounts added eight additional 6” hydrants.

25 B. Miscellaneous revenue contained \$433,700 of EPA grant revenue and \$177,450 of
26 RI Water Resources Board water protection grants. Grant revenue is related to grant
27 mandated expenditures and is not available to pay for normal operations. Therefore,
28 I have removed all of the grant revenues from the GAAP basis financial statements.
29 The expenditures related to the grant revenue were capitalized so no further

1 adjustment was needed. The total adjustment on DGB-1 of \$611,150 reflects the
2 removal of these two items.

3 C. Removed interest income earned on monies held in the restricted accounts required
4 by the Rhode Island Public Utilities Commission (RIPUC). The restricted accounts
5 required by the RIPUC cover IFR, Debt service, Chemicals, Rate Case and Renewal
6 & Replacement reserve.

7 D. Added back to the test year \$746 of credits from the Town of Lincoln for a
8 correction of the WWD's 1998 property tax assessment and removed \$87 of late
9 payments to the Town of Smithfield for property taxes.

10 E. The WWD budgets approved Operating Reserve to account "54417 Operating
11 Reserve". This account is used to budget unforeseen expenditures. These total
12 expenses were reclassified to another account based upon function in order to
13 normalize the Test Year. The first part of the adjustment increased Independent
14 Services by \$8,716 for the cost related to the Eisenhardt Group Incorporated
15 developed comprehensive financial analysis referenced in Ms. Lariviere's testimony.
16 The remaining \$10,710 was reclassified to engineering expenses for the construction
17 of the Fugere Street water line.

18 F. The fiscal certification expense was increased by \$1,250 for the expense of the 2005
19 \$4.0 million RI clean water bond. The cost of the certification is \$1,250 per bond.

20 G. Removed all depreciation expense from the test year because WWD is regulated on
21 a cash basis.

22 H. Increased the IFR, Chemicals, Rate Case and Renewal & Replacement reserve
23 expense level to reflect the amount authorized in docket 3626 and restricted per
24 bond covenants and Commission order.

25 I. Added back to the test year bond and capitalized lease principal payments made in
26 the test year.

27
28 **Q. Mr. Bebyn, why was no adjustment needed to Postage Expense?**

29 A. The FY 2003 and 2004 expenses included quarterly commercial and semiannual
30 residential billings. During fiscal year 2005 the semiannual residential billings were

1 changed to quarterly billing, as explained in the WWD's May 19, 2005 compliance filing
2 with the Commission. FY 2006 has a full year of quarterly billing on all accounts. The
3 higher test year expense was a result of a full year of quarterly billing.

4
5 **Q. Mr. Bebyn, in your professional opinion does your adjusted test year present a**
6 **proper normalized test year?**

7 A. Yes, I believe that the adjusted, normalized test year that I have prepared for this filing
8 (DGB-1) fairly presents the operations of WWD in a normal year on a ratemaking basis
9 with currently approved rates.

10
11 **Q. Did you complete any other reviews to prepare your test year adjustments?**

12 A. Yes, I did. I prepared a four-year analysis of the actual (audited) revenue and expenses
13 for the years 2003, 2004, 2005 & 2006. Major variances were investigated to determine if
14 an adjustment was needed. If so, I discussed these items with Mr. Edge to decide if it
15 required a test year or rate year adjustment.

16
17 **Q. Did you include a schedule of the four-year comparison with this testimony?**

18 A. Yes, see DGB-2.

19
20 **Q. Did you prepare any other schedules in support of the test year?**

21 A. Yes, I did. I prepared schedule DGB-1a to detail the Test Year revenues by source,
22 tariff and rate class. Sales volumes and customer counts by rate class for the Test Year
23 were also presented.

24
25 **Q. Does that conclude your testimony of the test year?**

26 A. Yes.

27
28 **Q. What would you like to discuss next?**

29 A. I would like to review my schedules for Rate Design.

1 Rate Design

2

3 **Q. Mr. Bebyn are you proposing a change in rate design for this case?**

4 A. No. The proposed rates are based on the cost allocation study included in Schedules
5 DGB-3 and DGB-4. The cost allocations are in conformance with those approved in
6 Dockets 2099, 2904 and 3626. The change to quarterly billing on all meter sales was
7 addressed in the motion to reopen the proceedings of Docket 3626. Due to shift to
8 quarterly billing the proposed service charges are actually lower than the current charges in
9 most cases.

10

11 **Q. Please describe your Rate Design schedules.**

12 A. There are eight main schedules, several of which include supporting schedules. These
13 schedules are:

- 14
- 15 • **Schedule DGB-3** This schedule presents the allocation of the rate year
16 expenses (Schedule WEE-1, WEE-2 & WEE-3 from Mr. Edge's
17 Testimony) to the various cost functions. As indicated earlier, this
18 generally follows the allocations approved in the prior dockets.
 - 19 ○ **Schedule DGB-3A** This schedule presents the derivation of
20 various allocation symbols or allocators that were used in the
21 prior schedules. For the most part these are the same or derived
22 in the same manner as the allocators used in the prior dockets.
 - 23 ○ **Schedule DGB-3B** This presents the development of the Misc.
24 Revenue allocation based upon all other expenses.
 - 25 ○ **Schedule DGB-3C** This presents the allocation of the labor
26 expenses to cost functions. The overall labor allocation is used
27 to allocate certain labor related costs.
 - 28 ○ **Schedule DGB-3D** This presents the allocation of Water
29 Department assets to cost functions. The allocation of assets is
30 used to allocate some of the capital related items.
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- **Schedule DGB-4** This schedule presents the allocation of the Functional Costs to the various Rate Schedule Elements.
 - **Schedule DGB-4A** This schedule presents the derivation of the allocators used on Schedule DGB-4. Again they are the same or derived in the same manner as the prior dockets
 - **Schedule DGB-4B** This presents the development of the T&D allocation based upon Inch-Feet of Pipe.
 - **Schedule DGB-4C** This presents the development of the Pumping allocation based upon production from each pumping station.
 - **Schedule DGB-4D** This presents the development of the General & Administrative allocation based upon all other expenses.

- **Schedule DGB-5** This schedule presents the units of service including the number of meters by size and billing frequency, the number of billings, the number of private and public fire services by size of connection, and water production and sales.
 - **Schedule DGB-6** This presents the calculation of the metered retail and wholesale rates.
 - **Schedule DGB-7** This schedule presents the derivation of the fire service charges.
 - **Schedule DGB-8** This presents the calculation of the service charges on a quarterly basis only.

1 **Q. What information have you used for water use, numbers of meters, and fire**
2 **services?**

3 A. This information is presented on Schedule DGB-5. The water meter counts and fire
4 services are the most recent information and reflect the accounts as of September 30, 2006.
5 Accordingly it is somewhat more recent than the end of the test year. The water use data
6 for metered sales is for the fiscal year ending June 30, 2006 (the test year). The projected
7 wholesale consumptions figures are explained in further detail in Mr. Edge's Testimony.

8
9 **Q. Why was the increase of retail rates 10% higher than the overall increase**
10 **24.92%?**

11 A. This is a result of the increase IFR costs (including the new RICWFA that will be used
12 to finance the new treatment plant construction) that must be recovered through metered
13 rates. In addition the higher costs are spread over reduced meter consumption.

14
15 **Q. Have you prepared any other schedules?**

16 A. I have prepared a schedule summarizing current rate and proposed rates (See DGB-9).
17 I have also included a revenue check schedule incorporating overall increase of 24.92%
18 (See DGB-10) and a schedule calculating the impact on each ratepayer class (See DGB-
19 11).

20
21 **Q. What is the overall impact of the proposed rates on a typical residential**
22 **customer?**

23 A. Schedule DGB-11 presents the impacts on various customers and types of services. A
24 typical residential customer who uses 205 gallons per day, 10,000 cubic feet per year will
25 see their water bill increase by 22.01% from \$404 to \$492. This would represent only a \$7
26 increase per month. The smaller customer's increase was smaller than the overall increase
27 due to the proposed reduction in the service charge which is a large portion of their total
28 bill. These savings are reduced as the volume of consumption increases.

29
30

1 **Q. Does that conclude your testimony?**

2 A. Yes.

3

**ADJUSTED TEST YEAR
WOONSOCKET WATER DIVISION**

Schedule DGB-1

ACCT. #	BUDGET ACCOUNT DESCRIPTION	TEST YEAR 6/30/06	TEST YEAR ADJUSTMENTS	ADJUSTED TEST YEAR
REVENUE				
<i>Revenue from Rates and Charges</i>				
41010	Water Sales	\$ 5,145,211		\$ 5,145,211
	Wholesale Sales	-		-
	Customer Service Revenue	790,143		790,143
	Public Fire Service Revenue	497,188	A 394	497,582
	Private Fire Service Revenue	60,270		60,270
		6,492,812	394	6,493,206
<i>Miscellaneous Revenue</i>				
41030	Service & Extentions	66,243		66,243
41035	Repairs	8,663		8,663
41040	Miscellaneous Income	638,748	B (611,150)	27,598
41070	Water Surcharge	22,891		22,891
42310	Interest on Bills	79,318		79,318
42320	Interest on Investments	6,448		6,448
	Interest on Restricted Accounts	22,281	C (22,281)	-
		844,592	(633,431)	211,161
	TOTAL REVENUE	\$ 7,337,404	(633,037)	\$ 6,704,367

ADJUSTED TEST YEAR
WOONSOCKET WATER DIVISION

Schedule DGB-1

ACCT. #	BUDGET ACCOUNT DESCRIPTION	TEST YEAR 6/30/06	TEST YEAR ADJUSTMENTS	ADJUSTED TEST YEAR
EXPENSES				
<i>Personnel Expense</i>				
51110	Permanent Services	\$ 1,090,856		\$ 1,090,856
51122	Temporary Labor	12,027		12,027
51141	Overtime Pay	122,321		122,321
51144	Out of Class	1,217		1,217
51145	Longevity Pay	37,399		37,399
51146	Medical Buy Back	5,953		5,953
51147	Sick Leave Reimbursement	4,522		4,522
51148	Comp Time Reimbursement	-		-
51149	Shift Differential	10,165		10,165
51153	Non-sick/Injury Bonus	1,250		1,250
51155	Bonus for Course	19,159		19,159
<i>Total Personnel Expenses</i>		1,304,869	-	1,304,869
<i>Maintenance & Servicing Expenses</i>				
52211	Postage	18,466	-	18,466
52212	Telephone	25,929		25,929
52213	Dues & Subscriptions	4,033		4,033
52214	Advertising	6,017		6,017
52216	Travel Out of City	31		31
52219	Educational Training	7,523		7,523
52221	Printing & Reproducing	9,920		9,920
52231	General Maint. & Upkeep	54,269		54,269
52234	Vehicle & Outside Equip. Upkeep	17,586		17,586
52236	Maintenance - Office Equipment	2,778		2,778
52238	Maintenance - Roads & Walks	61,984		61,984
52239	Computer Software	2,026		2,026
52244	Land Rental Charges	2,043		2,043
52249	Other Rentals	4,307		4,307
52251	Heating	18,683		18,683
52252	Light & Power	218,353		218,353
52255	Property & Fire Taxes	126,672	D 660	127,332
52256	Sewer Assessment	58,009		58,009
52258	State Pollution Monitoring Program	30,535		30,535
52260	Regulatory Assessments	30,013		30,013
52261	Conservation Services	1,070		1,070
52266	Police Details	8,553		8,553
52281	Other Independent Service	32,905	E 8,716	41,621
52282	Audit Service	6,250		6,250
52283	Legal Service	7,406		7,406
52289	Medical Examinations	201		201
52290	Engineering Service	29,205	E 10,710	39,916
<i>Total Maintenance & Servicing Expenses</i>		784,767	20,086	804,853
<i>Operating Supplies & Expenses</i>				
53311	Office Supplies	3,520		3,520
53321	Gas & Diesel	27,878		27,878
53322	Tires & Batteries	122		122
53336	Chemicals - Water Supply	-	-	-

ADJUSTED TEST YEAR
WOONSOCKET WATER DIVISION

Schedule DGB-1

ACCT. #	BUDGET ACCOUNT DESCRIPTION	TEST YEAR 6/30/06	TEST YEAR ADJUSTMENTS	ADJUSTED TEST YEAR
<i>Operating Supplies & Expenses (Continued)</i>				
53344	Tools & Implements	9,022		9,022
53346	Cleaning & Housekeeping Supplies	1,619		1,619
53349	Other Supplies	66,540		66,540
53351	Lab Supplies	26,639		26,639
53363	Clothing & Footware	9,074		9,074
53366	Drug & Medical Supplies	1,280		1,280
53369	Clothing Allowance	4,613		4,613
<i>Total Operating Supplies & Expenses</i>		150,306	-	150,306
<i>General Expenses</i>				
54413	Fiscal Certification	1,250	F 1,250	2,500
54415	Depreciation	456,435	G (456,435)	-
54434	FICA Employer Cost	94,528		94,528
54446	City Service Charges	281,162		281,162
54451	Insurance - Vehicles & Equipment	53,620		53,620
54452	Insurance - Workmen's Comp	71,500		71,500
54453	Insurance - Liability	120,167		120,167
54456	Insurance - Group Life	6,675		6,675
54471	Health Insurance	367,822		367,822
54472	Dental Insurance	21,107		21,107
<i>Total General Expenses</i>		1,474,265	(455,185)	1,019,080
<i>Restricted Account Expenses</i>				
53336	Chemicals - Water Supply	236,119	H (22,235)	213,884
54417	Operating Resrve	19,426	E (19,426)	-
54463	Infrastructure Replacement	1,369,743	H 385,687	1,755,430
54464	Rate Case Expense	87,636	H (57,636)	30,000
54467	Debt Service Reimbursement	635,451	I 967,480	1,602,931
54473	Renewal & Replace Fund	153,531	H (3,531)	150,000
<i>Total Other Miscellaneous Expenses</i>		2,501,906	1,250,339	3,752,245
TOTAL EXPENSES		\$ 6,216,113	815,240	\$ 7,031,353
NET INCOME/(LOSS)		\$ 1,121,291	(1,448,276)	\$ (326,986)

Detail of Revenues by Source, Tariff & Rate Class
Woonsocket Water Division

Schedule DGB-1a

		<u>Count or Usage</u>	<u>Current</u>	<u>Test Year Revenue</u>
<hr/> <i>Public Fire Protection</i> <hr/>				
4	Inch	30	\$ 110.82	\$ 3,325
6	Inch	1,535	\$ 321.91	\$ 494,132
	Per Bill	9	\$ 14.00	\$ 126
				<hr/> \$ 497,582 <hr/>
<hr/> <i>Private Fire Protection</i> <hr/>				
2	Inch	9	\$ 40.72	\$ 366
3	Inch	5	\$ 78.20	\$ 391
4	Inch	49	\$ 143.30	\$ 7,022
6	Inch	89	\$ 368.44	\$ 32,791
8	Inch	19	\$ 756.98	\$ 14,383
10	Inch	4	\$ 1,329.48	\$ 5,318
				<hr/> \$ 60,271 <hr/>
<hr/> <i>Minimum Service Charge</i> <hr/>				
5/8	Inch	33,976	\$ 19.88	\$ 675,443
3/4	Inch	1,100	\$ 22.34	\$ 24,574
1	Inch	1,428	\$ 24.33	\$ 34,743
1 1/2	Inch	260	\$ 33.14	\$ 8,616
2	Inch	512	\$ 40.88	\$ 20,931
3	Inch	28	\$ 51.16	\$ 1,432
4	Inch	56	\$ 70.35	\$ 3,940
6	Inch	72	\$ 113.17	\$ 8,148
8	Inch	60	\$ 187.70	\$ 11,262
10	Inch	4	\$ 263.41	\$ 1,054
				<hr/> \$ 790,143 <hr/>
<hr/> <i>Metered Rates</i> <hr/>				
Wholesale	Rate per 1,000,000 gallons	-	\$ 3,207.19	\$ -
Retail	Rate per 100 Cubic Feet	1,588,028	\$ 3.24	\$ 5,145,211
				<hr/> \$ 5,145,211 <hr/>
Total Rates and Charges				\$ 6,493,207

FOUR YEARS OF FISCAL YEAR
ACTUAL REVENUE & EXPENSES
WOONSOCKET WATER DIVISION

Schedule DGB-2

ACCT. #	BUDGET ACCOUNT DESCRIPTION	FY 2003 ACTUAL REVENUES	FY 2004 ACTUAL REVENUES	FY 2005 ACTUAL REVENUES	FY 2006 ACTUAL REVENUES
<i>REVENUE</i>					
41010	Water Sales	\$ 3,589,689	\$ 3,913,923	\$ 4,748,081	\$ 5,145,211
	Wholesale Sales	-	-	-	-
	Customer Service Revenue	470,454	572,554	568,544	790,143
	Public Fire Service Revenue	343,163	426,216	426,287	497,188
	Private Fire Service Revenue	54,395	64,395	59,759	60,270
41030	Service & Extensions	151,901	142,212	82,561	66,243
41035	Repairs	3,592	4,565	9,524	8,663
41040	Miscellaneous Income	21,552	40,545	21,392	638,748
41070	Water Surcharge	26,832	27,909	29,094	22,891
42310	Interest on Bills	115,113	139,696	135,160	79,318
42320	Interest on Investments	12,141	2,807	16,673	6,448
44998	Interest on Restricted Accounts	27,343	23,903	15,212	22,281
49999	Revenue Adjustment			-	
	TOTAL REVENUE	\$ 4,816,174	\$ 5,358,724	\$ 6,112,286	\$ 7,337,404

FOUR YEARS OF FISCAL YEAR
ACTUAL REVENUE & EXPENSES
WOONSOCKET WATER DIVISION

Schedule DGB-2

ACCT. #	BUDGET ACCOUNT DESCRIPTION	FY 2003 ACTUAL EXPENSES	FY 2004 ACTUAL EXPENSES	FY 2005 ACTUAL EXPENSES	FY 2006 ACTUAL EXPENSES
EXPENSES					
<i>Personnel Expense</i>					
51110	Permanent Services	\$ 1,058,939	\$ 1,043,469	\$ 1,053,106	\$ 1,090,856
51122	Temporary Labor	11,809	11,730	12,808	12,027
51141	Overtime Pay	122,576	89,416	114,290	122,321
51144	Out of Class	740	1,090	2,126	1,217
51145	Longevity Pay	33,114	36,158	33,117	37,399
51146	Medical Buy Back	-	4,718	5,575	5,953
51147	Sick Leave Reimbursement	2,933	24,018	30,303	4,522
51148	Comp Time Reimbursement	-	572	625	-
51149	Shift Differential	9,500	10,827	10,935	10,165
51153	Non-sick/Injury Bonus	-	2,250	1,750	1,250
51155	Bonus for Course	16,840	17,364	16,630	19,159
<i>Total Personnel Expenses</i>		1,256,451	1,241,611	1,281,264	1,304,869
<i>Maintenance & Servicing Expenses</i>					
52211	Postage	11,279	10,935	11,499	18,466
52212	Telephone	37,975	36,785	27,040	25,929
52213	Dues & Subscriptions	1,313	888	1,119	4,033
52214	Advertising	2,437	4,478	4,975	6,017
52216	Travel Out of City	1,274	2,692	18	31
52219	Educational Training	8,719	6,599	8,478	7,523
52221	Printing & Reproducing	10,351	7,921	17,144	9,920
52231	General Maint. & Upkeep	44,762	66,936	32,440	54,269
52234	Vehicle & Outside Equip. Upkeep	12,468	12,385	10,624	17,586
52236	Maintenance - Office Equipment	2,861	882	1,517	2,778
52238	Maintenance - Roads & Walks	64,046	208,706	128,089	61,984
52239	Computer Software	2,251	400	1,075	2,026
52244	Land Rental Charges	2,043	2,043	2,043	2,043
52249	Other Rentals	1,500	2,005	2,649	4,307
52251	Heating	15,527	13,227	25,694	18,683
52252	Light & Power	192,156	225,612	212,016	218,353
52255	Property & Fire Taxes	143,915	142,590	123,981	126,672
52256	Sewer Assessment	102,264	73,787	61,226	58,009
52258	State Pollution Monitoring Program	12,994	24,067	31,462	30,535
52260	Regulatory Assessments	22,465	35,752	33,833	30,013
52261	Conservation Services	-	-	1,080	1,070
52266	Police Details	1,264	7,725	4,288	8,553
52281	Other Independent Service	5,432	12,042	22,401	32,905
52282	Audit Service	6,532	8,332	6,532	6,250
52283	Legal Service	1,258	54,958	29,939	7,406
52289	Medical Examinations	532	150	686	201
52290	Engineering Service	18,991	53,425	40,197	29,205
<i>Total Maintenance & Servicing Expenses</i>		726,608	1,015,320	842,044	784,767
<i>Operating Supplies & Expenses</i>					
53311	Office Supplies	4,657	5,715	6,567	3,520
53321	Gas & Diesel	6,610	12,421	23,381	27,878
53322	Tires & Batteries	2,993	3,359	1,673	122
53336	Chemicals - Water Supply	-	-	(433)	-

FOUR YEARS OF FISCAL YEAR
ACTUAL REVENUE & EXPENSES
WOONSOCKET WATER DIVISION

Schedule DGB-2

ACCT. #	BUDGET ACCOUNT DESCRIPTION	FY 2003 ACTUAL EXPENSES	FY 2004 ACTUAL EXPENSES	FY 2005 ACTUAL EXPENSES	FY 2006 ACTUAL EXPENSES
<i>Operating Supplies & Expenses (Continued)</i>					
53344	Tools & Implements	3,103	7,346	11,930	9,022
53346	Cleaning & Housekeeping Supplies	1,783	2,911	620	1,619
53349	Other Supplies	51,836	63,464	37,174	66,540
53351	Lab Supplies	25,736	25,268	25,767	26,639
53363	Clothing & Footware	7,444	8,633	9,225	9,074
53366	Drug & Medical Supplies	1,721	580	1,833	1,280
53369	Clothing Allowance	3,808	4,145	3,508	4,613
<i>Total Operating Supplies & Expenses</i>		109,690	133,842	121,244	150,306
<i>General Expenses</i>					
54413	Fiscal Certification	550		1,250	1,250
54415	Depreciation	658,448	685,260	457,231	456,435
54433	Pensions				
54434	FICA Employer Cost	91,325	95,273	96,190	94,528
54446	City Service Charges	265,022	265,022	281,162	281,162
54451	Insurance - Vehicles & Equipment	45,481	46,931	40,064	53,620
54452	Insurance - Workmen's Comp	63,037	65,000	71,500	71,500
54453	Insurance - Liability	76,910	132,801	140,530	120,167
54456	Insurance - Group Life	5,528	6,357	6,357	6,675
54471	Health Insurance	301,247	334,384	367,822	367,822
54472	Dental Insurance	19,173	18,795	23,758	21,107
54999	Misc Exp Audit Adj	2,121		-	-
<i>Total General Expenses</i>		1,528,841	1,649,822	1,485,864	1,474,265
<i>Restricted Account Expenses</i>					
53336	Chemicals - Water Supply	281,194	202,072	274,862	236,119
54412	Interest on Notes	8,959			
54417	Operating Resrve				19,426
54421	Transfer Out			-	
54463	Infrastructure Replacement			1,294,374	1,369,743
54464	Rate Case Expense	64,251		75,832	87,636
54467	Debt Service Reimbursement	297,189	276,578	482,005	635,451
54473	Renewal & Replace Fund			107,889	153,531
<i>Total Other Miscellaneous Expenses</i>		651,593	478,650	2,234,962	2,501,906
TOTAL EXPENSES		\$ 4,273,182	\$ 4,519,246	\$ 5,965,378	\$ 6,216,113
NET INCOME/(LOSS)		\$ 542,992	\$ 839,478	\$ 146,908	\$ 1,121,291

Allocation of Net Revenue Requirement to Functional Categories

Schedule DGB-3

Woonsocket Water Division

Page 1 of 3

Personnel Expense	Allocator	Rate Year	Supply/ Treatment	Trans & Distribution	Pumping/ Storage	Meter/ Service	Billing Collection	Direct Fire	General/ Administration
51110 Permanent Services	L	\$ 1,312,822	\$ 542,695	\$ 208,523	\$ 26,115	\$ 147,435	\$ 107,110	93,955	186,990
UPGRADE	L	-	-	-	-	-	-	-	-
51122 Temporary Labor	S	12,027	12,027	-	-	-	-	-	-
51141 Overtime Pay	L	122,321	50,565	19,429	2,433	13,737	9,980	8,754	17,423
51144 Out of Class	L	1,217	503	193	24	137	99	87	173
51145 Longevity Pay	L	43,631	18,036	6,930	868	4,900	3,560	3,123	6,214
51146 Medical Buy Back	L	5,953	2,461	946	118	669	486	426	848
51147 Sick Leave Reimbursement	L	4,522	1,869	718	90	508	369	324	644
51148 Comp Time Reimbursement	L	-	-	-	-	-	-	-	-
51149 Shift Differential	L	10,165	4,202	1,615	202	1,142	829	727	1,448
51153 Non-sick/Injury Bonus	L	1,250	517	199	25	140	102	89	178
51155 Bonus for Course	L	19,159	7,920	3,043	381	2,152	1,563	1,371	2,729
Total Personnel Expenses		1,533,067	640,795	241,596	30,257	170,819	124,098	108,856	216,647
Maintenance & Servicing Expenses									
52211 Postage	B	18,466	-	-	-	-	18,466	-	-
52212 Telephone	G	25,929	-	-	-	-	-	-	25,929
52213 Dues & Subscriptions	G	4,033	-	-	-	-	-	-	4,033
52214 Advertising	G	6,017	-	-	-	-	-	-	6,017
52216 Travel Out of City	G	31	-	-	-	-	-	-	31
52219 Educational Training	G	7,523	-	-	-	-	-	-	7,523
52221 Printing & Reproducing	G	9,920	-	-	-	-	-	-	9,920
52231 General Maint. & Upkeep	E	54,269	48,842	-	5,427	-	-	-	17,586
52234 Vehicle & Outside Equip. Upkeep	G	17,586	-	-	-	-	-	-	17,586
52236 Maintenance - Office Equipment	G	2,778	-	-	-	-	-	-	2,778
52238 Maintenance - Roads & Walks	K	115,706	-	57,853	-	28,926	-	28,926	-
52239 Computer Software	G	2,026	-	-	-	-	-	-	2,026
52244 Land Rental Charges	S	2,043	2,043	-	-	-	-	-	-
52249 Other Rentals	S	4,307	4,307	-	-	-	-	-	-
52251 Heating	HE	18,683	9,342	-	-	-	-	-	9,342
52252 Light & Power	F	269,182	263,260	-	5,922	-	-	-	-
52255 Property & Fire Taxes	S	138,235	138,235	-	-	-	-	-	-
52256 Sewer Assessment	S	58,009	58,009	-	-	-	-	-	-
52258 State Pollution Monitoring Program	S	30,535	30,535	-	-	-	-	-	-
52260 Regulatory Assessments	G	30,013	-	-	-	-	-	-	30,013
52261 Conservation Services	S	1,070	1,070	-	-	-	-	-	-
52266 Police Details	D	8,553	-	8,553	-	-	-	-	-
52281 Other Independent Service	G	41,621	-	-	-	-	-	-	41,621
52282 Audit Service	G	6,250	-	-	-	-	-	-	6,250
52283 Legal Service	G	7,406	-	-	-	-	-	-	7,406
52289 Medical Examinations	L	201	83	32	4	23	16	14	29
52290 Engineering Service	R	100,000	25,730	59,431	13,451	752	-	635	-
Total Maintenance & Servicing Expenses		980,390	581,455	125,869	24,804	29,701	18,482	29,576	170,503

Allocation of Net Revenue Requirement to Functional Categories

Woonsocket Water Division

	Allocator	Rate Year	Supply/Treatment	Trans & Distribution	Pumping/Storage	Meter/Service	Billing Collection	Direct Fire	General/ Administration
<i>Operating Supplies & Expenses</i>									
53311	G	3,520	-	-	-	-	-	-	3,520
53321	G	27,878	-	-	-	-	-	-	27,878
53322	G	122	-	-	-	-	-	-	122
53336	S	-	-	-	-	-	-	-	-
53344	G	9,022	-	-	-	-	-	-	9,022
53346	G	1,619	-	-	-	-	-	-	1,619
53349	G	66,540	-	-	-	-	-	-	66,540
53351	S	26,639	26,639	-	-	-	-	-	-
53363	L	9,074	3,751	1,441	180	1,019	740	649	1,292
53366	L	1,280	529	203	25	144	104	92	182
53369	L	4,613	1,907	733	92	518	376	330	657
Total Operating Supplies & Expenses		150,306	32,825	2,377	298	1,681	1,221	1,071	110,833
<i>General Expenses</i>									
54413	R	2,500	643	1,486	336	19	-	16	-
54415	R	-	-	-	-	-	-	-	-
54433	L	-	-	-	-	-	-	-	-
54434	L	117,280	48,481	18,628	2,333	13,171	9,569	8,393	16,705
54446	I	281,162	5,342	15,745	562	2,530	33,458	562	222,961
54451	G	79,877	-	-	-	-	-	-	79,877
54452	L	82,189	33,975	13,055	1,635	9,230	6,706	5,882	11,706
54453	G	123,261	-	-	-	-	-	-	123,261
54456	L	7,343	3,035	1,166	146	825	599	526	1,046
54471	L	547,018	226,126	86,886	10,881	61,432	44,630	39,148	77,914
54472	L	32,172	13,299	5,110	640	3,613	2,625	2,302	4,582
54999	L	-	-	-	-	-	-	-	-
Total General Expenses		1,272,802	330,903	142,076	16,534	90,820	97,586	56,830	538,052
<i>Restricted Account Expenses</i>									
53336	S	296,000	296,000	-	-	-	-	-	-
54412	S	-	-	-	-	-	-	-	-
54421	S	-	-	-	-	-	-	-	-
54463	IFR	2,200,000	566,058	1,633,942	-	-	-	-	-
54464	G	81,364	-	-	-	-	-	-	81,364
54467	R	739,210	190,198	439,325	99,434	5,557	-	4,697	-
54467	IFR	1,092,857	281,191	811,666	-	-	-	-	-
54473	R	150,000	38,595	89,147	20,177	1,128	-	953	-
Total Other Miscellaneous Expenses		4,559,431	1,372,042	2,974,080	119,610	6,685	-	5,650	81,364
TOTAL EXPENSES		8,495,997	2,958,020	3,485,998	191,503	299,705	241,388	201,983	1,117,399
54417	J	127,440	44,370	52,290	2,873	4,496	3,621	3,030	16,761

Allocation of Net Revenue Requirement to Functional Categories

Woonsocket Water Division

Allocator	Rate Year	Supply/Treatment	Trans & Distribution	Pumping/Storage	Meter/Service	Billing Collection	Direct Fire	General/ Administration
<i>Less:</i>								
	A	(66,243)	(33,122)	-	(33,122)	-	-	-
	J	(27,598)	(11,324)	(622)	(974)	(784)	(656)	(3,630)
	J	(79,318)	(32,545)	(1,788)	(2,798)	(2,254)	(1,886)	(10,432)
	R	(6,448)	(3,832)	(867)	(48)	-	(41)	-
	J	(22,891)	(9,392)	(516)	(808)	(650)	(544)	(3,011)
	J	(8,663)	(3,555)	(195)	(306)	(246)	(206)	(1,139)
TOTAL NET REVENUE REQUIREMENT		8,412,276	3,444,519	190,388	266,146	241,075	201,680	1,115,948
PERCENTAGE			40.9%	2.3%	3.2%	2.9%	2.4%	13.3%

Development of Allocation Symbol J
Woonsocket Water Division

Schedule DGB-3B

TOTAL EXPENSES - Obtained from schedule DGB-3 page 2 of 3

Supply/ Treatment	\$ 2,958,020	34.82%
Transmission & Distribution	3,485,998	41.03%
Pumping/ Storage	191,503	2.25%
Meter/ Service	299,705	3.53%
Billing Collection	241,388	2.84%
Direct Fire	201,983	2.38%
General/ Administration	<u>1,117,399</u>	<u>13.15%</u>
Total	<u>\$ 8,495,997</u>	<u>100.00%</u>

Allocation of Labor Costs to Functional Categories

Schedule DGB-3C

Woonsocket Water Division

Allocator	Rate Year	Supply/ Treatment	Trans & Distribution	Pumping/ Storage	Meter/ Service	Billing Collection	Direct Fire	General/ Administration
SUPERINTENDENT	\$ 74,626	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 74,626
ASST SUPERINTENDENT	-	-	-	-	-	-	-	-
PUB WORKS ACCT CLERK	29,105	-	-	-	-	29,105	-	-
PRINCIPAL CLERK TYPIST	31,653	-	-	-	-	-	-	31,653
PLANT EQUIP OPERATOR	39,613	27,729	-	11,884	-	-	-	-
WATER WORKS CLERK	29,105	-	-	-	-	-	-	29,105
CHEMIST/BACTERIOLOGIST	55,850	55,850	-	-	-	-	-	-
WATER DIV ENGINEER	44,591	-	22,296	-	11,148	-	11,148	-
WATER DIV ENGINEER AIDE	41,502	-	20,751	-	20,751	-	-	-
WATER TREAT PLANT OPERATOR	317,640	317,640	-	-	-	-	-	-
WATER T/D SUP	55,850	55,850	-	-	-	-	-	-
SR WATER FOREPERSON	46,457	-	23,228	-	11,614	-	11,614	-
WATER FOREPERSON	39,925	-	19,962	-	9,981	-	9,981	-
UTILITY PERSON	137,438	-	68,719	-	34,360	-	34,360	-
METER FOREPERSON	33,725	-	-	-	25,294	-	8,431	-
METER READERS	62,812	-	-	-	15,703	-	-	-
HEAVY EQUIPMENT OPERATORS	72,532	-	36,266	-	18,133	-	18,133	-
PLANT MASTER MAINT MECHANIC	47,171	33,020	-	14,151	-	-	-	-
WATER SUPPLY INSPECTOR	33,325	16,662	16,662	-	-	-	-	-
MANAGERIAL ACCOUNTANT	51,032	-	-	-	-	-	-	51,032
DATA ENTRY OPERATOR	-	-	-	-	-	-	-	-
SR WATER DIV ACCT CLERK	34,282	34,282	-	-	-	30,568	-	-
WATER TREAT LAB TECH	34,282	-	-	-	-	-	-	-
TOTAL SALARIES	1,308,802	541,033	207,885	26,035	146,983	106,782	93,667	186,417
		41.34%	15.88%	1.99%	11.23%	8.16%	7.16%	14.24%

Allocation of Assets to Functional Categories

Schedule DGB-3D

Woonsocket Water Division

	Allocator	Rate Year	Supply/ Treatment	Trans & Distribution	Pumping/ Storage	Meter/ Service	Billing Collection	Direct Fire	General/ Administration
Intangible Plant		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Source of Supply	S	5,387,800	5,387,800	-	-	-	-	-	-
Pumping Plant	P	2,350,000	-	-	2,350,000	-	-	-	-
Water Treatment Plant	S	20,150,000	20,150,000	-	-	-	-	-	-
Transmission & Distribution Plant									
Transmission/Supply Mains	S	5,683,180	5,683,180	-	-	-	-	-	-
Distribution Mains	D	72,115,125	-	72,115,125	-	-	-	-	-
Storage	P	13,972,000	-	-	13,972,000	-	-	-	-
Meters	M	912,200	-	-	-	912,200	-	-	-
Hydrants	FP	771,000	-	-	-	-	-	771,000	-
Subtotal T&D		83,453,505	5,683,180	72,115,125	13,972,000	912,200	-	771,000	-
General Plant	R	-	-	-	-	-	-	-	-
TOTAL		121,341,305	31,220,980	72,115,125	16,322,000	912,200	-	771,000	-
	R		25.73%	59.43%	13.45%	0.75%	0.00%	0.64%	0.00%

Allocation of Net Revenue Requirement to Functional Categories
Woonsocket Water Division

Schedule DGB-4

	Allocator	Rate Year	Wholesale/ Base	Retail Only	Fire Protection	Meter/ Service	Billing
Supply/ Treatment	WB	\$ 2,952,520	\$ 2,922,995	\$ -	\$ 29,525	\$ -	\$ -
Transmission & Distribution	TD	1,810,577	846,321	617,455	346,801	-	-
T&D - IFR	TD-IFR	1,633,942	763,757	870,186	-	-	-
Pumping/ Storage	PS	190,388	190,143	158	87	-	-
Meter/ Service	MS	266,146	-	-	-	266,146	-
Billing Collection	BC	241,075	-	-	-	-	241,075
Direct Fire	FP	201,680	-	-	201,680	-	-
	<i>Sub-total</i>	7,296,328	4,723,215	1,487,799	578,093	266,146	241,075
General/ Administration	GA	1,115,948	722,399	227,554	88,417	40,706	36,872
	<i>Total</i>	8,412,276	5,445,615	1,715,353	666,510	306,852	277,947

Explanation of Symbols Used to Allocate to Rate Schedule Elements
Woonsocket Water Division

Schedule DGB-4A

Explanation	Allocator	Wholesale/ Base	Retail Only	Fire Protection	Meter/ Service	Billing	Total
99% To Wholesale/Base element and 1% to Fire Protection	WB	99.00%	0.00%	1.00%	0.00%	0.00%	100.00%
Allocation based on service mains-- SEE SCHEDULE DGB-4B	TD	46.74%	34.10%	19.15%	0.00%	0.00%	100.00%
Allocation based on service mains-- SEE SCHEDULE DGB-4B	TD-IFR	46.74%	53.26%	0.00%	0.00%	0.00%	100.00%
Allocation based on Pumping Stations-- SEE SCHEDULE DGB-4C	PS	99.87%	0.08%	0.05%	0.00%	0.00%	100.00%
100% Metering and Customer service Pipes	MS	0.00%	0.00%	0.00%	100.00%	0.00%	100.00%
100% Billing and collection	BC	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
100% Direct Fire	FP	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
Applied to Operating Revenue In proportion to all other expenses --- SEE SCHEDULE DGB-4C	GA	64.73%	20.39%	7.92%	3.65%	3.30%	100.00%

Development of Allocation Symbols TD & TD-IFR

Schedule DGB-4B

Woonsocket Water Division

Inch-Feet of Pipe	In-Ft	%	Allocator	Wholesale/ Base	Retail Only	Fire Protection	Meter/ Service	Billing
Transmission	3,186,696	47.22%	WB	46.74%	0.00%	0.47%	0.00%	0.00%
Distribution	3,562,586	52.78%	*	0.00%	34.10%	18.68%	0.00%	0.00%
TOTAL	6,749,282.3	100.00%		46.74%	34.10%	19.15%	0.00%	0.00%
			TD	46.74%	34.10%	19.15%	0.00%	0.00%

Inch-Feet of Pipe	In-Ft	%	Allocator	Wholesale/ Base	Retail Only	Fire Protection	Meter/ Service	Billing
Transmission	3,186,696	47.22%	**	46.74%	0.00%	0.00%	0.00%	0.00%
Distribution	3,562,586	52.78%	**	0.00%	53.26%	0.00%	0.00%	0.00%
TOTAL	6,749,282.3	100.00%		46.74%	53.26%	0.00%	0.00%	0.00%
			TD-IFR	46.74%	53.26%	0.00%	0.00%	0.00%

* Diamond Hill and Highland provides service to Retail only.

Max Day (Retail)	GPM	Percent
	6389	64.61%
Fire Demand	3500	35.39%
Max Day Plus Fire	9889	100.00%

** Non-Wholesale costs assigned all to retail in order to recover IFR costs

0.00% 64.61% 35.39% 0.00%

Inch-Feet of Pipe

Distribution Size (Inches)	Feet	In-Feet	Transmission Size (Inches)	Feet	In-Feet
1	1,086	1,086	12	119,541	1,434,492
1.25	239	299	14	647	9,058
1.5	568	852	16	12,003	192,048
2	3,926	7,852	18	18,526	333,468
2.5	533	1,333	20	17,581	351,620
3	93	279	24	14,460	347,040
4	11,320	45,280	30	17,299	518,970
6	132,667	796,002			
8	323,803	2,590,424			
10	11,918	119,180			
		<u>3,562,586</u>			<u>3,186,696</u>

Development of Allocation Symbol PS
Woonsocket Water Division

Schedule DGB-4C

Pump Station	MG	%	Allocator	Wholesale/ Base	Retail Only	Fire Protection	Meter/ Service	Billing
Rhodes Ave	29.5	0.04%	*	0.04%	0.00%	0.00%	0.00%	0.00%
Mt. St. Charles	75,200.0	99.83%	*	99.83%	0.00%	0.00%	0.00%	0.00%
Diamond Hill	81.2	0.11%	**	0.00%	0.07%	0.04%	0.00%	0.00%
Highland Indust. Park	15.7	0.02%	**	0.00%	0.01%	0.01%	0.00%	0.00%
TOTAL	75,326.4	100.00%		99.87%	0.08%	0.05%	0.00%	0.00%
			PS	99.87%	0.08%	0.05%	0.00%	0.00%

* Rhodes Ave. and Mount St. Charles provides service to wholesale/base. 100.00% 0.00% 0.00% 0.00% 0.00%

** Diamond Hill and Highland provides service to Retail only. 0.00% 64.61% 35.39% 0.00% 0.00%

	GPM	Percent
Max Day (Retail)	6389	64.61%
Fire Demand	3500	35.39%
Max Day Plus Fire	9889	100.00%

Development of Allocation Symbol GA
Woonsocket Water Division

Schedule DGB-4D

TOTAL NON-GENERAL & ADMIN COSTS - Obtained from schedule DGB-4

Wholesale/ Base	\$ 4,723,215	64.73%
Retail	1,487,799	20.39%
Fire Protection	578,093	7.92%
Meter/ Service	266,146	3.65%
Billing	<u>241,075</u>	3.30%
 Total	 <u>\$ 7,296,328</u>	 <u>100.00%</u>

Units of Service
Woonsocket Water Division

Water Use Data

	Million Gallons	100 Cu Ft
Total Production (mg)	1,430.600	1,912,567
Wholesale Sales (mg)	62.050	82,955
Retal Sales		
Test Year	1,187.845	1,588,028
Adjustments	-	-
Rate Year	<u>1,187.845</u>	<u>1,588,028</u>

Meters By Size

Meter Size	Total Accounts	Equivalency Ratio	Meter Equivalency
5/8	8,494	1.00	8,494
3/4	275	1.42	391
1	357	1.76	628
1 1/2	65	3.26	212
2	128	4.58	586
3	7	6.30	44
4	14	9.58	134
6	18	16.90	304
8	15	29.56	443
10	1	42.40	42
	<u>9,374</u>		<u>11,278</u>

Number of Bills

	Total
Retal Sales	
Quarterly Bills	37,496
Semiannual Bills	-
Private Fire	700
Public Fire	9
Total Billing	<u>38,205</u>

Units of Service
Woonsocket Water Division

Fire Service Data

Public Fire Hydrants

Size	Total Accounts
4	30
6	1,535
	<u>1,565</u>

Private Sprinklers

Size	Total Accounts	Equivalency Ratio	* Equivalency
2	9	4.58	41
3	5	6.30	32
4	49	9.58	469
6	89	16.88	1,502
8	19	29.56	562
10	4	42.40	170
	<u>175</u>		<u>2,775</u>

* Equivalentents based on meter equivalentents

Determination of Water Rates
Woonsocket Water Division

Schedule DGB-6

Wholesale Water Rate

Retail Sales	1,188
Wholesale Sales	62
Total Sales	1,250
Plus Unbilled & unacctd for	138
Total Production *	1,388
Wholesale Sales	62
Wholesale Percentage	4.47%

* reduced by 3% for estimated loss

Wholesale/ Base Costs	\$ 5,445,615
Wholesale Percentage	x 4.47%
Net Required Wholesale	243,500

Net Required Wholesale	\$ 243,500	
Wholesale Sales	62	
Rate per 1000 gallons	\$ 3.92	\$ 3,924.25

Rate per 1,000,000 gallons

Retail Water Rate

Wholesale/ Base Costs	\$ 5,445,615
Retail Costs	1,715,353
Subtotal	7,160,967
Less:	
Net Required Wholesale	243,500
Net Required Retail	\$ 6,917,467

Net Required Retail	\$ 6,917,467	
Retail Sales	1,188	1,588,028
Rate per 1000 gallons	\$ 5.82	\$ 4.37

Rate per 100 Cubic Feet

Determination of Fire Protection Charges
Woonsocket Water Division

Schedule DGB-7

Fire Protection Costs \$ 666,510

Public Fire Hydrants

Size	Total Accounts	Demand Factor	Number of Equivalents	Percentage of Demand	Allocated Rev. Require.
4	30	38.32	1,150		
6	1,535	111.31	170,861		
	<u>1,565</u>		<u>172,010</u>	90.5%	\$ 602,916

Private Sprinklers

Size	Total Accounts	Demand Factor	Number of Equivalents	Percentage of Demand	Allocated Rev. Require.
2	9	6.19	56		
3	5	17.98	90		
4	49	38.32	1,878		
6	89	111.31	9,907		
8	19	237.21	4,507		
10	4	426.58	1,706		
	<u>175</u>		<u>18,143</u>	9.5%	\$ 63,594

Grand Total	<u>1,740</u>		<u>190,154</u>	100%	\$ 666,510
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Public Fire Charges

Allocated Costs \$ 602,916
No. of Equivalents 172,010
Rate per Equivalent \$ 3.51

Size	Rate per Equivalent	Demand Factor	Charge per Hydrant
4	\$ 3.51	38.32	\$ 134.32
6	\$ 3.51	111.31	\$ 390.15

Plus: \$ 7.28 Per Bill (See Schedule DGB-8)

Private Fire Charges

Allocated Costs \$ 63,594
No. of Equivalents 18,143
Rate per Equivalent \$ 3.51

Size	Rate per Equivalent	Demand Factor	Charge per Service	Billing Charge	Service Charge	Total Charge
2	\$ 3.51	6.19	\$ 21.70	\$ 7.28	\$ 9.99	\$ 38.96
3	\$ 3.51	17.98	63.02	7.28	\$ 13.76	\$ 84.05
4	\$ 3.51	38.32	134.32	7.28	\$ 20.91	\$ 162.50
6	\$ 3.51	111.31	390.15	7.28	\$ 36.90	\$ 434.33
8	\$ 3.51	237.21	831.45	7.28	\$ 64.54	\$ 903.27
10	\$ 3.51	426.58	1,495.21	7.28	\$ 92.58	\$ 1,595.07

Determination of Customer Service Charges
Woonsocket Water Division

Schedule DGB-8

Billing Charges

Billing Charges	\$ 277,947	
No. of Bills	38,205	See Schedule DGB-5
Rate per Bill	<u>\$ 7.28</u>	

Meter/Service Charges

Meter/Service Charges	\$ 306,852
Meter Allocated (90%)	\$ 276,167
No. of EQ. Meters	11,278
Rate per Eq. Meter/Yr	<u>\$ 24.49</u>
Service Allocated (10%)	\$ 30,685
No. of EQ. Services (11,278+2,775)	14,053
Rate per Eq. Service/Yr	<u>\$ 2.18</u>

Size	Rate per Equivalent	Meter Charge	Service Charge	Total Meter/Service Charge
5/8	1.00	\$ 24.49	\$ 2.18	\$ 26.67
3/4	1.42	\$ 34.77	\$ 3.10	\$ 37.87
1	1.76	\$ 43.05	\$ 3.84	\$ 46.89
1 1/2	3.26	\$ 79.83	\$ 7.12	\$ 86.95
2	4.58	\$ 112.03	\$ 9.99	\$ 122.02
3	6.30	\$ 154.27	\$ 13.76	\$ 168.03
4	9.58	\$ 234.49	\$ 20.91	\$ 255.40
6	16.90	\$ 413.84	\$ 36.90	\$ 450.74
8	29.56	\$ 723.86	\$ 64.54	\$ 788.40
10	42.40	\$ 1,038.28	\$ 92.58	\$ 1,130.86

Total Service Charges per Quarter

Size	Meter/Service Charge	Billing Charge	Total Meter/Service Charge
5/8	\$ 6.67	\$ 7.28	\$ 13.94
3/4	\$ 9.47	\$ 7.28	\$ 16.74
1	\$ 11.72	\$ 7.28	\$ 19.00
1 1/2	\$ 21.74	\$ 7.28	\$ 29.01
2	\$ 30.51	\$ 7.28	\$ 37.78
3	\$ 42.01	\$ 7.28	\$ 49.28
4	\$ 63.85	\$ 7.28	\$ 71.13
6	\$ 112.69	\$ 7.28	\$ 119.96
8	\$ 197.10	\$ 7.28	\$ 204.38
10	\$ 282.72	\$ 7.28	\$ 289.99

Comparison of Existing and Proposed Rates & Charges
Woonsocket Water Division

Schedule DGB-9

		Current	Proposed	% Increase
<u><i>Public Fire Protection</i></u>				
4	Inch	\$ 110.82	\$ 134.32	21.20%
6	Inch	\$ 321.91	\$ 390.15	21.20%
	Per Bill	\$ 14.00	\$ 7.28	-48.03%
<u><i>Private Fire Protection</i></u>				
2	Inch	\$ 40.72	\$ 38.96	-4.32%
3	Inch	\$ 78.20	\$ 84.05	7.48%
4	Inch	\$ 143.30	\$ 162.50	13.40%
6	Inch	\$ 368.44	\$ 434.33	17.88%
8	Inch	\$ 756.98	\$ 903.27	19.33%
10	Inch	\$ 1,329.48	\$ 1,595.07	19.98%
<u><i>Minimum Service Charge</i></u>				
5/8	Inch	\$ 19.88	\$ 13.94	-29.86%
3/4	Inch	\$ 22.34	\$ 16.74	-25.05%
1	Inch	\$ 24.33	\$ 19.00	-21.92%
1 1/2	Inch	\$ 33.14	\$ 29.01	-12.46%
2	Inch	\$ 40.88	\$ 37.78	-7.58%
3	Inch	\$ 51.16	\$ 49.28	-3.67%
4	Inch	\$ 70.35	\$ 71.13	1.10%
6	Inch	\$ 113.17	\$ 119.96	6.00%
8	Inch	\$ 187.70	\$ 204.38	8.88%
10	Inch	\$ 263.41	\$ 289.99	10.09%
<u><i>Metered Rates</i></u>				
Wholesale	Rate per 1,000,000 gallons	\$ 3,207.19	\$ 3,924.25	22.36%
Retail	Rate per 100 Cubic Feet	\$ 3.24	\$ 4.37	34.75%

Proof of Revenues
Woonsocket Water Division

Schedule DGB-10

		Count or Usage	Rate	Current Revenue	Proposed Revenue	Dollar Increase
<u><i>Public Fire Protection</i></u>						
4	Inch	30	\$ 134.32	\$ 3,325	\$ 4,029	\$ 705
6	Inch	1,535	\$ 390.15	\$ 494,132	\$ 598,887	\$ 104,755
	Per Bill	9	\$ 7.28	\$ 126	\$ 65	\$ (61)
				<u>\$ 497,582</u>	<u>\$ 602,981</u>	<u>\$ 105,399</u>
<u><i>Private Fire Protection</i></u>						
2	Inch	9	\$ 38.96	\$ 366	\$ 351	\$ (16)
3	Inch	5	\$ 84.05	\$ 391	\$ 420	\$ 29
4	Inch	49	\$ 162.50	\$ 7,022	\$ 7,963	\$ 941
6	Inch	89	\$ 434.33	\$ 32,791	\$ 38,655	\$ 5,864
8	Inch	19	\$ 903.27	\$ 14,383	\$ 17,162	\$ 2,779
10	Inch	4	\$ 1,595.07	\$ 5,318	\$ 6,380	\$ 1,062
				<u>\$ 60,271</u>	<u>\$ 70,931</u>	<u>\$ 10,660</u>
<u><i>Minimum Service Charge</i></u>						
5/8	Inch	33,976	\$ 13.94	\$ 675,443	\$ 473,726	\$ (201,717)
3/4	Inch	1,100	\$ 16.74	\$ 24,574	\$ 18,418	\$ (6,156)
1	Inch	1,428	\$ 19.00	\$ 34,743	\$ 27,128	\$ (7,615)
1 1/2	Inch	260	\$ 29.01	\$ 8,616	\$ 7,543	\$ (1,073)
2	Inch	512	\$ 37.78	\$ 20,931	\$ 19,344	\$ (1,587)
3	Inch	28	\$ 49.28	\$ 1,432	\$ 1,380	\$ (53)
4	Inch	56	\$ 71.13	\$ 3,940	\$ 3,983	\$ 43
6	Inch	72	\$ 119.96	\$ 8,148	\$ 8,637	\$ 489
8	Inch	60	\$ 204.38	\$ 11,262	\$ 12,263	\$ 1,001
10	Inch	4	\$ 289.99	\$ 1,054	\$ 1,160	\$ 106
				<u>\$ 790,143</u>	<u>\$ 573,581</u>	<u>\$ (216,562)</u>
<u><i>Metered Rates</i></u>						
Wholesale	Rate per 1,000,000 gallons	62	\$ 3,924.25	\$ 199,006	\$ 243,500	\$ 44,494
Retail	Rate per 100 Cubic Feet	1,588,028	\$ 4.37	\$ 5,145,211	\$ 6,933,309	\$ 1,788,098
				<u>\$ 5,344,217</u>	<u>\$ 7,176,809</u>	<u>\$ 1,832,592</u>
Total Rates and Charges				\$ 6,692,213	\$ 8,424,302	\$ 1,732,089
Misc Revenue				\$ 215,581	\$ 215,581	\$ -
Total Revenue				\$ 6,907,794	\$ 8,639,883	\$ 1,732,089
Revenue Required					8,623,437	
Variance					\$ 16,446	0.19%

Impact of Proposed Rates
Woonsocket Water Division

Schedule DGB-11

			Current Revenue	Proposed Revenue	Dollar Increase	% Increase
5/8	Inch Meter	7,000 cu ft/yr	\$ 306.32	\$ 361.39	\$ 55	17.98%
5/8	Inch Meter	10,000 cu ft/yr	\$ 403.52	\$ 492.35	\$ 89	22.01%
5/8	Inch Meter	20,000 cu ft/yr	\$ 727.52	\$ 928.97	\$ 201	27.69%
1	Inch Meter	50,000 cu ft/yr	\$ 1,717.32	\$ 2,258.98	\$ 542	31.54%
4	Inch Meter	500,000 cu ft/yr	\$ 16,481.40	\$ 22,114.44	\$ 5,633	34.18%
6	Inch Meter	1,000,000 cu ft/yr	\$ 32,852.68	\$ 44,139.71	\$ 11,287	34.36%
Wholesale			\$ 199,006.14	\$ 243,499.88	\$ 44,494	22.36%