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\*ADMITTED TO PRACTICE IN  
RHODE ISLAND & MASSACHUSETTS

January 6, 2011

Ms. Luly Massaro, Clerk  
Public Utilities Commission  
89 Jefferson Boulevard  
Warwick, RI 02888

**RE: Pawtucket Water Supply Board – Docket 4171**

Dear Ms. Massaro:

Enclosed herewith please find an original and 9 copies of the Pawtucket Water Supply Board's compliance filing in the above captioned docket. I am enclosing the Compliance Schedules as well as the proposed revised Tariffs. These documents are being submitted pursuant to Rule 2.11 of the Rhode Island Public Utilities Commission's Rules of Practice and Procedure. An electronic copy of this filing has been provided to the service list.

Please have this matter scheduled for the Commission's next available open meeting so that the Pawtucket Water Supply Board can begin implementing the new rates.

Thank you for your attention to this matter.

Sincerely,



Joseph A. Keough, Jr.

JAK/kf  
Enclosures

**TEST YEAR & RATE YEAR EXPENSES**

<b>Expense Item</b>	Test Year <u>FY 2009</u>	Summary of <u>Adjustments</u>	Rate Year <u>CY 2011</u>	<----- Adjustments Detail ----->		
				Labor & Related Items	Other Adjustments	Supporting Schedule
<b>ADMINISTRATION</b>						
Salaries & Wages - (601)	\$663,308	\$28,933	\$692,241	\$28,933	\$0	R. Benson
Salaries & Wages - Payroll Taxes	\$46,207	-\$36,363	\$9,844	-\$36,363	\$0	R. Benson
Employee Pensions & Benefits (604)	\$397,790	-\$158,118	\$239,672	-\$158,118	\$0	R. Benson
Workers Comp	\$0	\$8,768	\$8,768	\$8,768	\$0	R. Benson
Materials and Supplies (Account 620)	\$35,904	\$2,272	\$38,176	\$0	\$2,272	Sch. 1.1 (i)
Contractual Services - Legal (Account 633)	\$77,487	\$4,902	\$82,389	\$0	\$4,902	Sch. 1.1 (i)
Contractual Services - Mgt. Fees (634) City Chg	\$197,281	-\$25,145	\$172,136	\$0	\$12,482	Decision
Contractual Services - Other (Account 635)	\$8,266	\$523	\$8,789	\$0	\$523	Sch. 1.1 (i)
Rental of Equipment (Account 642)	\$7,128	\$451	\$7,579	\$0	\$451	Sch. 1.1 (i)
Transportation Expenses (Account 650)	\$15,749	\$996	\$16,745	\$0	\$996	Sch. 1.1 (i)
Insurance - General Liability (Account 657)	\$192,883	\$12,203	\$205,086	\$0	\$12,203	Sch. 1.1 (i)
Insurance - Worker's Compensation (658)	\$14,600	\$924	\$15,524	\$0	\$924	Sch. 1.1 (i)
Insurance - Other (Account 659)	\$14,740	\$933	\$15,673	\$0	\$933	Sch. 1.1 (i)
Regulatory Com Expense - Other (667)	\$52,222	\$3,304	\$55,526	\$0	\$3,304	Sch. 1.1
Reg Com Exp - Amort of Rate Case Exp (666)	\$177,737	-\$77,737	\$100,000	\$0	-\$77,737	Sch. 1.1
Miscellaneous Expense (Account 675)	\$38,319	\$2,424	\$40,743	\$0	\$2,424	Sch. 1.1 (i)
Other -pba fees	\$0	\$0	\$0	\$0	\$0	Sch. 1.1 (i)
Education Training	\$4,879	\$309	\$5,188	\$0	\$309	Sch. 1.1 (i)
Maint of Misc Plant	\$30,215	\$1,912	\$32,127	\$0	\$1,912	Sch. 1.1 (i)
Purchased Power	\$50,521	\$1,066	\$51,587	\$0	\$1,066	Sch. 1.1
Other Utilities	\$47,487	\$3,004	\$50,491	\$0	\$3,004	Sch. 1.1 (i)
Printing	\$9,140	\$578	\$9,718	\$0	\$578	Sch. 1.1 (i)
Postage	\$7,288	\$461	\$7,749	\$0	\$461	Sch. 1.1 (i)
Subtotal - Admin	\$2,089,151	-\$223,400	\$1,865,751	-\$156,780	-\$28,993	
<b>CUSTOMER ACCOUNTS</b>						
Salary & Wages - Cust Ser	\$166,842	\$29,978	\$196,820	\$29,978	\$0	R. Benson
Salary & Wages - Meter	\$383,635	-\$2,864	\$380,771	-\$2,864	\$0	R. Benson
Salary & Wages Payroll Tx(CS)	\$12,456	-\$9,667	\$2,789	-\$9,667	\$0	R. Benson
Salary & Wages Payroll Tx (Meters)	\$29,310	-\$23,952	\$5,358	-\$23,952	\$0	R. Benson
Empl Pensions & Benefits (Cust Ser)	\$53,516	\$24,093	\$77,609	\$24,093	\$0	R. Benson
Empl Pensions & Benefits (Meters)	\$175,506	-\$9,374	\$166,132	-\$9,374	\$0	R. Benson
Matls & Supp (Cust Serv)	\$2,446	\$155	\$2,601	\$0	\$155	Sch. 1.1 (i)
Matls & Supp (Meters)	\$6,990	\$442	\$7,432	\$0	\$442	Sch. 1.1 (i)
Contractual Services - Other - [Cust. Svc.] (Account 63)	\$15,278	\$967	\$16,245	\$0	\$967	Sch. 1.1 (i)
Rental of Equipment (Account 642)	\$498	\$32	\$530	\$0	\$32	Sch. 1.1 (i)
Workers Comp - Cust Serv	\$1,040	-\$137	\$903	-\$137	\$0	R. Benson
Workers Comp - Meters	\$0	\$21,658	\$21,658	\$21,658	\$0	R. Benson
Transportation Expenses - [Cust svc.] (Account 650)	\$3,808	\$241	\$4,049	\$0	\$241	Sch. 1.1 (i)
Transportation Expenses - [Meter] (Account 650)	\$9,004	\$570	\$9,574	\$0	\$570	Sch. 1.1 (i)
Bad Debt Expense (Account 670)	\$6,885	\$436	\$7,321	\$0	\$436	Sch. 1.1 (i)
Miscellaneous Expense - [Cust. Svc.] (Account 675)	\$306	\$19	\$325	\$0	\$19	Sch. 1.1 (i)
Miscellaneous Expense - [Meter] (Account 675)	\$641	\$41	\$682	\$0	\$41	Sch. 1.1 (i)
Education Training - [Cust. Svc.]	\$2,029	\$128	\$2,157	\$0	\$128	Sch. 1.1 (i)
Education Training - [Meter]	\$590	\$37	\$627	\$0	\$37	Sch. 1.1 (i)
Repairs & Maintenance - general	\$89	\$6	\$95	\$0	\$6	Sch. 1.1 (i)
Repairs & Maintenance - meters	\$0	\$0	\$0	\$0	\$0	Sch. 1.1 (i)
Other Utilities - [Cust. Svc.]	\$2,479	\$157	\$2,636	\$0	\$157	Sch. 1.1 (i)
Other Utilities - [Meter]	\$4,491	\$284	\$4,775	\$0	\$284	Sch. 1.1 (i)
Printing - [Cust. Svc.]	\$21,141	\$42,282	\$63,423	\$0	\$42,282	Sch. 1.1
Printing - [Meter]	\$0	\$0	\$0	\$0	\$0	Sch. 1.1 (i)
Postage--[Cust. Svc.]	\$33,593	\$67,186	\$100,779	\$0	\$67,186	Sch. 1.1
Subtotal - Customer Accts	\$932,573	\$142,716	\$1,075,289	\$29,735	\$112,982	

**TEST YEAR & RATE YEAR EXPENSES**

<b><u>Expense Item</u></b>	Test Year FY 2009	Summary of Adjustments	Rate Year CY 2011	<----- Adjustments Detail ----->		
				Labor Increase	Other Adjustments	Supporting Schedule
<b><u>SOURCE OF SUPPLY</u></b>						
Salaries & Wages - (601)	\$119,412	-\$5,508	\$113,904	-\$5,508	\$0	R. Benson
Salaries & Wages - Payroll Taxes	\$13,001	-\$11,393	\$1,608	-\$11,393	\$0	R. Benson
Employee Pensions & Benefits (604)	\$41,938	\$8,178	\$50,116	\$8,178	\$0	R. Benson
Workers Comp	\$0	\$8,767	\$8,767	\$8,767	\$0	R. Benson
Purchased Power (Account 615)	\$24,682	\$79	\$24,761	\$0	\$79	Sch. 1.1
Materials and Supplies (Account 620)	\$2,328	\$147	\$2,475	\$0	\$147	Sch. 1.1 (i)
Transportation Expenses (Account 650)	\$3,960	\$251	\$4,211	\$0	\$251	Sch. 1.1 (i)
Miscellaneous Expense (Account 675)	\$706	\$45	\$751	\$0	\$45	Sch. 1.1 (i)
Security Service	\$80,815	\$5,113	\$85,928	\$0	\$5,113	Sch. 1.1 (i)
Education Training	\$512	\$32	\$544	\$0	\$32	Sch. 1.1 (i)
Maint of Misc Plant	\$73,043	\$4,621	\$77,664	\$0	\$4,621	Sch. 1.1 (i)
Other Utilities	\$2,438	\$154	\$2,592	\$0	\$154	Sch. 1.1 (i)
Subtotal - Supply	\$362,835	\$10,488	\$373,323	\$45	\$10,443	
<b><u>PURIFICATION</u></b>						
DBO O&M Contract	\$1,401,732	\$348,195	\$1,749,927	\$0	\$348,195	Sch. 1.1
Purchased Power (Account 615)	\$997,736	\$17,295	\$1,015,031	\$0	\$17,295	Sch. 1.1
Other Utilities	\$8,172	\$0	\$8,172	\$0	\$0	
Subtotal - Purification	\$2,407,640	\$365,490	\$2,773,130	\$0	\$365,490	

**TEST YEAR & RATE YEAR EXPENSES**

<b>Expense Item</b>	Test Year FY 2009	Summary of Adjustments	Rate Year CY 2011	<----- Adjustments Detail ----->		
				Labor Increase	Other Adjustments	Supporting Schedule
<b>TRANSMISSION &amp; DISTRIBUTION</b>						
Salaries & Wages - (601)	\$913,732	-\$33,088	\$880,644	\$45,718	\$0	Decision
Salaries & Wages -[Engineering] (601)	\$346,035	\$78,906	\$424,941	\$78,906	\$0	R. Benson
Salaries & Wages - Payroll Taxes -	\$66,292	-\$58,539	\$7,753	-\$52,739	\$0	Decision
Salaries & Wages - Payroll Taxes - [Engineering]	\$28,572	-\$22,541	\$6,031	-\$22,541	\$0	R. Benson
Salaries & Wages - Police Details	\$44,220	\$2,798	\$47,018	\$0	\$2,798	Sch. 1.1 (i)
Employee Pensions & Benefits - (604)	\$363,438	-\$28,448	\$334,990	\$18,140	\$0	Decision
Employee Pensions & Benefits - [Engineering] (604)	\$118,824	\$35,366	\$154,190	\$35,366	\$0	R. Benson
Materials and Supplies - (Account 620)	\$36,005	\$2,278	\$38,283	\$0	\$2,278	Sch. 1.1 (i)
Materials and Supplies - [Engineering] (Account 620)	\$17,196	\$1,088	\$18,284	\$0	\$1,088	Sch. 1.1 (i)
Rental of Equipment (Account 642)	\$2,766	\$175	\$2,941	\$0	\$175	Sch. 1.1 (i)
Rental of Equipment - [Engineering] (Account 642)	\$680	\$43	\$723	\$0	\$43	Sch. 1.1 (i)
Transportation Expenses - (Account 650)	\$36,695	\$2,322	\$39,017	\$0	\$2,322	Sch. 1.1 (i)
Transportation Expenses - [Engineering](Account 650)	\$8,090	\$512	\$8,602	\$0	\$512	Sch. 1.1 (i)
Workers Comp T&D	\$91,583	-\$23,787	\$67,796	-\$23,787	\$0	R. Benson
Workers Comp - Engineering	\$782	\$20,798	\$21,580	\$20,798	\$0	R. Benson
Miscellaneous Expense - (Account 675)	\$10,239	\$648	\$10,887	\$0	\$648	Sch. 1.1 (i)
Miscellaneous Expense - [Engineering] (Account 675)	\$390	\$25	\$415	\$0	\$25	Sch. 1.1 (i)
Education Training	\$1,698	\$107	\$1,805	\$0	\$107	Sch. 1.1 (i)
Education Training - [Engineering]	\$602	\$38	\$640	\$0	\$38	Sch. 1.1 (i)
Repairs & Maintenance - general	\$3,180	\$201	\$3,381	\$0	\$201	Sch. 1.1 (i)
Repairs & Maintenance - T&D	\$15,227	\$963	\$16,190	\$0	\$963	Sch. 1.1 (i)
Repairs & Maintenance - fire services	\$2,429	\$154	\$2,583	\$0	\$154	Sch. 1.1 (i)
Repairs & Maintenance - services	\$11,723	\$742	\$12,465	\$0	\$742	Sch. 1.1 (i)
Repairs & Maintenance - Hydrants	\$8,428	\$533	\$8,961	\$0	\$533	Sch. 1.1 (i)
Road surface restoration	\$0	\$0	\$0	\$0	\$0	Sch. 1.1 (i)
Repairs & Maintenance - general	\$0	\$0	\$0	\$0	\$0	Sch. 1.1 (i)
Purchased Power	\$17,551	\$429	\$17,980	\$0	\$429	Sch. 1.1
Other Utilities	\$14,756	\$934	\$15,690	\$0	\$934	Sch. 1.1 (i)
Other Utilities - [Engineering]	\$6,378	\$404	\$6,782	\$0	\$404	Sch. 1.1 (i)
Printing	\$0	\$0	\$0	\$0	\$0	Sch. 1.1 (i)
Postage--[Engineering]	\$750	\$47	\$797	\$0	\$47	Sch. 1.1 (i)
Subtotal - T&D	\$2,168,261	-\$16,894	\$2,151,367	\$99,861	\$14,440	

**TEST YEAR & RATE YEAR EXPENSES**

<b>Expense Item</b>	Test Year FY 2009	Summary of Adjustments	Rate Year CY 2011	Adjustments Detail		Supporting Schedule
				Labor Increase	Other Adjustments	
<b>CAPITAL EXPENSE</b>						
Property Taxes						
Source of Supply	\$413,892	\$31,746	\$445,638	\$0	\$31,746	Sch. 1.1
Treatment-Pumping	\$0	\$0	\$0	\$0	\$0	Sch. 1.1
Treatment-Purification	\$86,449	\$6,631	\$93,080	\$0	\$6,631	Sch. 1.1
Trans & Distrib	\$295,830	\$22,690	\$318,521	\$0	\$22,690	Sch. 1.1
Rental Property	\$0	\$0	\$0	\$0	\$0	Sch. 1.1
Restrict. Bond Principal & Interest	\$6,688,543	\$721,311	\$7,409,854	\$0	\$721,311	Sch. 1.1
Leases	\$149,781	-\$149,781	\$0	\$0	-\$149,781	Sch. 1.1
IFR	\$3,100,000	-\$600,000	\$2,500,000	\$0	-\$600,000	Sch. 1.1
CF Franchise Fee	\$0	\$0	\$0	\$0	\$0	Sch. 1.1
Calgon Royalties Fund	\$0	\$0	\$0	\$0	\$0	Sch. 1.1
CF System Fund	\$0	\$0	\$0	\$0	\$0	included T&D
Trustee Fees	\$273,894	\$107,324	\$381,218	\$0	\$107,324	Sch. 1.1
O&M Reserve Deposit	\$0	\$0	\$0	\$0	\$0	Sch. 1.1
Subtotal - Capital	<u>\$11,008,389</u>	<u>\$139,921</u>	<u>\$11,148,309</u>	<u>\$0</u>	<u>\$139,921</u>	
TOTAL EXPENSES	\$18,968,849	\$418,321	\$19,387,170	-\$27,140	\$614,282	
PLUS: Rev. Stabiliz./Oper. Rev. Allowance	\$0	\$285,698	\$285,698			Sch. 1.1
LESS: Service Instal Revenue	-\$67,479	\$0	-\$67,479			Decision
LESS: State Surcharge Revenue	-\$50,602	\$822	-\$49,780		\$822	Sch. 1.1
LESS: Penalties	-\$104,415	-\$64,107	-\$168,522			Decision
LESS: Cumberland Tax Reduction	-\$200,000	\$200,000	\$0		\$200,000	Sch. 1.1
LESS: Non-Operating Rental	-\$22,065	\$0	-\$22,065			see DGB-1
LESS: Interest Income	-\$253	\$0	-\$253			see DGB-1
LESS: Misc Non-Operating	-\$31,537	\$0	-\$31,537			see DGB-2
LESS: Gain/Loss Disposal Property	-\$987	\$0	-\$987			see DGB-3
REQUIRED FROM RATES	\$18,491,511	\$840,734	\$19,332,245	-\$27,140	\$815,104	

**UNITS OF SERVICE**

**METERS**

<u>Meter Size</u>	<u>Test Year</u>		<u>Rate Year</u>		<u>Total</u>	<u>Equiv Factor</u>	<u># of Equivs</u>
	<u>Quarterly</u>	<u>Monthly</u>	<u>Quarterly</u>	<u>Monthly</u>			
5/8	21,516	11	0	21,527	21,527	1.00	21,527
3/4	255	4	0	259	259	1.39	359
1	487	11	0	498	498	2.00	996
1 1/2	222	5	0	227	227	4.07	924
2	356	43	0	399	399	5.29	2,109
3	12	12	0	24	24	6.00	144
4	6	6	0	12	12	14.00	168
6	1	5	0	6	6	21.00	126
8	0	0	0	0	0	30.00	0
Totals	22,855	97	0	22,952	22,952		26,353

**PUBLIC FIRE HYDRANTS**

	<u>Test Year</u>	<u>Adjustments</u>	<u>Rate Year</u>
Pawtucket	1,515	-2	1,513
Central Falls	202	0	202
Valley Falls & Attleboro	199	1	200
Totals	1,916	-1	1,915

**PRIVATE FIRE SERVICE**

<u>Size</u>	<u>Test Year</u>	<u>Adjustments</u>	<u>Rate Year</u>	<u>Equiv Factor *</u>	<u># of Equivs</u>
2	26	2	28	4.07	114
4	49	6	55	6.00	330
6	392	13	405	14.00	5,670
8	90	-1	89	21.00	1,869
10	4	-1	3	21.00	63
12	2	0	2	21.00	42
Total	563	19	582		8,088

\* one size down to equate to meter equivalent

**UNITS OF SERVICE**

**METERED WATER USE (ccf/year)**

<u>Class</u>	<u>Test Year</u>	<u>Filed RY</u>	<u>Rate Year</u>
Small (5/8 - 1")	2,773,813	2,564,588	2,669,201
Medium (1.5 - 2" & By pass)	640,780	601,855	621,318
Large (3" and up)	<u>265,983</u>	<u>223,894</u>	<u>244,938</u>
Total	3,680,576	3,390,337	3,535,457
Wholesale			
Cumberland	578,899	559,457	569,178
Seekonk	<u>0</u>	<u>0</u>	<u>0</u>
Total	578,899	559,457	569,178

**Miles of Mains**

<u>Size</u>	<u>Miles</u>		<u>Inch-Miles</u>	
Service Pipes	204.31			
2	0.84		1.7	
4	1.42		5.7	
6	106.47		638.8	
8	83.01		664.1	
10	1.61		16.1	
12	49.78	95.7%	597.4	82.1%
16	4.24		67.8	
20	9.13		182.6	
24	6.16		147.8	
30	0.10		3.0	
36	<u>0.53</u>	4.3%	<u>19.1</u>	17.9%
Totals	467.60		2,344	

**Historic and Projected Water Sales (hcf/year)**

**Cycles 1-6 & 12 Residential**

	<b>Actual</b>							<b>Projected*</b>			
	<b>FY 2004</b>	<b>FY 2005</b>	<b>FY 2006</b>	<b>FY 2007</b>	<b>FY 2008</b>	<b>FY 2009</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>CY 2011</b>	<b>AVG</b>
Small (5/8 - 1")	2,991,934	2,991,054	2,996,684	2,782,513	2,837,162	2,681,400	2,591,161	2,519,385	2,449,598	2,484,491	2,582,946
Medium (1.5" & 2")	98,069	101,848	109,829	104,006	148,091	126,803	116,710	121,982	127,493	124,737	125,770
Large (3" and up)	-	-	-	-	1,850	-	2,286	2,286	2,286	2,286	1,143
<b>Subtotal Residential</b>	<b>3,090,003</b>	<b>3,092,902</b>	<b>3,106,513</b>	<b>2,886,519</b>	<b>2,987,103</b>	<b>2,808,203</b>	<b>2,710,157</b>	<b>2,643,653</b>	<b>2,579,376</b>	<b>2,611,515</b>	<b>2,709,859</b>

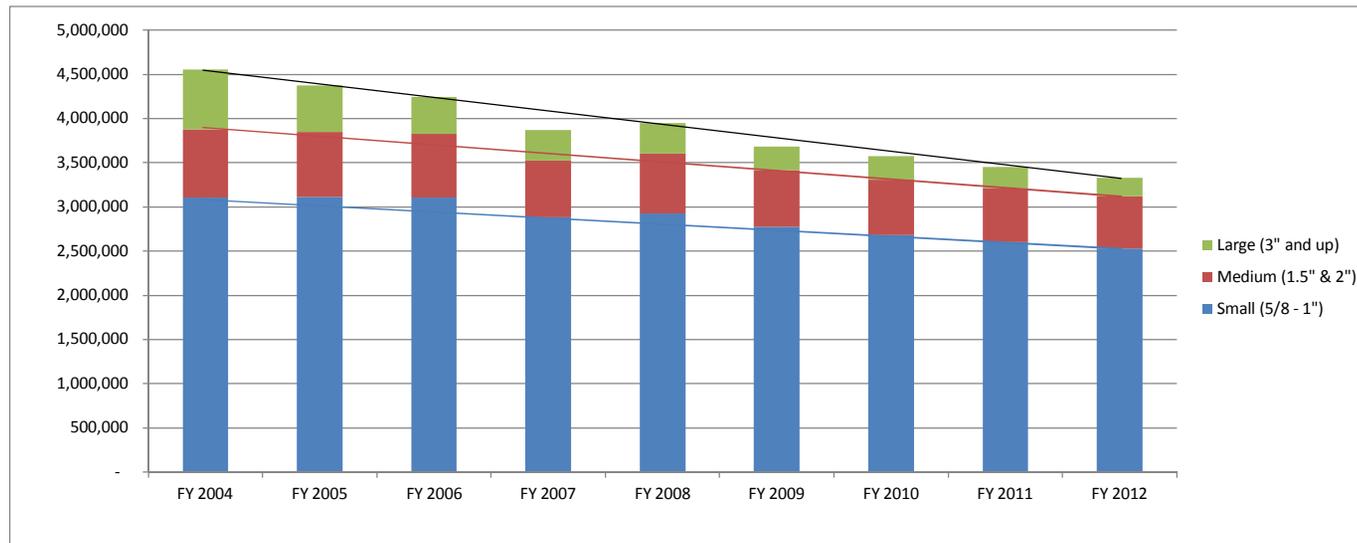
**Cycles 7 & 11 Commercial**

Small (5/8 - 1")	111,715	120,900	107,110	101,363	90,608	92,413	87,916	82,596	77,598	80,097	86,255
Medium (1.5" & 2")	672,576	637,335	616,348	537,269	524,596	513,977	509,359	487,554	466,682	477,118	495,547
Large (3" and up)	677,607	524,493	415,228	343,222	343,905	265,983	267,842	235,736	207,479	221,608	243,795
<b>Subtotal Commercial</b>	<b>1,461,898</b>	<b>1,282,728</b>	<b>1,138,686</b>	<b>981,854</b>	<b>959,109</b>	<b>872,373</b>	<b>865,117</b>	<b>805,886</b>	<b>751,759</b>	<b>778,822</b>	<b>825,598</b>

**Totals**

Small (5/8 - 1")	3,103,649	3,111,954	3,103,794	2,883,876	2,927,770	2,773,813	2,679,077	2,601,981	2,527,196	2,564,588	2,669,201
Medium (1.5" & 2")	770,645	739,183	726,177	641,275	672,687	640,780	626,069	609,536	594,174	601,855	621,318
Large (3" and up)	677,607	524,493	415,228	343,222	345,755	265,983	270,128	238,022	209,765	223,894	244,938
<b>Subtotal Retail</b>	<b>4,551,901</b>	<b>4,375,630</b>	<b>4,245,199</b>	<b>3,868,373</b>	<b>3,946,212</b>	<b>3,680,576</b>	<b>3,575,274</b>	<b>3,449,539</b>	<b>3,331,135</b>	<b>3,390,337</b>	<b>3,535,457</b>

\* Note: Projections for FY 2011 - FY 2012 based on average annual changes from FY 2005 - FY 2010 for each class.



**UNITS OF SERVICE - DEMAND FACTORS**

	<u>BASE</u>		<u>Demand Factor</u>	<u>MAXIMUM DAY</u>		<u>Demand Factor</u>	<u>PEAK HOUR</u>		Equivalent Meters & Services	Bills
	<u>Annual Use ccf/year</u>	<u>Average Day ccf/day</u>		<u>Maximum Day ccf/day</u>	<u>Extra Capacity ccf/day</u>		<u>Maximum Hour ccf/day</u>	<u>Extra Capacity ccf/day</u>		
<u>Inside - Retail</u>										
Small (5/8 - 1")	2,669,201	7,313	2.50	18,282	10,969	3.50	25,595	7,313	22,882	267,408
Medium (1.5 - 2" & By p	621,318	1,702	2.00	3,404	1,702	3.00	5,107	1,702	3,033	7,512
Large (3" and up)	244,938	671	1.80	1,208	537	2.50	1,678	470	438	504
Fire Protection	6,000 gal/min for 6 hours per Docket 3193			2,888	2,888		11,551	8,663		6,984
<u>Wholesale</u>										
Cumberland	569,178	1,559	2.50	3,898	2,339	3.50	5,458	1,559		
Seekonk	0	0	2.50	0	0	3.50	0	0		
Totals	4,104,635	11,246		29,681	18,435		49,388	19,707	26,353	282,408

**ALLOCATION OF RATE YEAR EXPENSES TO COST COMPONENTS**

<b>EXPENSE ITEM</b>	<b>PRO FORMA EXPENSE</b>	<b>ALLOC. SYMBOL (1)</b>	<b>BASE</b>	<b>MAX. DAY</b>	<b>PEAK HOUR</b>	<b>METERING</b>	<b>BILLING</b>	<b>DIRECT FIRE</b>
<b>ADMINISTRATION</b>								
Salaries & Wages - (601)	\$692,241	L-M	\$626,618	\$24,620	\$9,324	\$0	\$0	\$31,678
Salaries & Wages - Payroll Taxes	\$9,844	L-M	\$8,911	\$350	\$133	\$0	\$0	\$451
Employee Pensions & Benefits (604)	\$239,672	L-M	\$216,952	\$8,524	\$3,228	\$0	\$0	\$10,968
Workers Comp	\$8,768	L-M	\$7,937	\$312	\$118	\$0	\$0	\$401
Materials and Supplies (Account 620)	\$38,176	E-M	\$31,004	\$5,941	\$276	\$0	\$0	\$954
Contractual Services - Legal (Account 634)	\$82,389	E-M	\$66,912	\$12,823	\$595	\$0	\$0	\$2,060
Contractual Services - Mgt. Fees (634)	\$172,136	E-M	\$139,798	\$26,790	\$1,244	\$0	\$0	\$4,303
Contractual Services - Other (Account 634)	\$8,789	E-M	\$7,138	\$1,368	\$64	\$0	\$0	\$220
Rental of Equipment (Account 642)	\$7,579	E-M	\$6,155	\$1,180	\$55	\$0	\$0	\$189
Transportation Expenses (Account 650)	\$16,745	E-M	\$13,600	\$2,606	\$121	\$0	\$0	\$419
Insurance - General Liability (Account 659)	\$205,086	E-M	\$166,558	\$31,919	\$1,482	\$0	\$0	\$5,127
Insurance - Worker's Compensation (659)	\$15,524	L-M	\$14,052	\$552	\$209	\$0	\$0	\$710
Insurance - Other (Account 659)	\$15,673	E-M	\$12,728	\$2,439	\$113	\$0	\$0	\$392
Regulatory Com Expense - Other (667)	\$55,526	E-M	\$45,095	\$8,642	\$401	\$0	\$0	\$1,388
Reg Com Exp - Amort of Rate Case Expense	\$100,000	E-M	\$81,214	\$15,564	\$723	\$0	\$0	\$2,500
Miscellaneous Expense (Account 675)	\$40,743	E-M	\$33,089	\$6,341	\$294	\$0	\$0	\$1,019
Other -pba fees	\$0	E-M	\$0	\$0	\$0	\$0	\$0	\$0
Education Training	\$5,188	E-M	\$4,213	\$807	\$37	\$0	\$0	\$130
Maint of Misc Plant	\$32,127	E-M	\$26,091	\$5,000	\$232	\$0	\$0	\$803
Purchased Power	\$51,587	E-M	\$41,895	\$8,029	\$373	\$0	\$0	\$1,290
Other Utilities	\$50,491	E-M	\$41,006	\$7,858	\$365	\$0	\$0	\$1,262
Printing	\$9,718	E-M	\$7,893	\$1,513	\$70	\$0	\$0	\$243
Postage	<u>\$7,749</u>	E-M	\$6,293	\$1,206	\$56	\$0	\$0	\$194
Subtotal - Admin	\$1,865,751		\$1,605,152	\$174,384	\$19,515	\$0	\$0	\$66,701
<b>CUSTOMER ACCOUNTS</b>								
Salary & Wages - Cust Ser	\$196,820	B	\$0	\$0	\$0	\$0	\$196,820	\$0
Salary & Wages - Meter	\$380,771	M	\$0	\$0	\$0	\$261,780	\$118,991	\$0
Salary & Wages Payroll Tx(CS)	\$2,789	B	\$0	\$0	\$0	\$0	\$2,789	\$0
Salary & Wages Payroll Tx (Meters)	\$5,358	M	\$0	\$0	\$0	\$3,684	\$1,674	\$0
Empl Pensions & Benefits (Cust Ser)	\$77,609	B	\$0	\$0	\$0	\$0	\$77,609	\$0
Empl Pensions & Benefits (Meters)	\$166,132	M	\$0	\$0	\$0	\$114,216	\$51,916	\$0
Matls & Supp (Cust Serv)	\$2,601	B	\$0	\$0	\$0	\$0	\$2,601	\$0
Matls & Supp (Meters)	\$7,432	M	\$0	\$0	\$0	\$5,110	\$2,323	\$0
Contractual Services - Other - [Cust. Srvc.]	\$16,245	B	\$0	\$0	\$0	\$0	\$16,245	\$0
Rental of Equipment (Account 642)	\$530	B	\$0	\$0	\$0	\$0	\$530	\$0
Workers Comp - Cust Serv	\$903	B	\$0	\$0	\$0	\$0	\$903	\$0
Workers Comp - Meters	\$21,658	B	\$0	\$0	\$0	\$0	\$21,658	\$0
Transportation Expenses - [Cust srvc.]	\$4,049	B	\$0	\$0	\$0	\$0	\$4,049	\$0
Transportation Expenses - [Meter] (Account 670)	\$9,574	M	\$0	\$0	\$0	\$6,582	\$2,992	\$0
Bad Debt Expense (Account 670)	\$7,321	B	\$0	\$0	\$0	\$0	\$7,321	\$0
Miscellaneous Expense - [Cust. Srvc.]	\$325	B	\$0	\$0	\$0	\$0	\$325	\$0
Miscellaneous Expense - [Meter] (Account 670)	\$682	M	\$0	\$0	\$0	\$469	\$213	\$0
Education Training - [Cust. Srvc.]	\$2,157	B	\$0	\$0	\$0	\$0	\$2,157	\$0
Education Training - [Meter]	\$627	M	\$0	\$0	\$0	\$431	\$196	\$0
Repairs & Maintenance - general	\$95	B	\$0	\$0	\$0	\$0	\$95	\$0
Repairs & Maintenance - meters	\$0	M	\$0	\$0	\$0	\$0	\$0	\$0
Other Utilities - [Cust. Srvc.]	\$2,636	B	\$0	\$0	\$0	\$0	\$2,636	\$0
Other Utilities - [Meter]	\$4,775	M	\$0	\$0	\$0	\$3,283	\$1,492	\$0
Printing - [Cust. Srvc.]	\$63,423	B	\$0	\$0	\$0	\$0	\$63,423	\$0
Printing - [Meter]	\$0	M	\$0	\$0	\$0	\$0	\$0	\$0
Postage--[Cust. Srvc.]	<u>\$100,779</u>	B	\$0	\$0	\$0	\$0	\$100,779	\$0
Subtotal - Customer Accts	\$1,075,289		\$0	\$0	\$0	\$395,554	\$679,735	\$0

**ALLOCATION OF RATE YEAR EXPENSES TO COST COMPONENTS**

<u>EXPENSE ITEM</u>	<u>PRO FORMA</u> <u>EXPENSE</u>	<u>ALLOC.</u> <u>SYMBOL (1)</u>	<u>BASE</u>	<u>MAX. DAY</u>	<u>PEAK HOUR</u>	<u>METERING</u>	<u>BILLING</u>	<u>DIRECT</u>	<u>FIRE</u>
<b><u>SOURCE OF SUPPLY</u></b>									
Salaries & Wages - (601)	\$113,904	A	\$113,904	\$0	\$0	\$0	\$0	\$0	\$0
Salaries & Wages - Payroll Taxes	\$1,608	A	\$1,608	\$0	\$0	\$0	\$0	\$0	\$0
Employee Pensions & Benefits (604)	\$50,116	A	\$50,116	\$0	\$0	\$0	\$0	\$0	\$0
Workers Comp	\$8,767	A	\$8,767	\$0	\$0	\$0	\$0	\$0	\$0
Purchased Power (Account 615)	\$24,761	A	\$24,761	\$0	\$0	\$0	\$0	\$0	\$0
Materials and Supplies (Account 620)	\$2,475	A	\$2,475	\$0	\$0	\$0	\$0	\$0	\$0
Transportation Expenses (Account 650)	\$4,211	A	\$4,211	\$0	\$0	\$0	\$0	\$0	\$0
Miscellaneous Expense (Account 675)	\$751	A	\$751	\$0	\$0	\$0	\$0	\$0	\$0
Security Service	\$85,928	A	\$85,928	\$0	\$0	\$0	\$0	\$0	\$0
Education Training	\$544	A	\$544	\$0	\$0	\$0	\$0	\$0	\$0
Maint of Misc Plant	\$77,664	A	\$77,664	\$0	\$0	\$0	\$0	\$0	\$0
Other Utilities	<u>\$2,592</u>	A	<u>\$2,592</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
Subtotal - Supply	\$373,323		\$373,323	\$0	\$0	\$0	\$0	\$0	\$0
<b><u>PURIFICATION</u></b>									
DBO O&M Contract	\$1,749,927	D	\$879,678	\$870,249	\$0	\$0	\$0	\$0	\$0
Purchased Power (Account 615)	\$1,015,031	A	\$1,015,031	\$0	\$0	\$0	\$0	\$0	\$0
Other Utilities	<u>\$8,172</u>	A	<u>\$8,172</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
Subtotal - Purification	\$2,773,130		\$1,902,881	\$870,249	\$0	\$0	\$0	\$0	\$0

**ALLOCATION OF RATE YEAR EXPENSES TO COST COMPONENTS**

<b>EXPENSE ITEM</b>	<b>PRO FORMA EXPENSE</b>	<b>ALLOC. SYMBOL (1)</b>	<b>BASE</b>	<b>MAX. DAY</b>	<b>PEAK HOUR</b>	<b>METERING</b>	<b>BILLING</b>	<b>DIRECT FIRE</b>
<b>TRANSMISSION &amp; DISTRIBUTION</b>								
Salaries & Wages - (601)	\$880,644	O	\$48,429	\$47,910	\$18,144	\$704,515	\$0	\$61,645
Salaries & Wages -[Engineering] (601)	\$424,941	O	\$23,369	\$23,118	\$8,755	\$339,953	\$0	\$29,746
Salaries & Wages - Payroll Taxes -	\$7,753	O	\$426	\$422	\$160	\$6,203	\$0	\$543
Salaries & Wages - Payroll Taxes - [En	\$6,031	O	\$332	\$328	\$124	\$4,825	\$0	\$422
Salaries & Wages - Police Details	\$47,018	O-A	\$40,200	\$2,558	\$969	\$0	\$0	\$3,291
Employee Pensions & Benefits - (604)	\$334,990	O	\$18,422	\$18,225	\$6,902	\$267,992	\$0	\$23,449
Employee Pensions & Benefits - [Engir	\$154,190	O	\$8,479	\$8,389	\$3,177	\$123,352	\$0	\$10,793
Materials and Supplies - (Account 620)	\$38,283	O	\$2,105	\$2,083	\$789	\$30,626	\$0	\$2,680
Materials and Supplies - [Engineering]	\$18,284	O	\$1,005	\$995	\$377	\$14,627	\$0	\$1,280
Rental of Equipment (Account 642)	\$2,941	O	\$162	\$160	\$61	\$2,353	\$0	\$206
Rental of Equipment - [Engineering] (A	\$723	O	\$40	\$39	\$15	\$578	\$0	\$51
Transportation Expenses - (Account 65	\$39,017	O	\$2,146	\$2,123	\$804	\$31,213	\$0	\$2,731
Transportation Expenses - [Engineering]	\$8,602	O	\$473	\$468	\$177	\$6,881	\$0	\$602
Workers Comp T&D	\$67,796	O	\$3,728	\$3,688	\$1,397	\$54,236	\$0	\$4,746
Workers Comp - Engineering	\$21,580	O	\$1,187	\$1,174	\$445	\$17,264	\$0	\$1,511
Miscellaneous Expense - (Account 675	\$10,887	O	\$599	\$592	\$224	\$8,709	\$0	\$762
Miscellaneous Expense - [Engineering]	\$415	O	\$23	\$23	\$9	\$332	\$0	\$29
Education Training	\$1,805	O	\$99	\$98	\$37	\$1,444	\$0	\$126
Education Training - [Engineering]	\$640	O	\$35	\$35	\$13	\$512	\$0	\$45
Repairs & Maintenance - general	\$3,381	O	\$186	\$184	\$70	\$2,705	\$0	\$237
Repairs & Maintenance - T&D	\$16,190	T	\$6,849	\$6,776	\$2,566	\$0	\$0	\$0
Repairs & Maintenance - fire services	\$2,583	F	\$0	\$0	\$0	\$0	\$0	\$2,583
Repairs & Maintenance - services	\$12,465	S	\$0	\$0	\$0	\$12,465	\$0	\$0
Repairs & Maintenance - Hydrants	\$8,961	F	\$0	\$0	\$0	\$0	\$0	\$8,961
Road surface restoration	\$0	O	\$0	\$0	\$0	\$0	\$0	\$0
Repairs & Maintenance - general	\$0	O	\$0	\$0	\$0	\$0	\$0	\$0
Purchased Power	\$17,980	O	\$989	\$978	\$370	\$14,384	\$0	\$1,259
Other Utilities	\$15,690	O	\$863	\$854	\$323	\$12,552	\$0	\$1,098
Other Utilities - [Engineering]	\$6,782	O	\$373	\$369	\$140	\$5,425	\$0	\$475
Printing	\$0	O	\$0	\$0	\$0	\$0	\$0	\$0
Postage--[Engineering]	\$797	O	\$44	\$43	\$16	\$638	\$0	\$56
Subtotal - T&D	<u>\$2,151,367</u>		<u>\$160,563</u>	<u>\$121,631</u>	<u>\$46,062</u>	<u>\$1,663,785</u>	<u>\$0</u>	<u>\$159,326</u>
TOTAL O&M	\$8,238,861	I	\$4,041,918	\$1,166,264	\$65,577	\$2,059,339	\$679,735	\$226,027

**ALLOCATION OF RATE YEAR EXPENSES TO COST COMPONENTS**

<u>EXPENSE ITEM</u>	<u>PRO FORMA</u> <u>EXPENSE</u>	<u>ALLOC.</u> <u>SYMBOL (1)</u>	<u>BASE</u>	<u>MAX. DAY</u>	<u>PEAK HOUR</u>	<u>METERING</u>	<u>BILLING</u>	<u>DIRECT FIRE</u>
<u>CAPITAL EXPENSE</u>								
Property Taxes								
Source of Supply	\$445,638	A	\$445,638	\$0	\$0	\$0	\$0	\$0
Treatment-Pumping	\$0	D	\$0	\$0	\$0	\$0	\$0	\$0
Treatment-Purification	\$93,080	D	\$46,791	\$46,289	\$0	\$0	\$0	\$0
Trans & Distrib	\$318,521	T-C	\$115,335	\$114,098	\$43,214	\$41,785	\$0	\$4,088
Rental Property	\$0	A	\$0	\$0	\$0	\$0	\$0	\$0
Restrict. Bond Principal & Interest	\$7,409,854	P-M	\$3,911,652	\$2,699,125	\$487,790	\$255,390	\$6,759	\$49,139
Leases	\$0	P-M	\$0	\$0	\$0	\$0	\$0	\$0
IFR	\$2,500,000	P	\$1,231,301	\$910,654	\$164,575	\$172,331	\$4,561	\$16,579
CF Franchise Fee	\$0	P	\$0	\$0	\$0	\$0	\$0	\$0
Calgon Royalties Fund	\$0	A	\$0	\$0	\$0	\$0	\$0	\$0
CF System Fund	\$0	T-C	\$0	\$0	\$0	\$0	\$0	\$0
Trustee Fees	\$381,218	P-M	\$201,244	\$138,863	\$25,096	\$13,139	\$348	\$2,528
O&M Reserve Deposit	\$0	E	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal - Capital	<u>\$11,148,309</u>		<u>\$5,951,959</u>	<u>\$3,909,029</u>	<u>\$720,675</u>	<u>\$482,645</u>	<u>\$11,667</u>	<u>\$72,335</u>
TOTAL EXPENSES	\$19,387,170		\$9,993,878	\$5,075,293	\$786,251	\$2,541,984	\$691,403	\$298,361
PLUS: Rev. Stabiliz./Oper. Rev. Allowa	\$285,698	I	\$140,161	\$40,442	\$2,274	\$71,412	\$23,571	\$7,838
LESS: Service Instal Revenue	-\$67,479	S	\$0	\$0	\$0	-\$67,479	\$0	\$0
LESS: State Surcharge Revenue	-\$49,780	I	-\$24,422	-\$7,047	-\$396	-\$12,443	-\$4,107	-\$1,366
LESS: Penalties	-\$168,522	I	-\$82,676	-\$23,855	-\$1,341	-\$42,123	-\$13,904	-\$4,623
LESS: Cumberland Tax Reduction	\$0	O	\$0	\$0	\$0	\$0	\$0	\$0
LESS: Non-Operating Rental	-\$22,065	A	-\$22,065	\$0	\$0	\$0	\$0	\$0
LESS: Interest Income	-\$253	I	-\$124	-\$36	-\$2	-\$63	-\$21	-\$7
LESS: Misc Non-Operating	-\$31,537	I	-\$15,472	-\$4,464	-\$251	-\$7,883	-\$2,602	-\$865
LESS: Gain/Loss Disposal Property	<u>-\$987</u>	P	-\$486	-\$360	-\$65	-\$68	-\$2	-\$7
REQUIRED FROM RATES	\$19,332,245		\$9,988,795	\$5,079,974	\$786,470	\$2,483,337	\$694,339	\$299,331

**ALLOCATION OF PLANT IN SERVICE TO COST COMPONENTS**

<u>EXPENSE ITEM</u>	<u>NET PLANT</u>	<u>ALLOC.</u> <u>SYMBOL (1)</u>	<u>BASE</u>	<u>MAX. DAY</u>	<u>PEAK HOUR</u>	<u>METERING</u>	<u>BILLING</u>	<u>DIRECT FIRE</u>
<u>SOURCE OF SUPPLY</u>								
Land & Land Rights	\$5,560,444	A	\$5,560,444	\$0	\$0	\$0	\$0	\$0
Structures & Improvements	\$10,035,594	A	\$10,035,594	\$0	\$0	\$0	\$0	\$0
Wells & Springs	\$227,169	A	\$227,169	\$0	\$0	\$0	\$0	\$0
<u>PUMPING</u>								
Land & Land Rights	\$30,133	D	\$15,148	\$14,985	\$0	\$0	\$0	\$0
Structures & Improvements	\$266,381	D	\$133,908	\$132,473	\$0	\$0	\$0	\$0
Electric Pumping Equipment	\$3,078	D	\$1,547	\$1,531	\$0	\$0	\$0	\$0
<u>PURIFICATION</u>								
Land & Land Rights	\$26,046	D	\$13,093	\$12,953	\$0	\$0	\$0	\$0
Structures & Improvements	\$49,424,713	D	\$24,845,510	\$24,579,202	\$0	\$0	\$0	\$0
Water Treatment Equipment	\$0	D	\$0	\$0	\$0	\$0	\$0	\$0
<u>TRANSM &amp; DISTRIBUTION</u>								
Land & Land Rights	\$1,590	H	\$645	\$638	\$307	\$0	\$0	\$0
Distribution Reservoirs	\$22,432	H	\$9,099	\$9,001	\$4,332	\$0	\$0	\$0
Transmission Mains	\$9,749,955	D	\$4,901,245	\$4,848,710	\$0	\$0	\$0	\$0
Distribution mains	\$44,619,335	H	\$18,098,316	\$17,904,329	\$8,616,690	\$0	\$0	\$0
Services	\$4,703,680	S	\$0	\$0	\$0	\$4,703,680	\$0	\$0
Meters	\$3,632,187	S	\$0	\$0	\$0	\$3,632,187	\$0	\$0
Hydrants	\$815,631	F	\$0	\$0	\$0	\$0	\$0	\$815,631
Other Misc Equip	\$88,151	H	\$35,755	\$35,372	\$17,023	\$0	\$0	\$0
<u>GENERAL</u>								
Structures & Improvements	\$1,250,886	E	\$478,278	\$194,682	\$9,041	\$404,198	\$133,416	\$31,272
Office furniture & equipment	\$369,164	E	\$141,150	\$57,455	\$2,668	\$119,288	\$39,374	\$9,229
Transportation equipment	\$605,523	E	\$231,522	\$94,241	\$4,376	\$195,662	\$64,583	\$15,138
Stores equipment	\$0	E	\$0	\$0	\$0	\$0	\$0	\$0
Tools, shop & garage equipment	\$0	E	\$0	\$0	\$0	\$0	\$0	\$0
Laboratory equipment	\$13,978	A	\$13,978	\$0	\$0	\$0	\$0	\$0
Power equipment	\$7,311	E	\$2,795	\$1,138	\$53	\$2,362	\$780	\$183
Communication equipment	\$0	E	\$0	\$0	\$0	\$0	\$0	\$0
Miscellaneous equipment	\$15,826	E	\$6,051	\$2,463	\$114	\$5,114	\$1,688	\$396
TOTAL PLANT	\$131,469,206		\$64,751,248	\$47,889,173	\$8,654,605	\$9,062,491	\$239,840	\$871,848
PERCENT		P	49.25%	36.43%	6.58%	6.89%	0.18%	0.66%

\*Note: Test Year Net Plant plus CWIP

**ALLOCATION OF NON-ADMINISTRATIVE LABOR COSTS TO COST COMPONENTS**

<u>EXPENSE ITEM</u>	<u>PRO FORMA</u> <u>AMOUNT</u>	<u>ALLOC.</u> <u>SYMBOL (1)</u>	<u>BASE</u>	<u>MAX. DAY</u>	<u>PEAK HOUR</u>	<u>METERING</u>	<u>BILLING</u>	<u>DIRECT FIRE</u>
<u>CUSTOMER ACCOUNTS</u>								
Salary & Wages - Cust Ser	\$196,820	B	\$0	\$0	\$0	\$0	\$196,820	\$0
Salary & Wages - Meter	\$380,771	M	\$0	\$0	\$0	\$261,780	\$118,991	\$0
<u>SOURCE OF SUPPLY</u>								
Salaries & Wages - (601)	\$113,904	A	\$113,904	\$0	\$0	\$0	\$0	\$0
<u>TRANSMISSION &amp; DISTRIBUTION</u>								
Salaries & Wages - (601)	\$880,644	O	\$48,429	\$47,910	\$18,144	\$704,515	\$0	\$61,645
Salaries & Wages -[Engineering] (601)	<u>\$424,941</u>	O	<u>\$23,369</u>	<u>\$23,118</u>	<u>\$8,755</u>	<u>\$339,953</u>	<u>\$0</u>	<u>\$29,746</u>
TOTALS	\$1,997,081		\$185,703	\$71,029	\$26,899	\$1,306,248	\$315,811	\$91,391
PERCENT		L	9.3%	3.6%	1.3%	65.4%	15.8%	4.6%

**ALLOCATION TO FIRE, WHOLESALE & RETAIL SERVICE**

<u>UNITS OF SERVICE</u>	<u>TOTAL</u>	<u>BASE</u>	<u>MAX. DAY</u>	<u>PEAK HOUR</u>	<u>METERING</u>	<u>BILLING DIRECT FIRE</u>	
Number Units		4,104,635 ccf/yr	18,435 ccf/day	19,707 ccf/day	26,353 equiv meters	282,408 bills	1,915 hydrants
Revenue Requirements	\$19,332,245	\$9,988,795	\$5,079,974	\$786,470	\$2,483,337	\$694,339	\$299,331
Allocation to Fire Protection	\$1,490,728	\$49,944	\$795,730	\$345,722	included in calculation		\$299,331
Allocation to Wholesale *	\$1,551,315	\$1,229,980	\$320,654	\$681			
Net To Retail Metered Rates	\$16,290,202	\$8,708,871	\$3,963,590	\$440,067	\$2,483,337	\$694,339	\$0

\* Allocation to wholesale based on:

<u>BASE</u>		
Metered Sales (ccf/yr)	4,104,635	
Retail Sales (ccf/yr)	3,535,457	
Retail Unacctd For (ccf/yr)	<u>539,687</u>	Based on miles of pipe: 100% of distribution/service costs plus 86.1% of transmission plus estim fire
Total Retail (ccf/yr)	4,075,144	
Wholesale Sales (ccf/yr)	569,178	
Wholesale Unacctd For (ccf/yr)	<u>3,085</u>	
Total Wholesale (ccf/yr)	<u>572,263</u>	
Grand Total (ccf/yr)	4,647,407	
Wholesale Percent of Grand Total	12.3%	
Total Base Allocation	\$9,988,795	
Wholesale Allocation	<b>\$1,229,980</b>	
<u>MAX DAY</u>		
Total Max Day Allocation	\$5,079,974	
Less: Distribution Costs		
95.7% of T&D O&M	-\$116,387	
Admin O&M Share	-\$17,403	15.0%
Distribution Capital Items	<u>-\$2,418,992</u>	61.88% (Less Distribution Mains & Gen'l Items allocated to Max Day)
Total Net of Distribution	\$2,527,192	
Wholesale Max Day %	12.69%	See Sch. 2.2
Wholesale Allocation	<b>\$320,654</b>	
<u>PEAK HOUR</u>		
Total Peak Hour Allocation	\$786,470	
Less: Distribution Costs		
95.7% of T&D O&M	-\$44,076	
Admin O&M Share	-\$13,116	29.8%
Capital Items	<u>-\$720,675</u>	100.00% (All Capital Peak Hour costs = distribution)
Total Net of Distribution	\$8,603	
Wholesale Peak Hr %	7.91%	See Sch. 2.2
Wholesale Allocation	<b>\$681</b>	

**ALLOCATION SYMBOLS**

ALLOCATION		<u>SYMBOL</u>	<u>BASE</u>	<u>MAX. DAY</u>	<u>PEAK HOUR</u>	<u>METERING</u>	<u>BILLING</u>	<u>DIRECT FIRE</u>	
100.00%	A	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	Supply, IFR, Power & Chemical:
100.00%	B	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	Billing
100.00%	D	50.27%	49.73%	0.00%	0.00%	0.00%	0.00%	0.00%	Max Day Demand
100.00%	E	38.24%	15.56%	0.72%	32.31%	10.67%	2.50%	0.00%	O&M less A&G
100.00%	E-M	81.21%	15.56%	0.72%	0.00%	0.00%	2.50%	0.00%	O&M less A&G - No Meter Alloc
100.00%	F	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	Fire Service
100.00%	H	40.56%	40.13%	19.31%	0.00%	0.00%	0.00%	0.00%	Max Hour Demand
100.00%	I	49.06%	14.16%	0.80%	25.00%	8.25%	2.74%	0.00%	Total O&M
100.00%	L	9.30%	3.56%	1.35%	65.41%	15.81%	4.58%	0.00%	Labor
100.00%	L-M	90.52%	3.56%	1.35%	0.00%	0.00%	4.58%	0.00%	Labor-No Meter Allocation
100.00%	M	0.00%	0.00%	0.00%	68.8%	31.3%	0.00%	0.00%	Cust Serv - "Meter"
100.00%	O	5.50%	5.44%	2.06%	80.00%	0.00%	7.00%	0.00%	O&M Mains, Hydrants & Service
100.00%	O-A	85.50%	5.44%	2.06%	0.00%	0.00%	7.00%	0.00%	T&D Police Details
100.00%	P	49.25%	36.43%	6.58%	6.89%	0.18%	0.66%	0.00%	Plant
100.00%	P-M	52.79%	36.43%	6.58%	3.45%	0.09%	0.66%	0.00%	Meter & Service Capital
100.00%	S	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	Services and Meters
100.00%	T	42.30%	41.85%	15.85%	0.00%	0.00%	0.00%	0.00%	T&D Mains
100.00%	T-C	36.21%	35.82%	13.57%	13.12%	0.00%	1.28%	0.00%	T&D Capital

*Symbol D*

	<u>MGD</u>	<u>%</u>
Avg Day	10.582	50.27%
Max Day Inc	<u>10.468</u>	<u>49.73%</u>
Total Max Day	21.050	100.00%

*Symbol E*

	<u>TOTAL</u>	<u>BASE</u>	<u>MAX. DAY</u>	<u>PEAK HOUR</u>	<u>METERING</u>	<u>BILLING</u>	<u>DIRECT FIRE</u>
Amount	\$6,373,109	\$2,436,767	\$991,880	\$46,062	\$2,059,339	\$679,735	\$159,326
Percent	E	38.2%	15.6%	0.7%	32.3%	10.7%	2.5%

*Symbol H*

	<u>MGD</u>	<u>%</u>
Avg Day	10.582	40.56%
Max Day Inc	10.468	40.13%
Peak Hour Inc	<u>5.038</u>	<u>19.31%</u>
Total Peak Hour	26.088	100.00%

	<u>FY 04</u>	<u>FY 05</u>	<u>FY 06</u>	<u>FY 07</u>	<u>FY 08</u>	<u>FY 09</u>	<u>Avg or Max</u>
Avg Day mgd)	12.23	12.33	10.42	10.71	10.65	8.80	10.58
Max Day (mgd)	19.09	21.05	20.23		17.70	15.87	21.05
Max Hour (mgd)	26.09		20.50	19.70			26.09

*Symbol M* These accounts include activities associated with meter reading, meter testing, backflow testing, etc. Costs have been split based on the following personnel associated with these activities:

	<u># Employees</u>	<u>Meter Read</u>	<u>Meters</u>
Meter Reader*	2.5	2.5	
Technician*	4.5		4.5
Backflow	1.0		1.0
Subtotal	8.0	2.5	5.5
Percent		31%	69%
Agent	1.0	0.31	0.69
Supervisor	1.0	0.31	0.69
Total	10.0	3.1	6.9
Percent		31%	69%

\* Note: half of one meter reader's time is used as a meter technician.

**ALLOCATION SYMBOLS**

*Symbol O*

	<u>% of Time</u>	<u>BASE</u>	<u>MAX. DAY</u>	<u>PEAK HOUR</u>	<u>METERING</u>	<u>BILLING</u>	<u>DIRECT FIRE</u>
Mains	13.00%	5.50%	5.44%	2.06%	0.00%	0.00%	0.00%
Hydrants	7.00%	0.00%	0.00%	0.00%	0.00%	0.00%	7.00%
Services	80.00%	0.00%	0.00%	0.00%	80.00%	0.00%	0.00%
Total	100.0%	5.5%	5.4%	2.1%	80.0%	0.0%	7.0%

Note: Based on prior docket analysis of time

*Symbol T*

	<u>Plant Amt.</u>	<u>BASE</u>	<u>MAX. DAY</u>	<u>PEAK HOUR</u>	<u>METERING</u>	<u>BILLING</u>	<u>DIRECT FIRE</u>
Transmission	\$9,749,955	\$4,901,245	\$4,848,710	\$0	\$0	\$0	\$0
Distribution	\$44,619,335	\$18,098,316	\$17,904,329	\$8,616,690	\$0	\$0	\$0
Total	\$54,369,290	\$22,999,561	\$22,753,039	\$8,616,690	\$0	\$0	\$0
		42.30%	41.85%	15.85%	0.00%	0.00%	0.00%

*Symbol T-C*

	<u>Plant Amt.</u>	<u>BASE</u>	<u>MAX. DAY</u>	<u>PEAK HOUR</u>	<u>METERING</u>	<u>BILLING</u>	<u>DIRECT FIRE</u>
Distribution Reservoirs	\$22,432	\$9,099	\$9,001	\$4,332	\$0	\$0	\$0
Transmission Mains	\$9,749,955	\$4,901,245	\$4,848,710	\$0	\$0	\$0	\$0
Distribution mains	\$44,619,335	\$18,098,316	\$17,904,329	\$8,616,690	\$0	\$0	\$0
Services	\$4,703,680	\$0	\$0	\$0	\$4,703,680	\$0	\$0
Meters	\$3,632,187	\$0	\$0	\$0	\$3,632,187	\$0	\$0
Hydrants	\$815,631	\$0	\$0	\$0	\$0	\$0	\$815,631
Total	\$63,543,221	\$23,008,660	\$22,762,040	\$8,621,022	\$8,335,867	\$0	\$815,631
		36.21%	35.82%	13.57%	13.12%	0.00%	1.28%

**FIRE SERVICE CHARGES**

**PUBLIC FIRE SERVICE**

Annual Charge/Hydrant = \$354.11

**PRIVATE FIRE SERVICE**

<u>SERVICE SIZE</u> <u>(inches)</u>	<u>ANNUAL</u> <u>CHARGE</u>
2	\$201.06
4	\$428.09
6	\$1,070.54
8	\$1,940.63
10	\$2,880.80
12	\$4,183.85

**ALLOCATION OF FIRE SERVICE EXPENSES  
TO PUBLIC AND PRIVATE FIRE SERVICE**

	<u>NUMBER</u>	<u>DEMAND FACTOR (1)</u>	<u>NO. OF EQUIVS.</u>	<u>PERCENT OF DEMAND</u>	<u>NON-HYDR. REQUIRED</u>	<u>DIRECT HYDRANT</u>	<u>TOTAL</u>
<b>PUBLIC FIRE SERVICE</b>							
Hydrants	1,915	111.31	213,160.4	74.98%	\$1,058,273	\$79,311	\$1,137,585
<b>PRIVATE FIRE SERVICE</b>							
SIZE (IN)							
2	28	6.19	173.3				
4	55	38.32	2,107.6				
6	405	111.31	45,080.9				
8	89	237.21	21,111.4				
10	3	426.58	1,279.7				
12	<u>2</u>	<u>689.04</u>	<u>1,378.1</u>				
TOTAL-PRIV.	582		71,131.0	25.02%	\$353,143	\$0	\$353,143
	=====		=====	=====	=====	=====	=====
GRAND TOTALS	2,497		284,291.4	100.00%	\$1,411,416	\$79,311	\$1,490,728
Total Fire Allocation							\$1,490,728
Less O&M for T&D Fire							\$11,641
Hydrant Capital							\$67,670
Net Non-Hydrant							\$1,411,416

(1) Based on size to the 2.63 power.

**DETERMINATION OF FIRE SERVICE CHARGES**

<u>PUBLIC FIRE PROTECTION</u>		<u>CALCULATED CHARGE</u>
PUBLIC FIRE ALLOCATION (1)	\$678,125	
----- =	----- =	\$354.11 per year
NUMBER OF PUBLIC HYDRANTS	1,915	

<u>PRIVATE FIRE PROTECTION</u>		
PRIVATE FIRE ALLOCATION (1,2)	\$353,143	
----- =	----- =	\$4.96 /EQUIV.
NO. OF EQUIV. UNITS	71,131.02	

<u>SIZE (IN)</u>	<u>DEMAND FACTOR</u>	<u>DEMAND CHARGE</u>	<u>SERVICE LINE CHRG</u>	<u>BILLING CHARGE</u>	<u>CALCULATED CHARGE</u>
2	6.19	\$30.73	\$142.53	\$27.79	\$201.06
4	38.32	\$190.24	\$210.05	\$27.79	\$428.09
6	111.31	\$552.62	\$490.12	\$27.79	\$1,070.54
8	237.21	\$1,177.65	\$735.18	\$27.79	\$1,940.63
10	426.58	\$2,117.83	\$735.18	\$27.79	\$2,880.80
12	689.04	\$3,420.88	\$735.18	\$27.79	\$4,183.85

- (1) Set so fire charges result in 5% increase  
 (2) Private Fire includes allocated service maintenance costs as detailed below:

Service Line Maintenance Cost =	\$831,893	(Half of total "Metering" O&M )
Service Line Debt Costs =	\$144,109	
Public Fire Subs.=	\$229,730	
Addtnl Allocation to Fire Service =	\$283,149	(23.48%)
Cost per Equiv/year =	\$ 35.01	

**DETERMINATION OF SERVICE CHARGES**

**BILLING CHARGE**

CUST. BILLING ALLOC. (2)		\$654,102	
-----	=	-----	= \$2.32 PER BILLING
NUMBER OF BILLINGS (Include Priv Fir		282,408	

**METER CHARGE**

CUST. METER ALLOC. (1,2)		\$2,429,918	
-----	=	-----	= \$92.21 / EQ. METER/YR
NO. EQUIV. METERS		26,353	

**TOTAL SERVICE CHARGES**

METER SIZE (IN)	<u>QUARTERLY ACCOUNTS</u>			<u>MONTHLY ACCOUNTS</u>		
	<u>METER CHARGE</u>	<u>BILLING CHARGE</u>	<u>TOTAL CHARGE</u>	<u>METER CHARGE</u>	<u>BILLING CHARGE</u>	<u>TOTAL CHARGE</u>
5/8	\$23.05	\$2.32	\$25.37	\$7.68	\$2.32	\$10.00
3/4	\$31.94	\$2.32	\$34.26	\$10.65	\$2.32	\$12.96
1	\$46.10	\$2.32	\$48.42	\$15.37	\$2.32	\$17.68
1 1/2	\$93.85	\$2.32	\$96.17	\$31.28	\$2.32	\$33.60
2	\$121.84	\$2.32	\$124.16	\$40.61	\$2.32	\$42.93
3	\$138.31	\$2.32	\$140.63	\$46.10	\$2.32	\$48.42
4	\$322.72	\$2.32	\$325.04	\$107.57	\$2.32	\$109.89
6	\$484.08	\$2.32	\$486.40	\$161.36	\$2.32	\$163.68
8	\$691.55	\$2.32	\$693.86	\$230.52	\$2.32	\$232.83

(1) Less allocation of Service Maintenance Costs to Private Fire Service - see Compliance Sch. 4.2,  
(2) adjusted to recover reduction in public fire revenues to maintain 5% public fire increase.  
and adjusted further to minimize large increase to service chares by reducing the allocations to

Reduction for \$10 min	40,236.81
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**ALLOCATION OF GENERAL WATER EXPENSES  
TO CUSTOMER CLASSES**

**Class Demands**

CUSTOMER CLASS	AVERAGE DEMANDS		FACTOR	MAX DAY EXTRA CAPACITY		
	(CCF/DAY)	PERCENT		(CCF/DAY)	XTRA CCF/DAY	PERCENT
<i>Retail</i>						
Small (5/8 - 1")	7,313	65.03%	2.50	18,282	10,969	70.55%
Medium (1.5 - 2" & By pass	1,702	15.14%	2.00	3,404	1,702	10.95%
Large (3" and up)	671	5.97%	1.80	1,208	537	3.45%
<i>Wholesale</i>						
Cumberland	1,559	13.87%	2.50	3,898	2,339	15.04%
Seekonk	0	0.00%	2.50	0	0	0.00%
Total	11,246	100.00%		26,793	15,547	100.00%

CUSTOMER CLASS	AVERAGE DEMANDS		FACTOR	PEAK HOUR EXTRA CAPACITY		
	(CCF/DAY)	PERCENT		(CCF/DAY)	XTRA CCF/DAY	PERCENT
<i>Retail</i>						
Small (5/8 - 1")	7,313	65.03%	3.50	25,595	7,313	66.21%
Medium (1.5 - 2" & By pass	1,702	15.14%	3.00	5,107	1,702	15.41%
Large (3" and up)	671	5.97%	2.50	1,678	470	4.25%
<i>Wholesale</i>						
Cumberland	1,559	13.87%	3.50	5,458	1,559	14.12%
Seekonk	0	0.00%	3.50	0	0	0.00%
Total	11,246	100.00%		37,837	11,044	100.00%

**Allocation of Retail Metered Sales Costs to Classes (see Sch 3.3)**

CUSTOMER CLASS	BASE COSTS		MAX. DAY XTRA CAPACITY		PEAK HR. XTRA CAPACITY		TOTAL AMOUNT
	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	
<i>Retail</i>							
Small (5/8 - 1")	75.50%	\$6,575,027	83.05%	\$3,291,681	77.10%	\$339,294	\$10,206,002
Medium (1.5 - 2" & By pass	17.57%	\$1,530,488	12.89%	\$510,809	17.95%	\$78,978	\$2,120,276
Large (3" and up)	6.93%	\$603,355	4.06%	\$161,099	4.95%	\$21,795	\$786,249
Total	100.00%	\$8,708,871	100.00%	\$3,963,590	100.00%	\$440,067	\$13,112,527
		66.4%		30.2%		3.4%	

**METERED WATER RATES**

		<u>Public Fire</u>			
		<u>Shortfall (4)</u>			
<u>Small (5/8 - 1")</u>					
Total Expense (2)	\$10,206,002	\$ 269,966	=	\$	3.900 per ccf
-----	=	+			
Metered Sales (HCF) (1)	2,669,201	3,535,457			
<u>Medium (1.5 - 2" &amp; By pass)</u>					
Total Expense (2)	\$2,120,276	\$ 269,966	=	\$	3.489 per ccf
-----	=	+			
Metered Sales (HCF) (1)	621,318	3,535,457			
<u>Large (3" and up)</u>					
Total Expense (2)	\$786,249	\$ 269,966	=	\$	3.286 per ccf
-----	=	+			
Metered Sales (HCF) (1)	244,938	3,535,457			
<u>Wholesale</u>					
Total Expense (3)	\$1,551,315		=		\$2.726 per ccf
-----	=				
Metered Sales (HCF) (1)	569,178				

(1) See Compliance Sch 2.0

(2) See Compliance Sch 6.0

(3) See Compliance Sch. 3.3

(4) Shortfall in public fire charges assigned to the retail metered rate plus reduction for \$10 serv charge

**COMPARISON OF CURRENT & PROPOSED RATES**

		<u>Current</u>	<u>Proposed</u>	<u>% Change</u>
<u>Metered Rates</u>				
Small (5/8 - 1")		\$3.459	\$3.900	12.7%
Medium (1.5 - 2" & By pass)		\$3.251	\$3.489	7.3%
Large (3" and up)		\$3.140	\$3.286	4.6%
<u>Wholesale</u>		\$2.590	\$2.726	5.3%
<u>Service Charges</u>				
Quarterly	5/8	\$18.72	\$25.37	35.5%
	3/4	\$24.07	\$34.26	42.3%
	1	\$32.59	\$48.42	48.6%
	1 1/2	\$61.33	\$96.17	56.8%
	2	\$78.18	\$124.16	58.8%
	3	\$88.09	\$140.63	59.6%
	4	\$199.07	\$325.04	63.3%
	6	\$296.19	\$486.40	64.2%
	8	\$421.05	\$693.86	64.8%
Monthly	5/8	\$9.47	\$10.00	5.6%
	3/4	\$11.26	\$12.96	15.1%
	1	\$14.10	\$17.68	25.4%
	1 1/2	\$23.68	\$33.60	41.9%
	2	\$29.29	\$42.93	46.6%
	3	\$32.59	\$48.42	48.6%
	4	\$69.59	\$109.89	57.9%
	6	\$101.96	\$163.68	60.5%
	8	\$143.58	\$232.83	62.2%
<u>Fire Service (annual)</u>				
Public	/hydrant/yr	\$337.25	\$354.11	5.0%
Private	2	\$125.42	\$201.06	60.3%
	4	\$254.33	\$428.09	68.3%
	6	\$640.81	\$1,070.54	67.1%
	8	\$1,131.52	\$1,940.63	71.5%
	10	\$1,597.19	\$2,880.80	80.4%
	12	\$2,242.58	\$4,183.85	86.6%

**IMPACT OF PROPOSED RATES**

METER SIZE	MONTHLY USE - CU FT	CURRENT RATES	<----- PROPOSED ----->			
			NEW BILL	\$ INCREASE	% INCREASE	
<u>Metered Service (Monthly Bills)</u>						
Small						
5/8	600	\$30.22	\$33.40	\$3.18	10.51%	
<b>5/8</b>	<b>800</b>	<b>\$37.14</b>	<b>\$41.20</b>	<b>\$4.06</b>	<b>10.93%</b>	
5/8	1,200	\$50.98	\$56.80	\$5.82	11.42%	
5/8	1,700	\$68.27	\$76.30	\$8.03	11.76%	
5/8	2,500	\$95.95	\$107.50	\$11.56	12.04%	
5/8	3,000	\$113.24	\$127.00	\$13.76	12.15%	
5/8	5,000	\$182.42	\$205.00	\$22.58	12.38%	
5/8	7,500	\$268.90	\$302.50	\$33.61	12.50%	
5/8	9,000	\$320.78	\$361.00	\$40.22	12.54%	
1	1,000	\$48.69	\$56.68	\$7.99	16.41%	
1	12,000	\$429.18	\$485.68	\$56.50	13.16%	
1	25,000	\$878.85	\$992.68	\$113.83	12.95%	
Medium						
1 1/2	25,000	\$836.43	\$905.85	\$69.42	8.30%	
1 1/2	50,000	\$1,649.18	\$1,778.10	\$128.92	7.82%	
2	75,000	\$2,467.54	\$2,659.68	\$192.14	7.79%	
2	100,000	\$3,280.29	\$3,531.93	\$251.64	7.67%	
Large						
3	75,000	\$2,387.59	\$2,512.92	\$125.33	5.25%	
3	100,000	\$3,172.59	\$3,334.42	\$161.83	5.10%	
4	250,000	\$7,919.59	\$8,324.89	\$405.30	5.12%	
6	300,000	\$9,521.96	\$10,021.68	\$499.72	5.25%	
6	1,000,000	\$26,001.96	\$27,423.68	\$1,421.72	5.47%	
<u>Fire Service (Monthly Bill)</u>						
Municipal Fire Service		200 hydrants	\$5,620.83	\$5,901.83	\$281.00	5.00%
		1400 hydrants	\$39,345.83	\$41,312.83	\$1,967.00	5.00%
Private Fire Service		4 Inch Service	\$21.19	\$35.67	\$14.48	68.32%
		6 Inch Service	\$53.40	\$89.21	\$35.81	67.06%
		8 Inch Service	\$94.29	\$161.72	\$67.43	71.51%

**REVENUE RECONCILIATION****Service Charge:**

		<----- Current ----->		<----- Proposed ----->	
<u>Quarterly</u>	<u>Number</u>	<u>Rate</u>	<u>Revenue</u>	<u>Rate</u>	<u>Revenue</u>
5/8	0	\$18.72	\$0	\$25.37	\$0
3/4	0	\$24.07	\$0	\$34.26	\$0
1	0	\$32.59	\$0	\$48.42	\$0
1 1/2	0	\$61.33	\$0	\$96.17	\$0
2	0	\$78.18	\$0	\$124.16	\$0
3	0	\$88.09	\$0	\$140.63	\$0
4	0	\$199.07	\$0	\$325.04	\$0
6	0	\$296.19	\$0	\$486.40	\$0
8	0	\$421.05	\$0	\$693.86	\$0
<u>Monthly</u>					
5/8	21,527	\$9.47	\$2,446,328	\$10.00	\$2,583,240
3/4	259	\$11.26	\$34,996	\$12.96	\$40,280
1	498	\$14.10	\$84,262	\$17.68	\$105,656
1 1/2	227	\$23.68	\$64,504	\$33.60	\$91,526
2	399	\$29.29	\$140,241	\$42.93	\$205,549
3	24	\$32.59	\$9,386	\$48.42	\$13,945
4	12	\$69.59	\$10,021	\$109.89	\$15,824
6	6	\$101.96	\$7,341	\$163.68	\$11,785
8	0	\$143.58	\$0	\$232.83	\$0
<b>Consumption Charge:</b>					
Small (5/8 - 1")	2,669,201	\$3.459	\$9,232,765	\$3.900	\$10,409,883
Medium (1.5 - 2" & By pass)	621,318	\$3.251	\$2,019,903	\$3.489	\$2,167,777
Large (3" and up)	244,938	\$3.140	\$769,107	\$3.286	\$804,868
<u>Wholesale</u>	569,178	\$2.590	\$1,474,171	\$2.726	\$1,551,579

**REVENUE RECONCILIATION**

		<----- Current ----->		<----- Proposed ----->	
<u>Fire Protection:</u>					
Public Hydrants	1,915	\$337.25	\$645,834	\$354.11	\$678,121
Private Fire Protection					
2	28	\$125.42	\$3,512	\$201.06	\$5,630
4	55	\$254.33	\$13,988	\$428.09	\$23,545
6	405	\$640.81	\$259,528	\$1,070.54	\$433,569
8	89	\$1,131.52	\$100,705	\$1,940.63	\$172,716
10	3	\$1,597.19	\$4,792	\$2,880.80	\$8,642
12	2	\$2,242.58	\$4,485	\$4,183.85	\$8,368
			=====	=====	
Total			\$17,325,868	\$19,332,501	
Plus: Misc Revenues			\$340,623	\$340,623	
			=====	=====	
Pro Forma Revenue			\$17,666,491	\$19,673,124	
Required Revenue			\$19,672,868	\$19,672,868	
Difference			-\$2,006,377	\$256	
Increase in Revenues				\$2,006,633	
Percent Increase in Total Revenues				11.4%	
Percent Increase in Rate Revenues (non-misc)				11.6%	

**SUMMARY OF COST OF SERVICE**

	<u>Test Year</u>	<u>Adjustments</u>	<u>Rate Year</u>
<b>Revenues</b>			
Service Charges	\$2,797,079	\$270,726	\$3,067,805
Metered Rates	\$13,495,946	\$1,438,160	\$14,934,106
Fire Protection	\$1,032,844	\$297,746	\$1,330,590
Miscellaneous	<u>\$477,338</u>	<u>-\$136,715</u>	<u>\$340,623</u>
<i>Total Revenue</i>	\$17,803,206	\$1,869,918	\$19,673,124
<b>Expenses</b>			
<u>O&amp;M</u>			
Admin	\$2,089,151	-\$223,400	\$1,865,751
Customer Serv	\$932,573	\$142,716	\$1,075,289
Supply	\$362,835	\$10,488	\$373,323
Purification	\$2,407,640	\$365,490	\$2,773,130
Trans & Distrib	<u>\$2,168,261</u>	<u>-\$16,894</u>	<u>\$2,151,367</u>
Total O&M	\$7,960,460	\$278,401	\$8,238,861
<u>Capital</u>			
Property Taxes	\$796,171	\$61,066	\$857,238
strict. Bond Principal & Interest	\$6,688,543	\$721,311	\$7,409,854
Leases	\$149,781	-\$149,781	\$0
IFR	\$3,100,000	-\$600,000	\$2,500,000
CF Franchise Fee	\$0		\$0
Calgon Royalties Fund	\$0	\$0	\$0
CF System Fund	\$0	\$0	\$0
Trustee Fees	\$273,894	\$107,324	\$381,218
O&M Reserve Deposit	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
Total Capital	\$11,008,389	\$139,921	\$11,148,309
<u>Operating Revenue Allowance</u>	<u>\$0</u>	<u>\$285,698</u>	<u>\$285,698</u>
<i>Total Expenses</i>	\$18,968,849	\$704,019	\$19,672,868

**PROPOSED YEAR 2 STEP INCREASE**

Rate Year (CY 2011) Revenue Requirements =		\$19,672,868
Step Increases for 2012		
New Debt	\$	396,661
Trustee Fees	\$	2,500
IFR	\$	-
Rev. Stabiliz @ 1.5%	\$	5,987
Inflation (O&M)	\$	-
	\$	405,149

CY 2012 Revenue Requirements =	\$	20,078,017
Proposed Step Increase for CY 2012		2.1%

		<u>Current</u>	<u>Proposed</u> <u>(CY2011)</u>	<u>Step</u> <u>Increase (CY</u>
<u>Metered Rates</u>				
Small (5/8 - 1")		\$3.459	\$3.900	\$ 3.980
Medium (1.5 - 2" & By pass)		\$3.251	\$3.489	\$ 3.561
Large (3" and up)		\$3.140	\$3.286	\$ 3.354
Wholesale		\$2.590	\$2.726	\$ 2.782
<u>Service Charges</u>				
Quarterly	5/8	\$18.72	\$25.37	\$25.89
	3/4	\$24.07	\$34.26	\$34.97
	1	\$32.59	\$48.42	\$49.42
	1 1/2	\$61.33	\$96.17	\$98.15
	2	\$78.18	\$124.16	\$126.72
	3	\$88.09	\$140.63	\$143.53
	4	\$199.07	\$325.04	\$331.73
	6	\$296.19	\$486.40	\$496.42
	8	\$421.05	\$693.86	\$708.15
	Monthly	5/8	\$9.47	\$10.00
3/4		\$11.26	\$12.96	\$13.23
1		\$14.10	\$17.68	\$18.04
1 1/2		\$23.68	\$33.60	\$34.29
2		\$29.29	\$42.93	\$43.81
3		\$32.59	\$48.42	\$49.42
4		\$69.59	\$109.89	\$112.15
6		\$101.96	\$163.68	\$167.05
8	\$143.58	\$232.83	\$237.62	
<u>Fire Service (annual)</u>				
Public	/hydrant/yr	\$337.25	\$354.11	\$361.40
Private	2	\$125.42	\$201.06	\$205.20
	4	\$254.33	\$428.09	\$436.91
	6	\$640.81	\$1,070.54	\$1,092.59
	8	\$1,131.52	\$1,940.63	\$1,980.60
	10	\$1,597.19	\$2,880.80	\$2,940.13
	12	\$2,242.58	\$4,183.85	\$4,270.01

# PAWTUCKET WATER SUPPLY BOARD TARIFF SCHEDULES

Effective: [January 1, 2011](#)

PAWTUCKET WATER SUPPLY BOARD  
85 BRANCH STREET  
PAWTUCKET, RHODE ISLAND 02860

# PAWTUCKET WATER SUPPLY BOARD TARIFF SCHEDULES

Replaces Tariff: [October 1, 2008](#)  
Effective: January 1, 2011

[Public Utilities Docket No. 4171](#)

## **TARIFF SCHEDULES**

### Schedule

- A Bulk Sales for Resale
- B Public Fire Protection
- C Private Fire Protection
- D Customer Service Charge
- E Metered Sales
- F Miscellaneous Charges
- G Penalty for Late Payment of Water Bill



SCHEDULE B

PAWTUCKET WATER SUPPLY BOARD  
Public Fire Protection

Rhode Island Public Utilities Commission  
Public Utilities Docket No. 4171

Effective: January 1, 2011

Applicability

Applicable throughout the entire territory served by the Pawtucket Water Supply Board for service to public fire hydrants.

Rates

	<u>Per Annum</u>	<u>Per Quarter</u>	<u>Per Month</u>
<b>For each Hydrant</b>	<b>\$354.11</b>	<b>\$ 88.53</b>	<b>\$ 29.51</b>

All public meters which are not 6 inch hydrants pay the private fire protection rates. See Schedule C of this tariff for the rates.

Terms of Payment

All bills for public fire protection service furnished under this schedule are rendered annually, quarterly or monthly in arrears and are due and payable in full when rendered.

SCHEDULE C

PAWTUCKET WATER SUPPLY BOARD  
Private Fire Protection

Rhode Island Public Utilities Commission  
Public Utilities Docket No. 4171

Effective: January 1, 2011

Applicability

Applicable throughout the entire territory served by the Pawtucket Water Supply Board for service to private fire protection appliances owned and maintained by the customer based upon the size of the connection to the premises measured at the street.

	<u>Per Annum</u>	<u>Per Quarter</u>	<u>Per Month</u>
For each 2 inch connection	\$ 201.06	\$ 50.27	\$ 16.76
For each 4 inch connection	\$ 428.09	\$ 107.02	\$ 35.67
For each 6 inch connection	\$ 1,070.54	\$ 267.64	\$ 89.21
For each 8 inch connection	\$ 1,940.63	\$ 485.16	\$ 161.72
For each 10 inch connection	\$ 2,880.80	\$ 720.20	\$ 240.07
For each 12 inch connection	\$ 4,183.85	\$ 1,045.96	\$ 348.65

Unmetered fire hydrants will be charged as six-inch connections. No additional charge will be made for fire protection appliances owned and maintained by the customers.

Terms of Payment

All bills for private fire protection service furnished under this schedule are rendered annually, quarterly or monthly in arrears and are due and payable in full when rendered. Water use through fire services for the purposes other than fire protections shall be billed in arrears at the same rate per hundred cubic feet as the small class in Sch. E.

Fire services are equipped with a detector check valve furnished by the owner, and a by-pass meter purchased by the owner from the Pawtucket Water Supply Board.

<u>Detector Check Size</u>	<u>By-Pass Meter Size</u>
4 inch	3/4 or 1 inch
6 inch	1 1/2 inch
8 inch	2 inch
10 inch	3 inch
12 inch	4 inch

## SCHEDULE D

### PAWTUCKET WATER SUPPLY BOARD Customer Service Charge

Rhode Island Public Utilities Commission  
Public Utilities Docket No. 4171

Effective: January 1, 2011

#### Applicability

Applicable throughout the entire territory served by the Pawtucket Water Supply Board for residential, commercial and industrial users, exclusive of fire service connection.

#### Rates

For each service connected to the Pawtucket Water Supply Board's mains, the following quarterly and monthly minimum customer service charges shall apply:

<u>Size of Meter</u>	<u>Quarterly Customer Charge</u>	<u>Monthly Customer Charge</u>
5/8 inch	\$ 25.37	\$ 10.00
3/4 inch	\$ 34.26	\$ 12.96
1 inch	\$ 48.42	\$ 17.68
1 1/2 inch	\$ 96.17	\$ 33.60
2 inch	\$ 124.16	\$ 42.93
3 inch	\$ 140.63	\$ 48.42
4 inch	\$ 325.04	\$ 109.89
6 inch	\$ 486.40	\$ 163.68
8 inch	\$ 693.86	\$ 232.83

#### Terms of Payment

All customer service charges billed under this schedule are rendered on a quarterly or monthly basis and in arrears and are due and payable in full when rendered.

SCHEDULE E

PAWTUCKET WATER SUPPLY BOARD  
Metered Sales

Rhode Island Public Utilities Commission  
Public Utilities Docket No. 4171

Effective: January 1, 2011

Applicability

General metered water service in the entire territory served by the Pawtucket Water Supply Board.

Rates

For all quantities used except for private fire protection and bulk sales to public authorities for resale, the following rates shall apply:

<u>Class</u> <u>(meter size)</u>		<u>Rate per Hundred Cubic Feet</u>
Small (5/8 - 1")	\$	3.900
Medium (1.5 - 2")	\$	3.489
Large (3" and up)	\$	3.286

Terms of Payment

All metered sales bills under this schedule are rendered on a quarterly or monthly basis, in arrears and are due and payable in full when rendered.

SCHEDULE F

PAWTUCKET WATER SUPPLY BOARD  
Miscellaneous Charge

Rhode Island Public Utilities Commission  
Public Utilities Docket No. 4171

Effective: January 1, 2011

**Meter Service Charge**

Applicable to all meters requiring repair due to freezing, hot water, vandalism, tampering, or other action or inaction of the premises owner to properly protect the meter. In addition, parts and labor will be billed at actual cost. Charges are payable when billed.

<u>Meter size and type</u>	<u>Meter Service Charge</u>
5/8" to 2" - all types over 2"	\$ 76.00 Customers' responsibility

**Meter Test Charge**

Meter testing for all meters over 2" is the responsibility of the customer.

The meter test charge for all meters up to 2" in size will be at the PWSB's cost. The meter test charge will be charged to the customer's account and is payable in full when billed.

**Photocopying**

Distribution sheet	\$3.00 per page
Letter or legal size document	\$0.15 per page

**Pavement/Sidewalk Restoration**

At actual cost

**Police Details**

Traffic Control required for public safety will be at the hourly detail rate of the local police department

SCHEDULE F (Continued)

PAWTUCKET WATER SUPPLY BOARD  
Miscellaneous Charge

Rhode Island Public Utilities Commission  
Public Utilities Docket No. 4171

Effective: January 1, 2011

**Service Termination Charges**

Applicable to all customers whose service has been terminated due to delinquent accounts status or violations of the Rules and Regulations of the Pawtucket Water Supply Board. Payable in advance, before service is restored.

Service Shutoff Fee: \$ 64.00

Service Restoration Fee: \$ 43.00

**Application Charge**

Not applicable

**Returned Check Fee:**

Charge: \$ 20.00

**Fire Hydrant Flow Test**

Charge: \$ 150.00

**Temporary Construction Service**

Service applications will be completed and returned to the Pawtucket Water Supply Board, 85 Branch Street, Pawtucket, RI 02860, during normal business hours.

- a. Advance payment will be made at the time of application. This payment will include an application/service charge of six months duration; a deposit on the meter and connection; and a deposit on the estimated cost of the water to be used. Please consult the instructions on the back of the application and/or the Rules and Regulations of the PWSB for further details.
- b. Water Charges are as follows: Costs at time of Application

Meter Size	Material Deposit	6 Mo. AP. SVCE.CHG.	Water Deposit	Total
5/8"	\$ 100.00	\$ 27.90	\$ 272.04	\$ 400.00
2"	\$ 800.00	\$ 155.58	\$ 544.42	\$ 1,500.00

SCHEDULE F (Continued)

PAWTUCKET WATER SUPPLY BOARD  
Miscellaneous Charge

Rhode Island Public Utilities Commission  
Public Utilities Docket No. 4171

Effective: January 1, 2011

**Swimming Pools**

Not applicable

**Tank Truck - Bulk Sales**

Tank trucks must be filled using an air-gap separation to assure the prevention of the backflow from the truck to the water system. The consumer will pay a service charge (Tank Truck filling Permit) of \$50.00 per day, plus the cost of the water used at prevailing rate, plus the cost of PWSB labor if required. The customer will use a hydrant meter to document the volume of the truck.

**Main Extensions**

An engineering fee, sampling/testing charge will be assessed prior to approval of construction.

The engineering inspection fee is \$250.00 per day.

The charge for sampling and testing shall be \$85.00 for each segment of pipe to be tested, and shall be paid prior to the start of construction.

A deposit is required as security for the faithful performance of the contract work. This deposit may be used to complete the installation or correct any defects in the event that the contractor fails to do so in a timely manner. This refundable deposit is due prior to commencement of construction and shall be held for a period of one year following acceptance of the main extension. The amount of the deposit is based on the length of the main extension as follows:

<b><u>Main Length</u></b>	<b><u>Deposit Fee</u></b>
0 - 150 linear ft.	\$ 2,000.00
151 - 300 linear ft.	\$ 4,000.00
301 - 450 linear ft.	\$ 6,000.00 *
over 450 linear ft.	\$ 8,000.00 *

\* A performance bond in the amount of \$20,000 may be substituted for the deposit fee upon prior approval of the PWSB.

**Service Installation Charges**

The charges for service installation are to be paid at the time of application for a new water service installation or for connection to a vacant lot service or abandoned water service.

The cost of road patching, sidewalk patching, and engineering/inspection, must be added to the basic service installation charges as set forth herein.

All installation charges are to be computed by the Engineering Section of the Pawtucket Water Supply Board.

# PAWTUCKET WATER SUPPLY BOARD

## Miscellaneous Charge

Rhode Island Public Utilities Commission

Public Utilities Docket No. 4171

Effective: January 1, 2011

### NEW WATER SERVICE INSTALLATION FEES

<u>Service Size</u>	<u>Fee</u>
1" Service	\$1,752.00
2" Service	\$2,621.00
4" Service	\$2,855.00
6" Service	\$3,107.00
8" Service	\$3,517.00
10" Service	\$4,895.00

The basic installation fee for services greater than 10 inch in size shall be charged on a time and materials basis consistent with the methodology used in computing the above basic installation fees

Special Circumstances - Any new water service installation sites where special circumstances may be encountered (i.e. ledge, special fittings, routing around other utilities, repair of traffic control devices) will also be charged on a time and materials basis.

In addition to the basic installation fee and any costs related to special circumstances, the applicant shall be responsible for charges associated with the following:

- 1 All road and/or sidewalk restoration costs
- 2 Uniformed police officers for traffic control required for public safety at the current local Police department rate.
- 3 The cost of the water meter and meter couplings purchased from the PWSB for meter sizes through 2 inches (meters larger than 2 inch in size shall be purchased, owned, installed and maintained by the applicant/owner
- 4 "Customer Service Charge" for one full cycle based on the meter size
- 5 If the new service is a fire service, the "Annual Fire Service Charge" based on the size of the fire service connection to the premises measured at the street.
- 6 The "Road Opening Permit" fee at the current local City or Town rate.

PAWTUCKET WATER SUPPLY BOARD  
Penalty for Late Payment  
of Water Bills

Rhode Island Public Utilities Commission  
Public Utilities Docket No. 4171

Effective: January 1, 2011

Applicability

Applicable throughout the entire territory served by the Pawtucket Water Supply Board for residential, commercial and industrial users.

Rates

Amounts not paid by the DUE DATE will accumulate a penalty of 18% per year (1.5% per month) from the DUE DATE through the PAYMENT DATE.

DUE DATE is 24 days after the BILLING DATE and is listed on each billing statement, and the BILLING DATE is the date on which the billing statement was mailed and also is listed on each billing statement.