

STATE OF RHODE ISLAND
BEFORE THE
PUBLIC UTILITIES COMMISSION

IN THE MATTER OF THE PETITION)	Docket No. 3945
OF THE PAWTUCKET WATER SUPPLY)	
BOARD FOR AN INCREASE IN RATES FOR)	
WATER SERVICE)	

DIRECT TESTIMONY OF
ANDREA C. CRANE
REGARDING REVENUE REQUIREMENTS

ON BEHALF OF
THE DIVISION OF PUBLIC UTILITIES AND CARRIERS

July 16, 2008

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I. STATEMENT OF QUALIFICATIONS

Q. Please state your name and business address.

A. My name is Andrea C. Crane and my business address is 199 Ethan Allen Highway, Ridgefield, Connecticut 06877 (Mailing Address: P.O. Box 810, Georgetown, Connecticut 06829.)

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

A. I am President of The Columbia Group, Inc., a financial consulting firm that specializes in utility regulation. In this capacity, I analyze rate filings, prepare expert testimony, and undertake various financial studies regarding utility rates and regulatory policy.

Q. Please summarize your professional experience in the utility industry.

A. Prior to my association with The Columbia Group, Inc., I held the position of Economic Policy and Analysis Staff Manager for GTE Service Corporation, from December 1987 to January 1989. From June 1982 to September 1987, I was employed by various Bell Atlantic subsidiaries. While at Bell Atlantic, I held assignments in the Product Management, Treasury, and Regulatory Departments.

Q. Have you previously testified in regulatory proceedings?

A. Yes, since joining The Columbia Group, Inc., I have testified in approximately 275 regulatory proceedings in the states of Arizona, Connecticut, Delaware, Hawaii, Kansas,

1 Kentucky, Maryland, New Jersey, New Mexico, New York, Oklahoma, Pennsylvania,
2 Rhode Island, South Carolina, Vermont, West Virginia and the District of Columbia. These
3 proceedings involved water, wastewater, gas, electric, telephone, solid waste, cable
4 television, and navigation utilities. A list of dockets in which I have filed testimony is
5 included in Appendix A. I have also been engaged to provide testimony as an expert
6 witness in several civil proceedings.

7
8 **Q. What is your educational background?**

9 A. I received a Master of Business Administration degree, with a concentration in Finance, from
10 Temple University in Philadelphia, Pennsylvania. My undergraduate degree is a B.A. in
11 Chemistry from Temple University.

12
13 **Q. Do you have any additional relevant experience?**

14 A. Yes, from January 1991 until January 1998, I served as Vice Chairman of the Water
15 Pollution Control Commission in Redding, Connecticut. This Commission was charged with
16 designing, constructing, and operating a sewage collection and treatment facility for the
17 Town of Redding.

18
19 **II. PURPOSE OF TESTIMONY**

20 **Q. What is the purpose of your testimony?**

21 A. The Columbia Group, Inc. was engaged by The Division of Public Utilities and Carriers

1 (“Division”) to review the recent base rate filing by The Pawtucket Water Supply Board
2 (“PWSB” or “Board”) and to provide revenue requirement recommendations. In developing
3 my revenue requirement recommendations, I reviewed the PWSB’s testimony and exhibits
4 and the responses to data requests propounded upon the PWSB by the Division and by the
5 State of Rhode Island, Public Utilities Commission Staff. I also reviewed several prior
6 Commission decisions as well as other documents useful in an analysis of the PWSB’s filing.
7

8 **III. SUMMARY OF CONCLUSIONS**

9 **Q. What are your conclusions concerning the PWSB's revenue requirement and its need**
10 **for rate relief?**

11 A. Based on my review, my conclusions and recommendations are as follows:

- 12 1. Based on the rate year ending December 31, 2009, the PWSB has pro forma revenue
13 at present rates of \$18,080,820, including \$16,551,364 in operating rate revenue and
14 \$1,529,456 in miscellaneous revenue (see Schedule ACC-1).
- 15 2. The PWSB has pro forma costs, including pro forma debt service costs, of
16 \$19,579,633, and an operating revenue allowance requirement of \$139,071, for a
17 total revenue requirement of \$19,718,705 (see Schedule ACC-1).
- 18 3. Based on these determinations, a rate increase of \$1,637,884 is appropriate. This
19 represents an increase of 9.90% over total rate revenue at present rates. My
20 recommendation is significantly less than the rate increase of \$3,109,387 or
21 19.07%, being requested by the PWSB (see Schedule ACC-1).

IV. DISCUSSION OF THE ISSUES**A. Introduction**

Q. Please summarize the PWSB's request for rate relief in this case.

A. The PWSB is requesting a rate increase of \$3,109,387 or 19.07% over its claimed level of pro forma revenue at present rates. The current filing is the first rate request since the new PWSB treatment plant was completed and began providing service in March 2008. Also, since the Board's last base rate case, the PWSB has purchased the Central Falls system. The Board assumed operation and ownership of the system in August 2007.

Listed below are some of the major items contributing to the PWSB's request for rate relief in this case and the increase estimated by the PWSB from the test year to the rate year:

Salaries and Benefits	\$1,033,000
Treatment Plant Contract	459,000
Power Supply Costs	366,000
Operating Revenue Allowance	669,500
Inflation Adjustments	90,000
General Liability Insurance	62,000

In addition, the PWSB has reflected a significant decline in revenues from the revenues approved in the last rate filing, Docket No. 3674. In that docket, the Commission authorized total rate revenue (excluding miscellaneous revenue) of \$17,539,491. In this case, the PWSB has reflected pro forma rate revenue at present rates of only \$16,308,246, a reduction of \$1,231,245 from the rate revenue authorized in Docket No. 3674.

B. Residential Rate Revenue

Q. How did the PWSB develop its pro forma operating rate revenue claim in this case?

A. To develop its pro forma revenue claim, the PWSB used the actual number of customers at June 30, 2007, the end of the test year. Residential consumption was based on a four-year average consumption for fiscal year 2004 through fiscal year 2007. Revenue from commercial and industrial customers was based on the actual test year sales during the twelve months ending June 30, 2007.

Q. How should pro forma revenues from residential and commercial customers be determined when establishing retail rates for a water utility?

A. Residential water consumption fluctuates from year-to-year due to a variety of factors. The most significant factors that influence the variations in annual water consumption from year-to-year are rainfall and temperature. Typically, a hot and dry summer will result in more water being used by residential customers than a summer that is cooler and has more rainfall. This usage pattern also generally occurs among small and medium-sized commercial customers. Given that metered consumption fluctuates from year-to-year, it is common to use an average consumption over a period of time to determine a “normalized” level of consumption for ratemaking purposes. That normalized consumption can then be applied to the pro forma customer counts to develop overall volumetric sales for the utility. Thus, in normalizing consumption for a water utility, it is preferable to examine metered consumption on a per customer basis for each rate class, and then multiply that consumption by the

1 number of pro forma customers in each rate class.

2
3 **Q. Is this the methodology that the PWSB used in this case to determine pro forma**
4 **revenues?**

5 A. No, it is not. For the residential class, the Board developed its four-year average based on
6 total residential sales rather than on sales per customer. The Board's methodology is not as
7 accurate as first determining consumption per customer and then multiplying that
8 consumption level by the number of customers in the class. However, I understand that in
9 the past the Board did not have complete historic customer counts, by rate class. Therefore,
10 in prior cases, I have accepted the use of a multi-year average that examined residential
11 usage on a total class basis, similar to the methodology being proposed by the PWSB in this
12 case. In a system that is growing rapidly, using total retail sales over a multi-year period may
13 not be a good proxy for future pro forma retail sales, since there is no recognition of
14 customer growth in the pro forma consumption projection. However, in a system like the
15 PWSB, where growth has been more modest, the use of total pro forma sales can be
16 reasonably estimated by using a pro forma average based on total consumption instead of on
17 an average based on consumption per customer for each class.

18
19 **Q. Are you accepting the Board's use of a four-year average of total residential sales to**
20 **determine residential sales in this case?**

1 A. Yes, I am. According to PWSB Schedule DGB-3A, actual residential sales experienced by
2 the Board over the past several years have been as follows:

FY 2007	2,886,999 HCF
FY 2006	3,106,513
FY 2005	3,092,902
FY 2004	3,068,334
Average	3,038,687

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11 During the test year in this case, the PWSB had total residential sales that were lower
12 than sales in any of the prior three years. However, residential sales had increased in each of
13 the years prior to the test year. Thus, I believe that the Board's use of a four-year average of
14 residential retail sales is reasonable.

15
16 **Q. Have you updated the four-year average of residential retail sales to reflect additional**
17 **information that has become available since the Board filed its Direct Testimony?**

18 A. Yes, I have. In response to DIV 4-1, the PWSB recently provided usage data for the twelve
19 months ending June 30, 2008. The actual fiscal year 2008 residential usage was 2,949,085
20 HCF according to this response. Therefore, at Schedule ACC-2, I have made an adjustment
21 to update the Board's four-year average to delete fiscal year 2004 and to add fiscal year 2008

1 to the four-year average. This adjustment reduces the Board's pro forma residential usage
2 by 29,812 HCF, and reduces its pro forma income at present rates by \$87,714.

3
4 **Q. In addition to your consumption adjustment, are you recommending any other pro**
5 **forma operating revenue adjustment for residential customers?**

6 A. Yes, I am. The PWSB based its pro forma revenue claim on the number of customers at
7 June 30, 2007. However, the rate year in this case is the twelve months ending December
8 31, 2009. As shown in the response to DIV 1-16, the number of residential customers has
9 increased in each of the past five years. Therefore, basing pro forma revenues on the
10 number of customers at June 30, 2007 is likely to understate the actual average number of
11 customers in the rate year.

12
13 **Q. What do you recommend?**

14 A. I recommend that the Commission adopt a revenue adjustment to reflect an additional 175
15 residential customers. The response to DIV 1-16 indicates that on average, residential
16 customers have grown by 87.5 customers each year. My recommended adjustment reflects
17 24 months of growth, from June 30, 2007 to June 30, 2009, the midpoint of the rate year.
18 My adjustment is shown in Schedule ACC-3.

19
20 **C. Commercial and Industrial Revenue**

21 **Q. Are you recommending any adjustment to the Board's pro forma revenue claims for**

commercial or industrial customers?

A. Yes, I am recommending that the Commission utilize a four-year average for commercial customers billed in Cycle 7, which reflects small-to-medium sized commercial customers who are billed quarterly. Larger commercial customers are generally defined as industrial customers and billed monthly under Cycle 11. Usage in the commercial class billed under Cycle 7 also tends to fluctuate from year-to-year and therefore I believe that the use of a multi-year average is appropriate. Moreover, this recommendation is consistent with the finding of the Commission in PWSB's last base rate case that a multi-year average should be used to determine pro forma revenue for all retail customer classes except the industrial class, which is billed under Cycle 11. My adjustment is shown in Schedule ACC-4.

Q. How did you quantify your adjustment to commercial (Cycle 7) revenue?

A. My adjustment is based on the four-year average shown in Schedule DGB-3A for Cycle 7 billed customers.

Q. Why didn't you update the four-year average to reflect the fiscal year 2008, consistent with your recommendation regarding residential customers?

A. I did not update the four-year average for Cycle 7 customers because the Board did not separately identify Cycle 7 customers in its update provided in response to DIV 4-1. In that response, the PWSB provided fiscal year 2008 usage data for residential customers and for what it termed "industrial" customers. It is my understanding that the usage provided for

1 industrial customers included usage for both the small and medium sized commercial
2 customers that are billed quarterly, i.e., Cycle 7 customers, as well as larger commercial and
3 industrial customers that are billed monthly, i.e., Cycle 11 customers. Thus, the response to
4 DIV 4-1 did not contain sufficient information for me to update the four-year average for
5 Cycle 7 customers. Moreover, given the procedural schedule in this case, and the fact that
6 my testimony was due shortly after the close of the 2008 fiscal year, I did not have the
7 opportunity to formally request this breakdown from the Board. Therefore, my
8 recommendation is based on the data contained in Mr. Bebyn's Direct Testimony and
9 reflects fiscal years 2004-2007. However, I do recommend that the PWSB provide a further
10 breakdown of the fiscal year 2008 "Industrial" usage shown in DIV 4-1. I also recommend
11 that the pro forma revenue for small and medium sized commercial customers in Cycle 7 be
12 updated to reflect the average consumption during the four-year period ending June 30, 2008
13 when this information is provided by the PWSB.

14
15 **Q. Are you recommending any adjustment to the Board's pro forma revenue claim**
16 **relating to large commercial and industrial customers?**

17 A. No, I am not. I have accepted the Board's proposal to utilize the actual test year usage for
18 these customers, who are billed in Cycle 11. Usage for this customer class generally
19 depends more on the level of business activity and the types of businesses in the service area
20 than on weather variations from year-to-year. Therefore, I am not recommending any
21 adjustment to the methodology proposed by the PWSB for determining pro forma revenue

1 for these customers. As noted above, in the last case, the Commission utilized the actual test
2 year consumption for this class in order to determine pro forma revenue. The Board's
3 proposal to utilize actual test year sales for these customers is therefore consistent with the
4 Commission's findings in the last case.

5 My pro forma revenue recommendation therefore reflects the actual test year usage
6 as filed by the PWSB for the twelve months ending June 30, 2007. However, if the PWSB
7 updates the fiscal year 2008 data that was provided in response to DIV 4-1 to separately
8 identify the larger commercial and industrial customer usage billed under Cycle 11, I will
9 update my revenue requirement recommendation to reflect the most recent fiscal year data
10 with regard to usage for this customer class.

11
12 **D. Wholesale Sales Revenue**

13 **Q. How did the PWSB determine its wholesale sales revenue claim in this case?**

14 A. The PWSB calculated its wholesale sales revenue claim based on a four-year average,
15 similar to the methodology used for residential customers. The PWSB sells water at
16 wholesale primarily to the Town of Cumberland.

17
18 **Q. Are you recommending any adjustment to the PWSB's claim?**

19 A. I am not recommending any change to the four-year average proposed by the PWSB.
20 However, I do recommend that the four-year average be updated to include information that
21 has recently been provided regarding fiscal year 2008 wholesale sales.

As shown below, the four-year average utilized in the PWSB's original filing resulted in pro forma wholesale sales of 645,763 HCF:¹

FY 2007	723,207 HCF
FY 2006	644,728
FY 2005	666,953
FY 2004	548,162
Four Year Average	645,763

Actual wholesale sales in fiscal year 2008 were 779,807 HCF, per the response to DIV 4-1. Updating the four-year average with actual information for the most recent fiscal year would increase the four-year average to 703,674 HCF. My adjustment results in an increase to pro forma wholesale revenues of \$128,389, as shown in Schedule ACC-5.

Q. How did the Commission determine wholesale sales in the Board's last base rate case?

A. In its Direct Testimony in that case, the PWSB proposed using the actual test year average for wholesale sales while the Division utilized the five-year average of wholesale sales. In its Order in Docket No. 3674, the Commission utilized a projection of wholesale sales provided by the Town of Cumberland.

Q. Has the PWSB provided any information about the Town of Cumberland's projections for wholesale sales in this case?

¹ PWSB Schedule DGB-4.

1 A. Yes. In response to COMM 1-28, the PWSB stated that the Town of Cumberland has
2 notified them that it will purchase “approximately the same amount of water as last year.”
3 Thus, the PWSB’s projection, which is based on the four-year average, may be understated
4 since wholesale sales in both fiscal year 2007 and fiscal year 2008 have been above the
5 respective four-year averages. Nevertheless, at this time I have accepted the use of a four-
6 year average, which is consistent with the determination of retail sales projections for most
7 of the Board’s other customer classes. However, the Commission may want to solicit
8 further input from the Town of Cumberland during the litigation phase of this case to
9 determine if the use of a four-year average is reasonable, or if a more accurate projection
10 from the Town of Cumberland is available.

11
12 **E. Fire Service Revenue**

13 **Q. Are you recommending any adjustment to the PWSB’s claim for private fire service**
14 **revenue?**

15 A. Yes, I am recommending one adjustment. The Board’s pro forma private fire service
16 revenue claim was based on the number of customers at June 30, 2007. In the response to
17 DIV 4-1, the PWSB provided updated information about the number of private fire service
18 customers. Accordingly, at Schedule ACC-6, I am recommending an adjustment to reflect
19 the most recent number of private fire services, which reflects changes in the number of 2”
20 services, 4” services, 6” services, and 8” services. There have been no changes in the
21 number of 10” or 12” private fire services since June 30, 2007.

1
2 **Q. Are you recommending any adjustment to the Board's pro forma revenue claim for**
3 **public fire services?**

4 A. No, I am not recommending any adjustment to the public fire hydrant revenue, since the
5 response to DIV 4-1 indicates that there has been very little change in the number of
6 hydrants during the most recent fiscal year.

7
8 **F. Incremental Volumetric Expenses**

9 **Q. In quantifying your revenue adjustments relating to consumption and customer**
10 **growth, did you consider incremental variable costs associated with increased sales?**

11 A. Yes, I did. I included an incremental cost adjustment relating to additional power costs as
12 shown in Schedule ACC-7. To calculate my adjustment, I first calculated the ratio of total
13 power costs to total sales, as determined by the PWSB. This resulted in a per unit power
14 cost of \$0.20. I then multiplied my recommended sales (volume) adjustment by the
15 incremental power cost, to determine the total incremental power costs associated with these
16 incremental sales.

17
18 **G. Miscellaneous Revenue**

19 **Q. Please describe the sources of miscellaneous revenue included in the PWSB's claim.**

20 A. As shown in the PWSB's filing at Schedule DGB-1, the PWSB has various sources of
21 miscellaneous revenue. These include service installation revenue, rental income,

1 miscellaneous non-operating income, interest/dividend income, penalties, and the state
2 surcharge. The PWSB used a four-year average to determine its pro forma revenue
3 claim for the majority of these revenue components. However, with regard to
4 miscellaneous non-operating revenue, the Board first removed certain non-recurring
5 revenues relating to an Earth Tech reimbursement, land acquisition fund fees, and other
6 one-time adjustments and then utilized the actual test year level of revenue, as adjusted,
7 for its pro forma claim.

8
9 **Q. Are you recommending any adjustment to the PWSB's claims for miscellaneous**
10 **revenue?**

11 A. Yes, I am recommending an adjustment to the Board's claim with regard to miscellaneous
12 non-operating revenue. Consistent with my recommendations regarding metered sales
13 revenue and wholesale sales revenue, I am recommending that a four-year average be used
14 for miscellaneous non-operating revenue. In calculating my four-year average, I eliminated
15 the test year revenue that was non-recurring. Following are the miscellaneous non-
16 operating revenues for each of the past four years, including the test year actual as adjusted
17 to eliminate non-recurring items:

1

	Miscellaneous Non-Operating Revenue
Test Year	\$6,990
FY 2006	\$28,576
FY 2005	\$14,836
FY 2004	\$11,581
Four Year Average	\$15,496

2

3

4

Thus, my adjustment results in an increase of \$8,506 to the Board's claim. My adjustment is shown in Schedule ACC-8.

5

6 **Q. Is your recommendation consistent with the Commission's finding in the last PWSB**
7 **rate case?**

8

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13

14

A. Yes, it is. In that case, the PWSB proposed the use of a six-year average to determine miscellaneous non-operating revenue while the Division proposed the use of a five-year average, consistent with its recommendation regarding retail sales. The Commission adopted the Division's recommendation in that case that a five-year average should be used for miscellaneous non-operating revenue. Therefore, while the multi-year average that I am proposing in this case is slightly shorter than the time frame adopted by the Commission, it still reflects a multi-year averaging methodology. I believe that the use

1 of a multi-year average is more appropriate than the use of a single test year amount,
2 given the fluctuations that occur in miscellaneous non-operating revenue from year-to-
3 year. Therefore, to be consistent with my acceptance of a four-year average for other
4 revenue components, and to be consistent with the Commission's adoption of a multi-
5 year average in the last case, I have used a four-year average for miscellaneous non-
6 operating revenue.

7
8 **Q. Have you updated the four-year average of miscellaneous non-operating revenue to**
9 **include data for fiscal year 2008?**

10 A. No, I have not. The PWSB has not yet provided actual test year amounts for miscellaneous
11 non-operating revenue. However, I would have no objection to the four-year average being
12 updated to reflect the most recent fiscal year data.

13
14 **Q. Are you recommending any adjustment to any other categories of miscellaneous**
15 **revenue?**

16 A. Yes, I am. It is my understanding that the PWSB collects a surcharge imposed by the State
17 of Rhode Island that is based on the volume of water sold to retail customers, with certain
18 elderly consumption being exempt from the surcharge. The PWSB retains \$0.01511 per
19 HCF of the amount collected pursuant to this state surcharge. Since I am recommending an
20 adjustment to increase the PWSB's total retail sales, then it is necessary to make a
21 corresponding adjustment to increase that portion of the surcharge that is retained by the

1 PWSB.² My adjustment is shown on Schedule ACC-9

2
3 **Q. How did you quantify your adjustment?**

4 A. As shown in PWSB Schedule DGB-8, the PWSB estimates that only 92.0% of usage from
5 5/8” meters is subject to the surcharge, while the surcharge is applied to all usage from larger
6 meters. Therefore, at Schedule ACC-9, I have included only 92% of my volumetric
7 adjustments from 5/8” meters. I have also included 100% of my recommended volumetric
8 adjustments from medium and large meters. I have not included any wholesale sales
9 adjustments in Schedule ACC-9, since it is my understanding that wholesale sales are not
10 subject to the state surcharge.

11
12 **H. Salaries and Wages**

13 **Q. Please summarize the PWSB’s claim in this proceeding relating to salaries and wages.**

14 In this case, the PWSB is requesting funding for 53 employees, excluding the position
15 funded through the Infrastructure Rehabilitation Fund (“IFR”). The PWSB’s request
16 includes funding for one new position, that of Collections Assistant. The Board states
17 that this position is required in order to improve its collections and it has provided a
18 Collections Plan for the new employee. According to the testimony of Mr. DeCelles at
19 page 8, “the number of delinquent accounts has increased significantly in the past year.”

² The portion of the surcharge proceeds that are actually paid to the State of Rhode Island are considered a direct pass-through and therefore they do not appear in the revenue requirement developed by either the Division or the PWSB.

1 According to Mr. DeCelles's testimony, "the primary responsibilities for the Collections
2 Assistant will be tagging delinquent accounts, terminating water service, restoring water
3 service, assisting the Customer Service Representative including performing the duties of
4 the customer service representative in this individual's absence." Over the past twelve
5 months, the PWSB's monthly accounts receivable balance has ranged from \$2.0 million
6 to \$4.5 million, according to the response to DIV 1-22.

7
8 **Q. Have you included payroll costs for the new Collections Assistant in your revenue**
9 **requirement recommendation?**

10 A. Yes, I have. According to the response to DIV 1-5, the PWSB will seek approval from
11 the City of Pawtucket to fill this position once the Commission approves its request for
12 funding in this case. Given that the PWSB's accounts receivables have increased, and
13 the fact that the Board has provided a Collections Plan for this new position, I have
14 included funding for this new position in my revenue requirement recommendation.

15
16 **Q. In prior cases, you have raised concerns about the number of vacant positions at the**
17 **PWSB. In addition to the Collections Assistant position, does the Board have any**
18 **positions that are currently vacant?**

19 A. There is currently only one position vacant, which is the Assistant Chief Engineer.
20 According to the response to DIV 1-4, that position was previously held by James
21 DeCelles. Effective March 11, 2008, Mr. DeCelles assumed the position of Chief

1 Engineer and the PWSB is conducting “an active search” for his replacement.

2 Moreover, according to the response to DIV 1-6, it appears that the PWSB had, on
3 average, a full complement of employees during the test year. Although the Board did have
4 vacancies of between one and three full-time employees during the test year, it also had
5 between one and six seasonal or temporary employees, each month. Therefore, on average,
6 it appears that the test year was reasonably representative of a full complement of
7 employees.

8
9 **Q. Are you recommending any adjustment to the PWSB’s claim for salary and wage**
10 **costs?**

11 A. Yes, I am. While I am generally comfortable with the number of employees being
12 claimed by the PWSB, the overall salary and wage claim still appears excessive. The
13 Board is requesting total payroll costs of \$2.96 million, which is over 23% higher than its
14 actual test year costs. The PWSB has not provided a comparison of actual test year vs.
15 rate year costs by employee. As discussed on page 9 of Mr. Benson’s testimony, the
16 majority of PWSB’s employees are union employees, members of either Teamster Union
17 Local 251 or AFSCME Union Local 1012. The Teamster Union contract expired as of
18 June 30, 2007 and negotiations are continuing between the City of Pawtucket and the
19 union. The AFSCME contract expired June 30, 2008 and, at the time that the Board filed
20 its Direct Testimony, negotiations had not yet begun. Since the PWSB does not have
21 current contracts with either of these unions, the Board used projected increases of 3.5%

1 annually for 2 ½ years (from June 30, 2007 to December 31, 2009) to develop its salary
2 and wage claim. Thus, one would expect increases of approximately 9.0% from the test
3 year to the rate year (1.035 X 1.035 X 1.0175). Even if one includes the additional
4 salary and wage costs for the currently vacant position and the new Collections Assistant
5 position, the PWSB claim appears unreasonably high. Therefore, I am recommending an
6 adjustment to the Board's claim, as shown in Schedule ACC-10.

7
8 **Q. How did you develop the pro forma level of salary and wage costs that you are**
9 **recommending in this case?**

10 **A.** In order to determine my pro forma salary and wage costs, I began with the actual test
11 year payroll and made an adjustment to increase those costs by 9.0%. I then added the
12 projected rate year costs for the currently vacant position of Assistant Chief Engineer,
13 and projected rate year costs for the new Collections Assistant. My adjustments result in
14 a total rate year claim of \$2.74 million, about \$225,000 less than the PWSB's claim.

15
16 **Q. Have you also made an adjustment to the PWSB's payroll tax expense claim?**

17 **A.** Yes, I have. At Schedule ACC-11, I have made an adjustment to reduce the Board's pro
18 forma payroll tax expense claim. Since I am recommending a lower pro forma salary and
19 wage expense, it is necessary to make a corresponding adjustment to reduce the Board's pro
20 forma payroll tax expense claim. To quantify my adjustment, I used the statutory Social
21 Security and Medicare tax rate of 7.65%.

I. Pension Costs

Q. How did the Board determine its pension expense claim in this case?

A. As discussed on page 10 of Mr. Benson's testimony, PWSB employees are covered by the Municipal Employees Retirement System ("MERS"), which is administered by the State. The contribution rate during the test year was 7.6%, while the rate for fiscal year 2008 was 9.61%. In its filing, the Board utilized a rate of 14.0% for the rate year.

Q. Are you recommending any adjustment to the PWSB's claim for pension costs?

A. Yes, I am. Subsequent to the filing of its testimony, the PWSB was notified that its contribution rate for fiscal year 2009 is 11.87%, as stated in the response to DIV 1-13. Therefore, at Schedule ACC-11, I have made an adjustment to reduce the PWSB's claimed pension costs to reflect the 11.87% contribution rate. In addition, on Schedule ACC-12, I have also eliminated the pension contribution on the salary and wage costs that I propose to eliminate from the PWSB's revenue requirement, as discussed above.

J. Police Details – Central Falls

Q. How did the PWSB develop its claim for police detail costs?

A. The PWSB incurs costs for police details in Pawtucket, Central Falls, and Cumberland. To develop its rate year claim in this case, the PWSB annualized costs incurred during the seven-month period ending January 31, 2008, and then applied the annual inflation

1 adjustment to the annualized amount to reflect inflationary increases over the next one
2 and one-half years. However, in developing its annualization adjustment, it first doubled
3 the actual seven-month costs from Central Falls. The PWSB argues that Central Falls has
4 required an excessive level of police oversight for work performed in Central Falls.
5 Accordingly, the Board states that it is only performing emergency repair service in
6 Central Falls until this dispute with the police is resolved and therefore the PWSB
7 believes that costs incurred for the seven months ending January 31, 2008 were not
8 representative of rate year costs.

9
10 **Q. Are you recommending any adjustment to the Board's claim?**

11 A. Yes, I am. I believe that the adjustment to double the actual charges from Central Falls
12 incurred during the seven-month period ending January 31, 2008, and then to annualize
13 the resulting total costs, is arbitrary and should be rejected by the Commission. The
14 PWSB has not demonstrated that its methodology results in a reasonable level of pro
15 forma costs for the rate year. Therefore, at Schedule ACC-13, I have made an adjustment
16 to annualize police detail costs from Central Falls based on annualizing the actual costs
17 for the seven months ending January 31, 2008 and then applying one and one-half years
18 of the inflation adjustment, consistent with the methodology used by the PWSB for
19 police detail costs in Pawtucket and in Cumberland.

K. General Liability Insurance

Q. How did the PWSB develop its claim for general liability insurance?

A. As shown on PWSB Schedule CPNW 1.1, page 2, the Board's claim for general liability insurance includes both an inflationary increase, as well as an additional increase of \$50,000 to relating to new facilities. Mr. Benson states on page 11 of his testimony that this additional adjustment of \$50,000 was estimated by the PWSB's insurance agent. However, no supporting documentation for this adjustment was provided by the Board.

Mr. Benson went on to state that the Board's current policy was due to expire on June 30, 2008. He indicated in response to DIV 1-15 that the Board expected to advertise a Request for Proposal by May 19th and to award a contract for fiscal year 2009 general liability insurance by June 24, 2008.

Q. Are you recommending any adjustment to the Board's claim for general liability insurance costs?

A. Yes, I am. I am recommending that the Commission eliminate the \$50,000 adjustment made by the PWSB, since this adjustment is largely unsupported by the Board. Therefore, at Schedule ACC-14, I have made an adjustment to reduce the Board's general liability costs by \$50,000. However, based on the response to DIV 1-15, it appears that the PWSB either has entered into a new agreement for fiscal year 2009 or will enter into such an agreement in the near future. Accordingly, I am also recommending that the Board's general liability insurance costs be updated with the new premium costs for fiscal year 2009 once that

information is provided by the PWSB.

L. Property Tax Expense

Q. How did the Board determine its property tax expense claim in this case?

A. The Board has reflected a property tax increase of 3.5% annually between the end of the test year and the end of the rate year, as discussed on page 9 of Mr. Woodcock's Direct Testimony. However, based on my review of documentation in this case, I believe that the PWSB's claim is overstated.

The largest component of the PWSB's property tax liability is paid to the Town of Cumberland. PWSB and the Town of Cumberland have been involved in a tax dispute in Superior Court. PWSB and Cumberland have now agreed to resolve issues relating to certain tax assessments for the tax years between 2002 and 2007. This agreement between the parties provided for a total refund to the PWSB of \$1,574,345. This refund includes a payment of \$1 million to the PWSB that was made in December 2007, plus an additional payment of \$574,345 that will be provided through annual tax credits of \$200,000 per year.

In response to COMM 1-15, the PWSB indicated that the 2008 tax bills from Cumberland for real property and tangible property total \$608,305, excluding the credit for prior periods discussed above. The actual test year charges incurred by the PWSB included Cumberland taxes of \$696,359 per Item 2.9(i) of the Board's filing. Therefore, it appears that the PWSB's property tax claim is overstated, since the current year tax

1 liability from Cumberland is less than the cost incurred in the test year. Accordingly, I
2 am recommending that the Board's inflation adjustment relating to the property taxes be
3 eliminated. My adjustment is shown in Schedule ACC-15. At this time, I am not
4 recommending that the actual test year costs be reduced (other than through the credit
5 discussed above), but this is an issue that the Commission may want to explore further
6 during the hearing phase of this case.

7
8 **M. Operating Revenue Allowance**

9 **Q. What do you mean by the PWSB's "Operating Revenue Allowance"?**

10 A. The PWSB is not an investor-owned utility. Accordingly, it is regulated on a cash flow
11 basis. The PWSB's revenue requirement does not include any return on rate base, which is
12 traditionally included in the revenue requirement of an investor-owned utility. However, the
13 Commission has in the past allowed municipal water utilities to collect an operating revenue
14 allowance of 1.5% in order to mitigate cash flow problems, and to provide for unforeseen
15 expenditures or reduced revenue.

16 In recent years, the Commission has applied the 1.5% operating revenue allowance to
17 a utility's operating expenses. In this case, the PWSB is requesting an operating revenue
18 allowance of 5.0%. Moreover, the PWSB is requesting that the 5.0% be applied not only to
19 operating expenses, but to the total rate revenues of the utility, including revenues designed
20 to recover such fixed costs as debt service costs and the IFR. The PWSB is requesting
21 annual funding of \$924,649 relating to its Operating Revenue Allowance in its filing. This

1 claim constitutes almost 30% of the total rate increase being requested by the PWSB.

2
3 **Q. Does the PWSB have another reserve fund available to meet fluctuations in cash flow?**

4 A. Yes, it does. The PWSB also has an Operating Reserve Fund, which is required to be funded
5 at 25% of the PWSB's annual operating expenses based on its annual budget. It is my
6 understanding that this reserve can be used to make payments for operation and maintenance
7 costs if the amounts in the operation and maintenance fund are insufficient to meet the
8 operating costs of the PWSB. Thus, in the event of revenue shortfalls or unanticipated
9 expense increases, the Operating Reserve Fund can be used, although the Operating Reserve
10 would subsequently need to be replenished. According to the response to DIV 1-24, the
11 Operating Reserve Fund was expected to have a balance of almost \$2.7 million by the end of
12 the 2008 fiscal year. Moreover, the PWSB is not requesting any funding for this account in
13 prospective rates due to the fact that the fund will be fully funded.

14
15 **Q. What are you recommending in this case?**

16 A. While I believe that an additional Operating Revenue Allowance is unnecessary, given the
17 Operating Reserve Fund of almost \$2.7 million that has already been funded by ratepayers, I
18 recognize that the Commission has permitted the PWSB to include an Operating Reserve
19 Allowance in past cases. Specifically, in the Board's last base rate case, Docket No. 3674,
20 the Commission adopted a 1.5% Operating Revenue Allowance based on the PWSB's rate
21 year operating and maintenance expenses. In its Order in that case, the Commission stated

1 that “as a policy matter, we believe that it is more reasonable to attempt to accurately project
2 consumption that to provide a one million dollar slush fund to a utility the size of PWSB.”³
3 Accordingly, in this case, I am recommending that the Commission once again adopt a 1.5%
4 Operating Revenue Allowance for the PWSB, based on its pro forma rate year operating and
5 maintenance costs.

6 As shown on Schedule ACC-16, I have made an adjustment to the PWSB’s claim for
7 an Operating Revenue Allowance of 5% of total costs. I calculated my pro forma Operating
8 Revenue Allowance based on 1.5% of my pro forma rate year operating expenses, resulting
9 in an Operating Revenue Allowance of \$139,071 instead of the \$924,649 requested by the
10 PWSB.

11
12 **Q. Do you have any additional comments regarding the PWSB’s claim for an Operating**
13 **Revenue Allowance?**

14 **A.** Yes. It should be noted that in the PWSB’s last base rate case, there was serious
15 disagreement between the Board and the Division with regard to the methodology to be used
16 to determine retail sales. However, in this case, I have accepted the methodology proposed
17 by the Board for the majority of its rate classes. In discussing its finding with regard to the
18 Operating Revenue Allowance in Docket No. 3674, the Commission noted on page 29 of its
19 Order that the pro forma consumption level it was using to set rates was very close to the
20 consumption claimed by the Board. Similarly, in this case, there is little disagreement

3 Order in Docket No. 3674, page 29.

1 between the Division and the Board with regard to the methodology for determining retail
2 sales. Since the Division has largely accepted the Board's proposed methodology for
3 determining retail sales, there is even less reason to provide for an Operating Revenue
4 Allowance, and certainly no reason to increase the allowance to more than the 1.5% of
5 operating expenses approved by the Commission in Docket No. 3674.

6
7 **N. Debt Service Costs**

8 **Q. How did the Board determine its debt service claim in this case?**

9 A. As shown in PWSB Schedule CPNW 1.1, the Board's fiscal year 2009 debt service is
10 \$6,673,455 and its fiscal year 2010 debt service is \$6,688,543. Although the rate year in
11 this case is calendar year 2009, PWSB has included the fiscal year 2010 debt service of
12 \$6,688,543 in its claim. However, it has offset this debt service requirement with a
13 credit from the debt stabilization fund of \$952,529. The net effect is that the PWSB has
14 only requested authorization in this case to recover annual debt service of \$5,736,014
15 through its rate revenue. This is the same amount included by the Commission in its last
16 rate order.

17
18 **Q. Are you recommending any adjustment to the PWSB's debt service claim in this**
19 **case?**

20 A. No. Generally, I would oppose the inclusion of the fiscal year 2010 debt service in rates,
21 since the rate year is calendar year 2009. However, in this case, any reduction to the

1 PWSB's debt service costs would presumably be offset with a reduction to the credit
2 from the debt stabilization fund, unless the Division proposed that the net amount
3 collected in rates be reduced from the funding level approved in the Board's last base rate
4 case. Given the debt service amounts that the PWSB will incur in the future, I believe
5 that it is reasonable to maintain the level of debt service collections at the level approved
6 by the Commission in the Board's last base rate case. Accordingly, I am not proposing
7 any adjustment to the Board's debt service claim, particularly since the difference
8 between the calendar year 2009 debt service costs and the fiscal year 2010 debt service
9 costs is relatively small.

10
11 **P. Terminated Reserve Accounts**

12 **Q. Does the PWSB have any reserve accounts that it claims are no longer required?**

13 A. Yes, it does. As discussed on pages 4-7 of Mr. Benson's Direct Testimony, there are
14 several reserve accounts that the Board claims are no longer required. These include the
15 following:

- 16
17 1. Water Treatment Plant Reserve – The PWSB claims that this reserve is no longer
18 needed with the new treatment plant going on-line. The balance in this reserve
19 account at February 29, 2008 was \$673,357. PWSB is requesting authorization to
20 keep these funds restricted and to use them for decommissioning of the old treatment
21 plant. PWSB estimates that decommissioning of the plant will cost approximately

1 \$700,000.

2

3 2. Central Falls Franchise Fee Account – With the purchase of the Central Falls system

4 in August 2007, this account is no longer necessary. The Central Falls Franchise Fee

5 Account had a balance of \$33,091 at February 29, 2008. PWSB is requesting

6 authorization to keep these funds restricted and to also use these funds for

7 decommissioning of the old treatment facility.

8

9 3. Central Falls Distribution System Fund – Similar to the Central Falls Franchise Fee

10 Account, this account is no longer necessary now that the Central Falls system has

11 been acquired by the PWSB. This account was never funded by the Board and is

12 now closed.

13

14 4. Calgon Ultra Violet (“UV”) Treatment License Fees Account – This account was

15 established in anticipation of litigation regarding a patent held by Calgon Corporation

16 for a treatment process used at the new treatment plant. As discussed on page 7 of

17 Mr. Benson’s Direct Testimony, a federal court has declared that the Calgon patent is

18 invalid and the PWSB has not included any patent fees in its revenue requirement

19 claim in this case. This restricted account was never funded by the PWSB and

20 therefore there are no funds in this account. The PWSB is requesting authorization to

21 close this account.

1
2 5. Cumberland Tax Dispute - As discussed above, the PWSB has reached an agreement
3 to resolve part of its tax dispute with the Town of Cumberland. As a result,
4 Cumberland paid the PWSB \$1 million in December 2007. In addition, it will
5 provide another \$574,345 to the PWSB by providing annual tax credits of \$200,000
6 per year. The Board is proposing to utilize \$350,000 of the \$1 million payment to
7 complete a project to survey and consolidate its watershed properties in the Town of
8 Cumberland, as discussed on page 11 of Mr. DeCelles's Direct Testimony. In
9 addition, it is proposing to utilize the remaining \$650,000 for future watershed
10 purchases.

11
12 I am not opposed to the PWSB's proposals to terminate the funding of these
13 reserve accounts or its proposal to close those reserve accounts that are no longer
14 required. Nor do I oppose the PWSB's proposals with regard to the disposition of funds
15 remaining in these accounts. However, I recommend that the PWSB periodically report
16 to the Commission and to the Division on the status of its decommissioning activities.
17 Specifically, I am recommending a quarterly report, summarizing the decommissioning
18 activities and the amounts spent each quarter. In addition, the PWSB should provide a
19 quarterly report to both the Commission and to the Division regarding its watershed
20 survey and consolidation activities in the Town of Cumberland. These reports should be
21 provided, as applicable, until the Board's next base rate case.

V. SUMMARY OF REVENUE REQUIREMENT RECOMMENDATIONS**Q. What is the result of the adjustments that you are recommending in this case?**

A. My adjustments reduce the PWSB's revenue requirement from the \$20,938,109 reflected in Mr. Woodcock's testimony to \$19,718,705. Based on my pro forma revenue recommendation at present rates of \$18,080,820 (including miscellaneous revenue of \$1,529,456), I recommend a rate increase of \$1,637,884 or 9.90% of total rate revenue.

To summarize, I am recommending the following adjustments to the PWSB's claim, as shown in Schedule ACC-17:

Residential Consumption	(\$87,714)
Commercial Consumption	\$100,672
Customer Growth Adjustment	\$80,890
Wholesale Sales	\$128,389
Private Fire Service	\$20,881
Incremental Power Expense	(\$23,941)
Mis. Non-Operating Revenue	\$8,506
State Surcharge Revenue	\$475
Salaries and Wages	\$225,228
Payroll Tax Expense	\$17,230
Pension Contributions	\$69,165
Police Details	\$20,324
General Liability Insurance	\$50,000
Property Taxes	\$75,822
Operating Revenue Allowance	\$785,578
Total Reduction to PWSB's Claim	\$1,471,503

Q. Does this conclude your testimony?

A. Yes, it does.

APPENDIX A

List of Prior Testimonies

<u>Company</u>	<u>Utility</u>	<u>State</u>	<u>Docket</u>	<u>Date</u>	<u>Topic</u>	<u>On Behalf Of</u>
New Jersey American Water Co.	W/WW	New Jersey	WR08010020	7/08	Consolidated Income Taxes	Division of Rate Counsel
New Jersey Natural Gas Company	G	New Jersey	GR07110889	5/08	Revenue Requirement	Division of Rate Counsel
Kansas Electric Power Cooperative, Inc.	E	Kansas	08-KEPE-597-RTS	5/08	Revenue Requirements Cost of Capital	Citizens' Utility Ratepayer Board
Public Service Electric and Gas Company	E	New Jersey	EX02060363 EA02060366	5/08	Deferred Balances Audit	Division of Rate Counsel
Cablevision Systems Corporation	C	New Jersey	CR07110894, et al.	5/08	Forms 1240 and 1205	Division of Rate Counsel
Midwest Energy, Inc.	E	Kansas	08-MDWE-594-RTS	5/08	Revenue Requirements Cost of Capital	Citizens' Utility Ratepayer Board
Chesapeake Utilities Corporation	G	Delaware	07-246F	4/08	Gas Service Rates	Division of the Public Advocate
Comcast Cable	C	New Jersey	CR07100717-946	3/08	Form 1240	Division of Rate Counsel
Generic Commission Investigation	G	New Mexico	07-00340-UT	3/08	Weather Normalization	New Mexico Office of Attorney General
Southwestern Public Service Company	E	New Mexico	07-00319-UT	3/08	Revenue Requirements Cost of Capital	New Mexico Office of Attorney General
Delmarva Power and Light Company	G	Delaware	07-239F	2/08	Gas Cost Rates	Division of the Public Advocate
Atmos Energy Corp.	G	Kansas	08-ATMG-280-RTS	1/08	Revenue Requirements Cost of Capital	Citizens' Utility Ratepayer Board
Aquila /Black Hills / Kansas City Power & Light	E	Kansas	07-BHCG-1063-ACQ 07-KCPE-1064-ACQ	12/07	Utility Acquisitions	Citizens' Utility Ratepayer Board
Chesapeake Utilities Corporation	G	Delaware	07-186	12/07	Cost of Capital Regulatory Policy	Division of the Public Advocate
Westar Energy, Inc.	E	Kansas	08-WSEE-309-PRE	11/07	Predetermination of Wind Generation	Citizens' Utility Ratepayer Board
Public Service Electric and Gas Company	E/G	New Jersey	ER07050303 GR07050304	11/07	Societal Benefits Charge	Division of Rate Counsel
Public Service Company of New Mexico	E	New Mexico	07-00077-UT	10/07	Revenue Requirements Cost of Capital	New Mexico Office of Attorney General
Public Service Electric and Gas Company	E	New Jersey	EO07040278	9/07	Solar Cost Recovery	Division of Rate Counsel
Comcast Cable	C	New Jersey	CR07030147	8/07	Form 1205	Division of Rate Counsel
Kansas City Power & Light Company	E	Kansas	07-KCPE-905-RTS	8/07	Revenue Requirements Cost of Capital	Citizens' Utility Ratepayer Board
Cablevision Systems Corporation	C	New Jersey	CR06110781, et al.	5/07	Cable Rates - Forms 1205 and 1240	Division of Rate Counsel
Westar Energy, Inc.	E	Kansas	05-WSEE-981-RTS	4/07	Revenue Requirements Issues on Remand	Citizens' Utility Ratepayer Board
Delmarva Power and Light Company	G	Delaware	06-285F	4/07	Gas Cost Rates	Division of the Public Advocate

The Columbia Group, Inc., Testimonies of Andrea C. Crane

<u>Company</u>	<u>Utility</u>	<u>State</u>	<u>Docket</u>	<u>Date</u>	<u>Topic</u>	<u>On Behalf Of</u>
Comcast of Jersey City, et al.	C	New Jersey	CR06070558	4/07	Cable Rates	Division of Rate Counsel
Westar Energy	E	Kansas	07-WSEE-616-PRE	3/07	Pre-Approval of Generation Facilities	Citizens' Utility Ratepayer Board
Woonsocket Water Division	W	Rhode Island	3800	3/07	Revenue Requirements	Division of Public Utilities and Carriers
Aquila - KGO	G	Kansas	07-AQLG-431-RTS	3/07	Revenue Requirements Cost of Capital	Citizens' Utility Ratepayer Board
Chesapeake Utilities Corporation	G	Delaware	06-287F	3/07	Gas Service Rates	Division of the Public Advocate
Delmarva Power and Light Company	G	Delaware	06-284	1/07	Revenue Requirements Cost of Capital	Division of the Public Advocate
El Paso Electric Company	E	New Mexico	06-00258 UT	11/06	Revenue Requirements	New Mexico Office of Attorney General
Aquila, Inc. / Mid-Kansas Electric Co.	E	Kansas	06-MKEE-524-ACQ	11/06	Proposed Acquisition	Citizens' Utility Ratepayer Board
Public Service Company of New Mexico	G	New Mexico	06-00210-UT	11/06	Revenue Requirements	New Mexico Office of Attorney General
Atlantic City Electric Company	E	New Jersey	EM06090638	11/06	Sale of B.L. England	Division of Rate Counsel
United Water Delaware, Inc.	W	Delaware	06-174	10/06	Revenue Requirements Cost of Capital	Division of the Public Advocate
Public Service Electric and Gas Company	G	New Jersey	GR05080686	10/06	Societal Benefits Charge	Division of Rate Counsel
Comcast (Avalon, Maple Shade, Gloucester)	C	New Jersey	CR06030136-139	10/06	Form 1205 and 1240 Cable Rates	Division of Rate Counsel
Kansas Gas Service	G	Kansas	06-KGSG-1209-RTS	9/06	Revenue Requirements Cost of Capital	Citizens' Utility Ratepayer Board
New Jersey American Water Co. Elizabethtown Water Company Mount Holly Water Company	W	New Jersey	WR06030257	9/06	Regulatory Policy Taxes Cash Working Capital	Division of Rate Counsel
Tidewater Utilities, Inc.	W	Delaware	06-145	9/06	Revenue Requirements Cost of Capital	Division of the Public Advocate
Artesian Water Company	W	Delaware	06-158	9/06	Revenue Requirements Cost of Capital	Division of the Public Advocate
Kansas City Power & Light Company	E	Kansas	06-KCPE-828-RTS	8/06	Revenue Requirements Cost of Capital	Citizens' Utility Ratepayer Board
Midwest Energy, Inc.	G	Kansas	06-MDWG-1027-RTS	7/06	Revenue Requirements Cost of Capital	Citizens' Utility Ratepayer Board
Chesapeake Utilities Corporation	G	Delaware	05-315F	6/06	Gas Service Rates	Division of the Public Advocate
Cablevision Systems Corporation	C	New Jersey	CR05110924, et al.	5/06	Cable Rates - Forms 1205 and 1240	Division of the Ratepayer Advocate
Montague Sewer Company	WW	New Jersey	WR05121056	5/06	Revenue Requirements	Division of the Ratepayer Advocate

The Columbia Group, Inc., Testimonies of Andrea C. Crane

<u>Company</u>	<u>Utility</u>	<u>State</u>	<u>Docket</u>	<u>Date</u>	<u>Topic</u>	<u>On Behalf Of</u>
Comcast of South Jersey	C	New Jersey	CR05119035, et al.	5/06	Cable Rates - Form 1240	Division of the Ratepayer Advocate
Comcast of New Jersey	C	New Jersey	CR05090826-827	4/06	Cable Rates - Form 1240	Division of the Ratepayer Advocate
Parkway Water Company	W	New Jersey	WR05070634	3/06	Revenue Requirements Cost of Capital	Division of the Ratepayer Advocate
Aqua Pennsylvania, Inc.	W	Pennsylvania	R-00051030	2/06	Revenue Requirements	Office of Consumer Advocate
Delmarva Power and Light Company	G	Delaware	05-312F	2/06	Gas Cost Rates	Division of the Public Advocate
Delmarva Power and Light Company	E	Delaware	05-304	12/05	Revenue Requirements Cost of Capital	Division of the Public Advocate
Artesian Water Company	W	Delaware	04-42	10/05	Revenue Requirements Cost of Capital (Remand)	Division of the Public Advocate
Utility Systems, Inc.	WW	Delaware	335-05	9/05	Regulatory Policy	Division of the Ratepayer Advocate
Westar Energy, Inc.	E	Kansas	05-WSEE-981-RTS	9/05	Revenue Requirements	Citizens' Utility Ratepayer Board
Empire Electric District Company	E	Kansas	05-EPDE-980-RTS	8/05	Revenue Requirements Cost of Capital	Citizens' Utility Ratepayer Board
Comcast Cable	C	New Jersey	CR05030186	8/05	Form 1205	Division of the Ratepayer Advocate
Pawtucket Water Supply Board	W	Rhode Island	3674	7/05	Revenue Requirements	Division of Public Utilities and Carriers
Delmarva Power and Light Company	E	Delaware	04-391	7/05	Standard Offer Service	Division of the Public Advocate
Patriot Media & Communications CNJ, LLC	C	New Jersey	CR04111453-455	6/05	Cable Rates	Division of the Ratepayer Advocate
Cablevision	C	New Jersey	CR04111379, et al.	6/05	Cable Rates	Division of the Ratepayer Advocate
Comcast of Mercer County, LLC	C	New Jersey	CR04111458	6/05	Cable Rates	Division of the Ratepayer Advocate
Comcast of South Jersey, LLC, et al.	C	New Jersey	CR04101356, et al.	5/05	Cable Rates	Division of the Ratepayer Advocate
Comcast of Central New Jersey LLC, et al.	C	New Jersey	CR04101077, et al.	4/05	Cable Rates	Division of the Ratepayer Advocate
Kent County Water Authority	W	Rhode Island	3660	4/05	Revenue Requirements	Division of Public Utilities and Carriers
Aquila, Inc.	G	Kansas	05-AQLG-367-RTS	3/05	Revenue Requirements Cost of Capital Tariff Issues	Citizens' Utility Ratepayer Board
Chesapeake Utilities Corporation	G	Delaware	04-334F	3/05	Gas Service Rates	Division of the Public Advocate

The Columbia Group, Inc., Testimonies of Andrea C. Crane

<u>Company</u>	<u>Utility</u>	<u>State</u>	<u>Docket</u>	<u>Date</u>	<u>Topic</u>	<u>On Behalf Of</u>
Delmarva Power and Light Company	G	Delaware	04-301F	3/05	Gas Cost Rates	Division of the Public Advocate
Delaware Electric Cooperative, Inc.	E	Delaware	04-288	12/04	Revenue Requirements Cost of Capital	Division of the Public Advocate
Public Service Company of New Mexico	E	New Mexico	04-00311-UT	11/04	Renewable Energy Plans	Office of the New Mexico Attorney General
Woonsocket Water Division	W	Rhode Island	3626	10/04	Revenue Requirements	Division of Public Utilities and Carriers
Aquila, Inc.	E	Kansas	04-AQLE-1065-RTS	10/04	Revenue Requirements Cost of Capital	Citizens' Utility Ratepayer Board
United Water Delaware, Inc.	W	Delaware	04-121	8/04	Conservation Rates (Affidavit)	Division of the Public Advocate
Atlantic City Electric Company	E	New Jersey	ER03020110 PUC 06061-2003S	8/04	Deferred Balance Phase II	Division of the Ratepayer Advocate
Kentucky American Water Company	W	Kentucky	2004-00103	8/04	Revenue Requirements	Office of Rate Intervention of the Attorney General
Shorelands Water Company	W	New Jersey	WR04040295	8/04	Revenue Requirements Cost of Capital	Division of the Ratepayer Advocate
Artesian Water Company	W	Delaware	04-42	8/04	Revenue Requirements Cost of Capital	Division of the Public Advocate
Long Neck Water Company	W	Delaware	04-31	7/04	Cost of Equity	Division of the Public Advocate
Tidewater Utilities, Inc.	W	Delaware	04-152	7/04	Cost of Capital	Division of the Public Advocate
Cablevision	C	New Jersey	CR03100850, et al.	6/04	Cable Rates	Division of the Ratepayer Advocate
Montague Water and Sewer Companies	W/WW	New Jersey	WR03121034 (W) WR03121035 (S)	5/04	Revenue Requirements	Division of the Ratepayer Advocate
Comcast of South Jersey, Inc.	C	New Jersey	CR03100876,77,79,80	5/04	Form 1240 Cable Rates	Division of the Ratepayer Advocate
Comcast of Central New Jersey, et al.	C	New Jersey	CR03100749-750 CR03100759-762	4/04	Cable Rates	Division of the Ratepayer Advocate
Time Warner	C	New Jersey	CR03100763-764	4/04	Cable Rates	Division of the Ratepayer Advocate
Interstate Navigation Company	N	Rhode Island	3573	3/04	Revenue Requirements	Division of Public Utilities and Carriers
Aqua Pennsylvania, Inc.	W	Pennsylvania	R-00038805	2/04	Revenue Requirements	Pennsylvania Office of Consumer Advocate
Comcast of Jersey City, et al.	C	New Jersey	CR03080598-601	2/04	Cable Rates	Division of the Ratepayer Advocate
Delmarva Power and Light Company	G	Delaware	03-378F	2/04	Fuel Clause	Division of the Public Advocate
Atmos Energy Corp.	G	Kansas	03-ATMG-1036-RTS	11/03	Revenue Requirements	Citizens' Utility Ratepayer Board

The Columbia Group, Inc., Testimonies of Andrea C. Crane

<u>Company</u>	<u>Utility</u>	<u>State</u>	<u>Docket</u>	<u>Date</u>	<u>Topic</u>	<u>On Behalf Of</u>
Aquila, Inc. (UCU)	G	Kansas	02-UTCG-701-GIG	10/03	Using utility assets as collateral	Citizens' Utility Ratepayer Board
CenturyTel of Northwest Arkansas, LLC	T	Arkansas	03-041-U	10/03	Affiliated Interests	The Arkansas Public Service Commission General Staff
Borough of Butler Electric Utility	E	New Jersey	CR03010049/63	9/03	Revenue Requirements	Division of the Ratepayer Advocate
Comcast Cablevision of Avalon Comcast Cable Communications	C	New Jersey	CR03020131-132	9/03	Cable Rates	Division of the Ratepayer Advocate
Delmarva Power and Light Company d/b/a Conectiv Power Delivery	E	Delaware	03-127	8/03	Revenue Requirements	Division of the Public Advocate
Kansas Gas Service	G	Kansas	03-KGSG-602-RTS	7/03	Revenue Requirements	Citizens' Utility Ratepayer Board
Washington Gas Light Company	G	Maryland	8959	6/03	Cost of Capital Incentive Rate Plan	U.S. DOD/FEA
Pawtucket Water Supply Board	W	Rhode Island	3497	6/03	Revenue Requirements	Division of Public Utilities and Carriers
Atlantic City Electric Company	E	New Jersey	EO03020091	5/03	Stranded Costs	Division of the Ratepayer Advocate
Public Service Company of New Mexico	G	New Mexico	03-000-17 UT	5/03	Cost of Capital Cost Allocations	Office of the New Mexico Attorney General
Comcast - Hopewell, et al.	C	New Jersey	CR02110818 CR02110823-825	5/03	Cable Rates	Division of the Ratepayer Advocate
Cablevision Systems Corporation	C	New Jersey	CR02110838, 43-50	4/03	Cable Rates	Division of the Ratepayer Advocate
Comcast-Garden State / Northwest	C	New Jersey	CR02100715 CR02100719	4/03	Cable Rates	Division of the Ratepayer Advocate
Midwest Energy, Inc. and Westar Energy, Inc.	E	Kansas	03-MDWE-421-ACQ	4/03	Acquisition	Citizens' Utility Ratepayer Board
Time Warner Cable	C	New Jersey	CR02100722 CR02100723	4/03	Cable Rates	Division of the Ratepayer Advocate
Westar Energy, Inc.	E	Kansas	01-WSRE-949-GIE	3/03	Restructuring Plan	Citizens' Utility Ratepayer Board
Public Service Electric and Gas Company	E	New Jersey	ER02080604 PUC 7983-02	1/03	Deferred Balance	Division of the Ratepayer Advocate
Atlantic City Electric Company d/b/a Conectiv Power Delivery	E	New Jersey	ER02080510 PUC 6917-02S	1/03	Deferred Balance	Division of the Ratepayer Advocate
Wallkill Sewer Company	WW	New Jersey	WR02030193 WR02030194	12/02	Revenue Requirements Purchased Sewage Treatment Adj. (PSTAC)	Division of the Ratepayer Advocate
Midwest Energy, Inc.	E	Kansas	03-MDWE-001-RTS	12/02	Revenue Requirements	Citizens' Utility Ratepayer Board
Comcast-LBI Crestwood	C	New Jersey	CR02050272 CR02050270	11/02	Cable Rates	Division of the Ratepayer Advocate

<u>Company</u>	<u>Utility</u>	<u>State</u>	<u>Docket</u>	<u>Date</u>	<u>Topic</u>	<u>On Behalf Of</u>
Reliant Energy Arkla	G	Oklahoma	PUD200200166	10/02	Affiliated Interest Transactions	Oklahoma Corporation Commission, Public Utility Division Staff
Midwest Energy, Inc.	G	Kansas	02-MDWG-922-RTS	10/02	Gas Rates	Citizens' Utility Ratepayer Board
Comcast Cablevision of Avalon	C	New Jersey	CR02030134 CR02030137	7/02	Cable Rates	Division of the Ratepayer Advocate
RCN Telecom Services, Inc., and Home Link Communications	C	New Jersey	CR02010044, CR02010047	7/02	Cable Rates	Division of the Ratepayer Advocate
Washington Gas Light Company	G	Maryland	8920	7/02	Rate of Return Rate Design (Rebuttal)	General Services Administration (GSA)
Chesapeake Utilities Corporation	G	Delaware	01-307, Phase II	7/02	Rate Design Tariff Issues	Division of the Public Advocate
Washington Gas Light Company	G	Maryland	8920	6/02	Rate of Return Rate Design	General Services Administration (GSA)
Tidewater Utilities, Inc.	W	Delaware	02-28	6/02	Revenue Requirements	Division of the Public Advocate
Western Resources, Inc.	E	Kansas	01-WSRE-949-GIE	5/02	Financial Plan	Citizens' Utility Ratepayer Board
Empire District Electric Company	E	Kansas	02-EPDE-488-RTS	5/02	Revenue Requirements	Citizens' Utility Ratepayer Board
Southwestern Public Service Company	E	New Mexico	3709	4/02	Fuel Costs	Office of the New Mexico Attorney General
Cablevision Systems	C	New Jersey	CR01110706, et al	4/02	Cable Rates	Division of the Ratepayer Advocate
Potomac Electric Power Company	E	District of Columbia	945, Phase II	4/02	Divestiture Procedures	General Services Administration (GSA)
Vermont Yankee Nuclear Power Corp.	E	Vermont	6545	3/02	Sale of VY to Entergy Corp. (Supplemental)	Department of Public Service
Delmarva Power and Light Company	G	Delaware	01-348F	1/02	Gas Cost Adjustment	Division of the Public Advocate
Vermont Yankee Nuclear Power Corp.	E	Vermont	6545	1/02	Sale of VY to Entergy Corp.	Department of Public Service
Pawtucket Water Supply Company	W	Rhode Island	3378	12/01	Revenue Requirements	Division of Public Utilities and Carriers
Chesapeake Utilities Corporation	G	Delaware	01-307, Phase I	12/01	Revenue Requirements	Division of the Public Advocate
Potomac Electric Power Company	E	Maryland	8796	12/01	Divestiture Procedures	General Services Administration (GSA)
Kansas Electric Power Cooperative	E	Kansas	01-KEPE-1106-RTS	11/01	Depreciation Methodology (Cross Answering)	Citizens' Utility Ratepayer Board

<u>Company</u>	<u>Utility</u>	<u>State</u>	<u>Docket</u>	<u>Date</u>	<u>Topic</u>	<u>On Behalf Of</u>
Wellsboro Electric Company	E	Pennsylvania	R-00016356	11/01	Revenue Requirements	Office of Consumer Advocate
Kent County Water Authority	W	Rhode Island	3311	10/01	Revenue Requirements (Surrebuttal)	Division of Public Utilities and Carriers
Pepco and New RC, Inc.	E	District of Columbia	1002	10/01	Merger Issues and Performance Standards	General Services Administration (GSA)
Potomac Electric Power Co. & Delmarva Power	E	Delaware	01-194	10/01	Merger Issues and Performance Standards	Division of the Public Advocate
Yankee Gas Company	G	Connecticut	01-05-19PH01	9/01	Affiliated Transactions	Office of Consumer Counsel
Hope Gas, Inc., d/b/a Dominion Hope	G	West Virginia	01-0330-G-42T 01-0331-G-30C 01-1842-GT-T 01-0685-G-PC	9/01	Revenue Requirements (Rebuttal)	The Consumer Advocate Division of the PSC
Pennsylvania-American Water Company	W	Pennsylvania	R-00016339	9/01	Revenue Requirements (Surrebuttal)	Office of Consumer Advocate
Potomac Electric Power Co. & Delmarva Power	E	Maryland	8890	9/01	Merger Issues and Performance Standards	General Services Administration (GSA)
Comcast Cablevision of Long Beach Island, et al	C	New Jersey	CR01030149-50 CR01050285	9/01	Cable Rates	Division of the Ratepayer Advocate
Kent County Water Authority	W	Rhode Island	3311	8/01	Revenue Requirements	Division of Public Utilities and Carriers
Pennsylvania-American Water Company	W	Pennsylvania	R-00016339	8/01	Revenue Requirements	Office of Consumer Advocate
Roxiticus Water Company	W	New Jersey	WR01030194	8/01	Revenue Requirements Cost of Capital Rate Design	Division of the Ratepayer Advocate
Hope Gas, Inc., d/b/a Dominion Hope	G	West Virginia	01-0330-G-42T 01-0331-G-30C 01-1842-GT-T 01-0685-G-PC	8/01	Revenue Requirements	Consumer Advocate Division of the PSC
Western Resources, Inc.	E	Kansas	01-WSRE-949-GIE	6/01	Restructuring Financial Integrity (Rebuttal)	Citizens' Utility Ratepayer Board
Western Resources, Inc.	E	Kansas	01-WSRE-949-GIE	6/01	Restructuring Financial Integrity	Citizens' Utility Ratepayer Board
Cablevision of Allamuchy, et al	C	New Jersey	CR00100824, etc.	4/01	Cable Rates	Division of the Ratepayer Advocate
Public Service Company of New Mexico	E	New Mexico	3137, Holding Co.	4/01	Holding Company	Office of the Attorney General
Keauhou Community Services, Inc.	W	Hawaii	00-0094	4/01	Rate Design	Division of Consumer Advocacy
Western Resources, Inc.	E	Kansas	01-WSRE-436-RTS	4/01	Revenue Requirements Affiliated Interests (Motion for Suppl. Changes)	Citizens' Utility Ratepayer Board

<u>Company</u>	<u>Utility</u>	<u>State</u>	<u>Docket</u>	<u>Date</u>	<u>Topic</u>	<u>On Behalf Of</u>
Western Resources, Inc.	E	Kansas	01-WSRE-436-RTS	4/01	Revenue Requirements Affiliated Interests	Citizens' Utility Ratepayer Board
Public Service Company of New Mexico	E	New Mexico	3137, Part III	4/01	Standard Offer Service (Additional Direct)	Office of the Attorney General
Chem-Nuclear Systems, LLC	SW	South Carolina	2000-366-A	3/01	Allowable Costs	Department of Consumer Affairs
Southern Connecticut Gas Company	G	Connecticut	00-12-08	3/01	Affiliated Interest Transactions	Office of Consumer Counsel
Atlantic City Sewerage Corporation	WW	New Jersey	WR00080575	3/01	Revenue Requirements Cost of Capital Rate Design	Division of the Ratepayer Advocate
Delmarva Power and Light Company d/b/a Conectiv Power Delivery	G	Delaware	00-314	3/01	Margin Sharing	Division of the Public Advocate
Senate Bill 190 Re: Performance Based Ratemaking	G	Kansas	Senate Bill 190	2/01	Performance-Based Ratemaking Mechanisms	Citizens' Utility Ratepayer Board
Delmarva Power and Light Company	G	Delaware	00-463-F	2/01	Gas Cost Rates	Division of the Public Advocate
Waitsfield Fayston Telephone Company	T	Vermont	6417	12/00	Revenue Requirements	Department of Public Service
Delaware Electric Cooperative	E	Delaware	00-365	11/00	Code of Conduct Cost Allocation Manual	Division of the Public Advocate
Commission Inquiry into Performance-Based Ratemaking	G	Kansas	00-GIMG-425-GIG	10/00	Performance-Based Ratemaking Mechanisms	Citizens' Utility Ratepayer Board
Pawtucket Water Supply Board	W	Rhode Island	3164 Separation Plan	10/00	Revenue Requirements	Division of Public Utilities and Carriers
Comcast Cablevision of Philadelphia, L.P.	C	Pennsylvania	3756	10/00	Late Payment Fees (Affidavit)	Kaufman, Lankelis, et al.
Public Service Company of New Mexico	E	New Mexico	3137, Part III	9/00	Standard Offer Service	Office of the Attorney General
Laie Water Company	W	Hawaii	00-0017 Separation Plan	8/00	Rate Design	Division of Consumer Advocacy
El Paso Electric Company	E	New Mexico	3170, Part II, Ph. 1	7/00	Electric Restructuring	Office of the Attorney General
Public Service Company of New Mexico	E	New Mexico	3137 - Part II Separation Plan	7/00	Electric Restructuring	Office of the Attorney General
PG Energy	G	Pennsylvania	R-00005119	6/00	Revenue Requirements	Office of Consumer Advocate
Consolidated Edison, Inc. and Northeast Utilities	E/G	Connecticut	00-01-11	4/00	Merger Issues (Additional Supplemental)	Office of Consumer Counsel
Sussex Shores Water Company	W	Delaware	99-576	4/00	Revenue Requirements	Division of the Public Advocate
Utilicorp United, Inc.	G	Kansas	00-UTCG-336-RTS	4/00	Revenue Requirements	Citizens' Utility Ratepayer Board

The Columbia Group, Inc., Testimonies of Andrea C. Crane

<u>Company</u>	<u>Utility</u>	<u>State</u>	<u>Docket</u>	<u>Date</u>	<u>Topic</u>	<u>On Behalf Of</u>
TCI Cablevision	C	Missouri	9972-9146	4/00	Late Fees (Affidavit)	Honora Eppert, et al
Oklahoma Natural Gas Company	G	Oklahoma	PUD 990000166 PUD 980000683 PUD 990000570	3/00	Pro Forma Revenue Affiliated Transactions (Rebuttal)	Oklahoma Corporation Commission, Public Utility Division Staff
Tidewater Utilities, Inc. Public Water Supply Co.	W	Delaware	99-466	3/00	Revenue Requirements	Division of the Public Advocate
Delmarva Power and Light Company	G/E	Delaware	99-582	3/00	Cost Accounting Manual Code of Conduct	Division of the Public Advocate
Philadelphia Suburban Water Company	W	Pennsylvania	R-00994868 R-00994877 R-00994878 R-00994879	3/00	Revenue Requirements (Surrebuttal)	Office of Consumer Advocate
Philadelphia Suburban Water Company	W	Pennsylvania	R-00994868 R-00994877 R-00994878 R-00994879	2/00	Revenue Requirements	Office of Consumer Advocate
Consolidated Edison, Inc. and Northeast Utilities	E/G	Connecticut	00-01-11	2/00	Merger Issues	Office of Consumer Counsel
Oklahoma Natural Gas Company	G	Oklahoma	PUD 990000166 PUD 980000683 PUD 990000570	1/00	Pro Forma Revenue Affiliated Transactions	Oklahoma Corporation Commission, Public Utility Division Staff
Connecticut Natural Gas Company	G	Connecticut	99-09-03	1/00	Affiliated Transactions	Office of Consumer Counsel
Time Warner Entertainment Company, L.P.	C	Indiana	48D06-9803-CP-423	1999	Late Fees (Affidavit)	Kelly J. Whiteman, et al
TCI Communications, Inc., et al	C	Indiana	55D01-9709-CP-00415	1999	Late Fees (Affidavit)	Franklin E. Littell, et al
Southwestern Public Service Company	E	New Mexico	3116	12/99	Merger Approval	Office of the Attorney General
New England Electric System Eastern Utility Associates	E	Rhode Island	2930	11/99	Merger Policy	Department of Attorney General
Delaware Electric Cooperative	E	Delaware	99-457	11/99	Electric Restructuring	Division of the Public Advocate
Jones Intercable, Inc.	C	Maryland	CAL98-00283	10/99	Cable Rates (Affidavit)	Cynthia Maisonette and Ola Renee Chatman, et al
Texas-New Mexico Power Company	E	New Mexico	3103	10/99	Acquisition Issues	Office of Attorney General
Southern Connecticut Gas Company	G	Connecticut	99-04-18	9/99	Affiliated Interest	Office of Consumer Counsel
TCI Cable Company	C	New Jersey	CR99020079 et al	9/99	Cable Rates Forms 1240/1205	Division of the Ratepayer Advocate
All Regulated Companies	E/G/W	Delaware	Reg. No. 4	8/99	Filing Requirements (Position Statement)	Division of the Public Advocate

<u>Company</u>	<u>Utility</u>	<u>State</u>	<u>Docket</u>	<u>Date</u>	<u>Topic</u>	<u>On Behalf Of</u>
Mile High Cable Partners	C	Colorado	95-CV-5195	7/99	Cable Rates (Affidavit)	Brett Marshall, an individual, et al
Electric Restructuring Comments	E	Delaware	Reg. 49	7/99	Regulatory Policy (Supplemental)	Division of the Public Advocate
Long Neck Water Company	W	Delaware	99-31	6/99	Revenue Requirements	Division of the Public Advocate
Delmarva Power and Light Company	E	Delaware	99-163	6/99	Electric Restructuring	Division of the Public Advocate
Potomac Electric Power Company	E	District of Columbia	945	6/99	Divestiture of Generation Assets	U.S. GSA - Public Utilities
Comcast	C	Indiana	49C01-9802-CP-000386	6/99	Late Fees (Affidavit)	Ken Hecht, et al
Petitions of BA-NJ and NJPA re: Payphone Ops	T	New Jersey	TO97100792 PUCOT 11269-97N	6/99	Economic Subsidy Issues (Surrebuttal)	Division of the Ratepayer Advocate
Montague Water and Sewer Companies	W/WWW	New Jersey	WR98101161 WR98101162 PUCRS 11514-98N	5/99	Revenue Requirements Rate Design (Supplemental)	Division of the Ratepayer Advocate
Cablevision of Bergen, Bayonne, Newark	C	New Jersey	CR98111197-199 CR98111190	5/99	Cable Rates Forms 1240/1205	Division of the Ratepayer Advocate
Cablevision of Bergen, Hudson, Monmouth	C	New Jersey	CR97090624-626 CTV 1697-98N	5/99	Cable Rates - Form 1235 (Rebuttal)	Division of the Ratepayer Advocate
Kent County Water Authority	W	Rhode Island	2860	4/99	Revenue Requirements	Division of Public Utilities & Carriers
Montague Water and Sewer Companies	W/WWW	New Jersey	WR98101161 WR98101162	4/99	Revenue Requirements Rate Design	Division of the Ratepayer Advocate
PEPCO	E	District of Columbia	945	4/99	Divestiture of Assets	U.S. GSA - Public Utilities
Western Resources, Inc. and Kansas City Power & Light	E	Kansas	97-WSRE-676-MER	4/99	Merger Approval (Surrebuttal)	Citizens' Utility Ratepayer Board
Delmarva Power and Light Company	E	Delaware	98-479F	3/99	Fuel Costs	Division of the Public Advocate
Lenfest Atlantic d/b/a Suburban Cable	C	New Jersey	CR97070479 et al	3/99	Cable Rates	Division of the Ratepayer Advocate
Electric Restructuring Comments	E	District of Columbia	945	3/99	Regulatory Policy	U.S. GSA - Public Utilities
Petitions of BA-NJ and NJPA re: Payphone Ops	T	New Jersey	TO97100792 PUCOT 11269-97N	3/99	Tariff Revision Payphone Subsidies FCC Services Test (Rebuttal)	Division of the Ratepayer Advocate
Western Resources, Inc. and Kansas City Power & Light	E	Kansas	97-WSRE-676-MER	3/99	Merger Approval (Answering)	Citizens' Utility Ratepayer Board
Western Resources, Inc. and Kansas City Power & Light	E	Kansas	97-WSRE-676-MER	2/99	Merger Approval	Citizens' Utility Ratepayer Board

<u>Company</u>	<u>Utility</u>	<u>State</u>	<u>Docket</u>	<u>Date</u>	<u>Topic</u>	<u>On Behalf Of</u>
Adelphia Cable Communications	C	Vermont	6117-6119	1/99	Late Fees (Additional Direct Supplemental)	Department of Public Service
Adelphia Cable Communications	C	Vermont	6117-6119	12/98	Cable Rates (Forms 1240, 1205, 1235) and Late Fees (Direct Supplemental)	Department of Public Service
Adelphia Cable Communications	C	Vermont	6117-6119	12/98	Cable Rates (Forms 1240, 1205, 1235) and Late Fees	Department of Public Service
Orange and Rockland/ Consolidated Edison	E	New Jersey	EM98070433	11/98	Merger Approval	Division of the Ratepayer Advocate
Cablevision	C	New Jersey	CR97090624 CR97090625 CR97090626	11/98	Cable Rates - Form 1235	Division of the Ratepayer Advocate
Petitions of BA-NJ and NJPA re: Payphone Ops.	T	New Jersey	TO97100792 PUCOT 11269-97N	10/98	Payphone Subsidies FCC New Services Test	Division of the Ratepayer Advocate
United Water Delaware	W	Delaware	98-98	8/98	Revenue Requirements	Division of the Public Advocate
Cablevision	C	New Jersey	CR97100719, 726 730, 732	8/98	Cable Rates (Oral Testimony)	Division of the Ratepayer Advocate
Potomac Electric Power Company	E	Maryland	Case No. 8791	8/98	Revenue Requirements Rate Design	U.S. GSA - Public Utilities
Investigation of BA-NJ IntraLATA Calling Plans	T	New Jersey	TO97100808 PUCOT 11326-97N	8/98	Anti-Competitive Practices (Rebuttal)	Division of the Ratepayer Advocate
Investigation of BA-NJ IntraLATA Calling Plans	T	New Jersey	TO97100808 PUCOT 11326-97N	7/98	Anti-Competitive Practices	Division of the Ratepayer Advocate
TCI Cable Company/ Cablevision	C	New Jersey	CTV 03264-03268 and CTV 05061	7/98	Cable Rates	Division of the Ratepayer Advocate
Mount Holly Water Company	W	New Jersey	WR98020058 PUC 03131-98N	7/98	Revenue Requirements	Division of the Ratepayer Advocate
Pawtucket Water Supply Board	W	Rhode Island	2674	5/98	Revenue Requirements (Surrebuttal)	Division of Public Utilities & Carriers
Pawtucket Water Supply Board	W	Rhode Island	2674	4/98	Revenue Requirements	Division of Public Utilities and Carriers
Energy Master Plan Phase II Proceeding - Restructuring	E	New Jersey	EX94120585U, EO97070457,60,63,66	4/98	Electric Restructuring Issues (Supplemental Surrebuttal)	Division of the Ratepayer Advocate
Energy Master Plan Phase I Proceeding - Restructuring	E	New Jersey	EX94120585U, EO97070457,60,63,66	3/98	Electric Restructuring Issues	Division of the Ratepayer Advocate
Shorelands Water Company	W	New Jersey	WR97110835 PUC 11324-97	2/98	Revenue Requirements	Division of the Ratepayer Advocate
TCI Communications, Inc.	C	New Jersey	CR97030141 and others	11/97	Cable Rates (Oral Testimony)	Division of the Ratepayer Advocate
Citizens Telephone Co. of Kecksburg	T	Pennsylvania	R-00971229	11/97	Alternative Regulation Network Modernization	Office of Consumer Advocate

<u>Company</u>	<u>Utility</u>	<u>State</u>	<u>Docket</u>	<u>Date</u>	<u>Topic</u>	<u>On Behalf Of</u>
Consumers Pennsylvania Water Co. - Shenango Valley Division	W	Pennsylvania	R-00973972	10/97	Revenue Requirements (Surrebuttal)	Office of Consumer Advocate
Universal Service Funding	T	New Jersey	TX95120631	10/97	Schools and Libraries Funding (Rebuttal)	Division of the Ratepayer Advocate
Universal Service Funding	T	New Jersey	TX95120631	9/97	Low Income Fund High Cost Fund	Division of the Ratepayer Advocate
Consumers Pennsylvania Water Co. - Shenango Valley Division	W	Pennsylvania	R-00973972	9/97	Revenue Requirements	Office of Consumer Advocate
Delmarva Power and Light Company	G/E	Delaware	97-65	9/97	Cost Accounting Manual Code of Conduct	Office of the Public Advocate
Western Resources, Oneok, and WAI	G	Kansas	WSRG-486-MER	9/97	Transfer of Gas Assets	Citizens' Utility Ratepayer Board
Universal Service Funding	T	New Jersey	TX95120631	9/97	Schools and Libraries Funding (Rebuttal)	Division of the Ratepayer Advocate
Universal Service Funding	T	New Jersey	TX95120631	8/97	Schools and Libraries Funding	Division of the Ratepayer Advocate
Kent County Water Authority	W	Rhode Island	2555	8/97	Revenue Requirements (Surrebuttal)	Division of Public Utilities and Carriers
Ironton Telephone Company	T	Pennsylvania	R-00971182	8/97	Alternative Regulation Network Modernization (Surrebuttal)	Office of Consumer Advocate
Ironton Telephone Company	T	Pennsylvania	R-00971182	7/97	Alternative Regulation Network Modernization	Office of Consumer Advocate
Comcast Cablevision	C	New Jersey	Various	7/97	Cable Rates (Oral Testimony)	Division of the Ratepayer Advocate
Maxim Sewerage Corporation	WW	New Jersey	WR97010052 PUCRA 3154-97N	7/97	Revenue Requirements	Division of the Ratepayer Advocate
Kent County Water Authority	W	Rhode Island	2555	6/97	Revenue Requirements	Division of Public Utilities and Carriers
Consumers Pennsylvania Water Co. - Roaring Creek	W	Pennsylvania	R-00973869	6/97	Revenue Requirements (Surrebuttal)	Office of Consumer Advocate
Consumers Pennsylvania Water Co. - Roaring Creek	W	Pennsylvania	R-00973869	5/97	Revenue Requirements	Office of Consumer Advocate
Delmarva Power and Light Company	E	Delaware	97-58	5/97	Merger Policy	Office of the Public Advocate
Middlesex Water Company	W	New Jersey	WR96110818 PUCRL 11663-96N	4/97	Revenue Requirements	Division of the Ratepayer Advocate
Maxim Sewerage Corporation	WW	New Jersey	WR96080628 PUCRA 09374-96N	3/97	Purchased Sewerage Adjustment	Division of the Ratepayer Advocate
Interstate Navigation Company	N	Rhode Island	2484	3/97	Revenue Requirements Cost of Capital (Surrebuttal)	Division of Public Utilities & Carriers

<u>Company</u>	<u>Utility</u>	<u>State</u>	<u>Docket</u>	<u>Date</u>	<u>Topic</u>	<u>On Behalf Of</u>
Interstate Navigation Company	N	Rhode Island	2484	2/97	Revenue Requirements Cost of Capital	Division of Public Utilities & Carriers
Electric Restructuring Comments	E	District of Columbia	945	1/97	Regulatory Policy	U.S. GSA - Public Utilities
United Water Delaware	W	Delaware	96-194	1/97	Revenue Requirements	Office of the Public Advocate
PEPCO/ BGE/ Merger Application	E/G	District of Columbia	951	10/96	Regulatory Policy Cost of Capital (Rebuttal)	GSA
Western Resources, Inc.	E	Kansas	193,306-U 193,307-U	10/96	Revenue Requirements Cost of Capital (Supplemental)	Citizens' Utility Ratepayer Board
PEPCO and BGE Merger Application	E/G	District of Columbia	951	9/96	Regulatory Policy, Cost of Capital	U.S. GSA - Public Utilities
Utilicorp United, Inc.	G	Kansas	193,787-U	8/96	Revenue Requirements	Citizens' Utility Ratepayer Board
TKR Cable Company of Gloucester	C	New Jersey	CTV07030-95N	7/96	Cable Rates (Oral Testimony)	Division of the Ratepayer Advocate
TKR Cable Company of Warwick	C	New Jersey	CTV057537-95N	7/96	Cable Rates (Oral Testimony)	Division of the Ratepayer Advocate
Delmarva Power and Light Company	E	Delaware	95-196F	5/96	Fuel Cost Recovery	Office of the Public Advocate
Western Resources, Inc.	E	Kansas	193,306-U 193,307-U	5/96	Revenue Requirements Cost of Capital	Citizens' Utility Ratepayer Board
Princeville Utilities Company, Inc.	W/WW	Hawaii	95-0172 95-0168	1/96	Revenue Requirements Rate Design	Princeville at Hanalei Community Association
Western Resources, Inc.	G	Kansas	193,305-U	1/96	Revenue Requirements Cost of Capital	Citizens' Utility Ratepayer Board
Environmental Disposal Corporation	WW	New Jersey	WR94070319 (Remand Hearing)	11/95	Revenue Requirements Rate Design (Supplemental)	Division of the Ratepayer Advocate
Environmental Disposal Corporation	WW	New Jersey	WR94070319 (Remand Hearing)	11/95	Revenue Requirements	Division of the Ratepayer Advocate
Lanai Water Company	W	Hawaii	94-0366	10/95	Revenue Requirements Rate Design	Division of Consumer Advocacy
Cablevision of New Jersey, Inc.	C	New Jersey	CTV01382-95N	8/95	Basic Service Rates (Oral Testimony)	Division of the Ratepayer Advocate
Cablevision of New Jersey, Inc.	C	New Jersey	CTV01381-95N	8/95	Basic Service Rates (Oral Testimony)	Division of the Ratepayer Advocate
Chesapeake Utilities Corporation	G	Delaware	95-73	7/95	Revenue Requirements	Office of the Public Advocate
East Honolulu Community Services, Inc.	WW	Hawaii	7718	6/95	Revenue Requirements	Division of Consumer Advocacy
Wilmington Suburban Water Corporation	W	Delaware	94-149	3/95	Revenue Requirements	Office of the Public Advocate

<u>Company</u>	<u>Utility</u>	<u>State</u>	<u>Docket</u>	<u>Date</u>	<u>Topic</u>	<u>On Behalf Of</u>
Environmental Disposal Corporation	WW	New Jersey	WR94070319	1/95	Revenue Requirements (Supplemental)	Division of the Ratepayer Advocate
Roaring Creek Water Company	W	Pennsylvania	R-00943177	1/95	Revenue Requirements (Surrebuttal)	Office of Consumer Advocate
Roaring Creek Water Company	W	Pennsylvania	R-00943177	12/94	Revenue Requirements	Office of Consumer Advocate
Environmental Disposal Corporation	WW	New Jersey	WR94070319	12/94	Revenue Requirements	Division of the Ratepayer Advocate
Delmarva Power and Light Company	E	Delaware	94-84	11/94	Revenue Requirements	Office of the Public Advocate
Delmarva Power and Light Company	G	Delaware	94-22	8/94	Revenue Requirements	Office of the Public Advocate
Empire District Electric Company	E	Kansas	190,360-U	8/94	Revenue Requirements	Citizens' Utility Ratepayer Board
Morris County Municipal Utility Authority	SW	New Jersey	MM10930027 ESW 1426-94	6/94	Revenue Requirements	Rate Counsel
US West Communications	T	Arizona	E-1051-93-183	5/94	Revenue Requirements (Surrebuttal)	Residential Utility Consumer Office
Pawtucket Water Supply Board	W	Rhode Island	2158	5/94	Revenue Requirements (Surrebuttal)	Division of Public Utilities & Carriers
US West Communications	T	Arizona	E-1051-93-183	3/94	Revenue Requirements	Residential Utility Consumer Office
Pawtucket Water Supply Board	W	Rhode Island	2158	3/94	Revenue Requirements	Division of Public Utilities & Carriers
Pollution Control Financing Authority of Camden County	SW	New Jersey	SR91111718J	2/94	Revenue Requirements (Supplemental)	Rate Counsel
Roaring Creek Water Company	W	Pennsylvania	R-00932665	9/93	Revenue Requirements (Supplemental)	Office of Consumer Advocate
Roaring Creek Water Company	W	Pennsylvania	R-00932665	9/93	Revenue Requirements	Office of Consumer Advocate
Kent County Water Authority	W	Rhode Island	2098	8/93	Revenue Requirements (Surrebuttal)	Division of Public Utilities and Carriers
Wilmington Suburban Water Company	W	Delaware	93-28	7/93	Revenue Requirements	Office of Public Advocate
Kent County Water Authority	W	Rhode Island	2098	7/93	Revenue Requirements	Division of Public Utilities & Carriers
Camden County Energy Recovery Associates, Inc.	SW	New Jersey	SR91111718J ESW1263-92	4/93	Revenue Requirements	Rate Counsel
Pollution Control Financing Authority of Camden County	SW	New Jersey	SR91111718J ESW 1263-92	4/93	Revenue Requirements	Rate Counsel
Jamaica Water Supply Company	W	New York	92-W-0583	3/93	Revenue Requirements	County of Nassau Town of Hempstead
New Jersey-American Water Company	W/WWW	New Jersey	WR92090908J PUC 7266-92S	2/93	Revenue Requirements	Rate Counsel

<u>Company</u>	<u>Utility</u>	<u>State</u>	<u>Docket</u>	<u>Date</u>	<u>Topic</u>	<u>On Behalf Of</u>
Passaic County Utilities Authority	SW	New Jersey	SR91121816J ESW0671-92N	9/92	Revenue Requirements	Rate Counsel
East Honolulu Community Services, Inc.	WW	Hawaii	7064	8/92	Revenue Requirements	Division of Consumer Advocacy
The Jersey Central Power and Light Company	E	New Jersey	PUC00661-92 ER91121820J	7/92	Revenue Requirements	Rate Counsel
Mercer County Improvement Authority	SW	New Jersey	EWS11261-91S SR91111682J	5/92	Revenue Requirements	Rate Counsel
Garden State Water Company	W	New Jersey	WR9109-1483 PUC 09118-91S	2/92	Revenue Requirements	Rate Counsel
Elizabethtown Water Company	W	New Jersey	WR9108-1293J PUC 08057-91N	1/92	Revenue Requirements	Rate Counsel
New-Jersey American Water Company	W/WW	New Jersey	WR9108-1399J PUC 8246-91	12/91	Revenue Requirements	Rate Counsel
Pennsylvania-American Water Company	W	Pennsylvania	R-911909	10/91	Revenue Requirements	Office of Consumer Advocate
Mercer County Improvement Authority	SW	New Jersey	SR9004-0264J PUC 3389-90	10/90	Revenue Requirements	Rate Counsel
Kent County Water Authority	W	Rhode Island	1952	8/90	Revenue Requirements Regulatory Policy (Surrebuttal)	Division of Public Utilities & Carriers
New York Telephone	T	New York	90-C-0191	7/90	Revenue Requirements Affiliated Interests (Supplemental)	NY State Consumer Protection Board
New York Telephone	T	New York	90-C-0191	7/90	Revenue Requirements Affiliated Interests	NY State Consumer Protection Board
Kent County Water Authority	W	Rhode Island	1952	6/90	Revenue Requirements Regulatory Policy	Division of Public Utilities & Carriers
Ellesor Transfer Station	SW	New Jersey	SO8712-1407 PUC 1768-88	11/89	Regulatory Policy	Rate Counsel
Interstate Navigation Co.	N	Rhode Island	D-89-7	8/89	Revenue Requirements Regulatory Policy	Division of Public Utilities & Carriers
Automated Modular Systems, Inc.	SW	New Jersey	PUC1769-88	5/89	Revenue Requirements Schedules	Rate Counsel
SNET Cellular, Inc.	T	Connecticut	-	2/89	Regulatory Policy	First Selectman Town of Redding

APPENDIX B

Supporting Schedules

PAWTUCKET WATER SUPPLY BOARD**RATE YEAR ENDING DECEMBER 31, 2009****REVENUE REQUIREMENT SUMMARY**

	Company Claim	Recommended Adjustment	Recommended Position
	(A)		
1. Administration	\$2,257,192	(\$183,257)	\$2,073,935
2. Customer Service	1,094,016	(23,106)	1,070,910
3. Source of Supply	378,718	46,032	424,750
4. Pumping	0	0	0
5. Purification	2,605,979	23,941	2,629,920
6. Transmission and Distribution	2,449,300	(221,615)	2,227,685
7. Property Taxes	920,024	(75,822)	844,202
8. Meter Department	0	0	0
9. Total Operating Expenses	\$9,705,229	(\$433,827)	\$9,271,402
10. Debt Service	\$6,688,543	\$0	\$6,688,543
11. Lease Principal	149,781	0	149,781
12. Lease Interest	0	0	0
13. Infrastructure Rehabilitation	3,100,000	0	3,100,000
14. Operating Reserve Deposit	0	0	0
15. Trustee Fees	369,907	0	369,907
16. WTP Reserve	0	0	0
17. Total Capital Costs	\$10,308,231	\$0	\$10,308,231
18. Operating Revenue Allowance	924,649	(785,578)	139,071
19. Total Revenue Requirement	\$20,938,109	(\$1,219,404)	\$19,718,705
20. Miscellaneous Revenues	1,520,476	8,980	1,529,456
21. Required Rate Revenue	\$19,417,633	(\$1,228,385)	\$18,189,248
22. Rate Revenue at Present Rates	16,308,246	243,118	16,551,364
23. Required Increase	\$3,109,387	(\$1,471,503)	\$1,637,884
24. Percentage Increase	<u>19.07%</u>		<u>9.90%</u>

Sources:

(A) PWSB CPNW Schedule 1.0 and CPNW Schedule 10.0.

(B) Schedules ACC-10, ACC-11, ACC-12, and ACC-14.

(C) Schedule ACC-14.

(D) Schedule ACC-7.

(E) Schedules ACC-10, ACC-11, ACC-12, and ACC-13.

(F) Schedule ACC-15.

(G) Schedule ACC-16.

(H) Schedules ACC-8 and ACC-9.

(I) Schedules ACC-2, ACC-3, ACC-4, ACC-5, and ACC-6.

PAWTUCKET WATER SUPPLY BOARD

RATE YEAR ENDING DECEMBER 31, 2009

RESIDENTIAL REVENUE

	Updated Four Year <u>Average Usage</u>	Company <u>Claim</u>	<u>Difference</u>	<u>Rate</u> (C)	<u>Revenue</u> <u>Adjustment</u>
	(A)	(B)			
1. Small Meters	2,900,044	2,935,487	(35,443)	\$2.903	(\$102,892)
2. Medium Meters	108,369	103,200	5,169	2.709	14,001
3. Large Meters	463	0	463	2.544	1,177
4. Total Recommended Adjustment			<u>(29,812)</u>		<u>(\$87,714)</u>

Sources:

(A) Based on the response to DIV 4-1.

(B) PWSB Schedule DGB-3A.

(C) PWSB Schedule DGB-3.

PAWTUCKET WATER SUPPLY BOARD**RATE YEAR ENDING DECEMBER 31, 2009****CUSTOMER GROWTH ADJUSTMENT**

1. Average Usage Per Customer	135.95	(A)
2. Customer Growth Through June 30, 2009	<u>175</u>	(B)
3. Total Incremental Consumption	23,791	(C)
4. Tariff Rate	<u>\$2.903</u>	(D)
5. Annual Volumetric Revenue Adjustment	\$69,067	(E)
6. Annual Fixed Charges @ \$16.89/quarter	<u>11,823</u>	(F)
7. Total Annual Revenue Adjustment	<u>\$80,890</u>	

Sources:

(A) Derived from PWSB Schedules DGB-3, Schedule ACC-2, and response to DIV 1-16.

(B) Based on average annual growth of 87.5 customers, derived from the response to DIV 1-16.

(C) Line 1 X Line 2.

(D) Current tariff rate per PWSB Schedule DGB-3.

(E) Line 3 X Line 4.

(F) PWSB Schedule DGB-7.

PAWTUCKET WATER SUPPLY BOARD**RATE YEAR ENDING DECEMBER 31, 2009****COMMERCIAL REVENUE (CYCLE 7)**

	<u>Test Year</u> (A)	<u>Four Year Average</u> (A)	<u>Difference</u>	<u>Rate</u> (B)	<u>Revenue Adjustment</u>
1. Small Meters	97,553	102,715	5,162	\$2.903	\$14,985
2. Medium Meters	440,048	469,755	29,707	2.709	80,476
3. Large Meters	68,258	70,263	2,005	2.544	5,101
4. Very Large Meters	890	933	43	2.544	109
5. Total Recommended Adjustment			<u>36,917</u>		<u>\$100,672</u>

Sources:

(A) PWSB Schedele DGB-3A.

(B) PWSB Schedule DGB-3.

PAWTUCKET WATER SUPPLY BOARD

RATE YEAR ENDING DECEMBER 31, 2009

WHOLESALE SALES

1. Updated Four Year Average	703,674	(A)
2. Company Claim	<u>645,763</u>	(B)
3. Recommended Adjustment	57,911	
4. Current Rate	<u>\$2.217</u>	(B)
5. Total Recommended Adjustment	<u>\$128,389</u>	

Sources:

(A) PWSB Schedule DGB-4, updated per the response to DIV 4-1.

(B) PWSB Schedele DGB-4.

PAWTUCKET WATER SUPPLY BOARD**RATE YEAR ENDING DECEMBER 31, 2009****PRIVATE FIRE SERVICE**

	<u>Current Services</u> (A)	<u>Company Claim</u> (B)	<u>Difference</u>	<u>Current Rate</u> (B)	<u>Revenue Adjustment</u>
1. 2" Services	26	25	1	185.92	\$185.92
2. 4" Services	49	42	7	523.75	3,666
3. 6" Services	392	371	21	876.95	18,416
4. 8" Services	90	91	(1)	1,386.65	(1,387)
5. Total Adjustment					<u>\$20,881</u>

Sources:

(A) Response to DIV 4-1.

(B) PWSB Schedule DGB-5.

PAWTUCKET WATER SUPPLY BOARD**RATE YEAR ENDING DECEMBER 31, 2009****INCREMENTAL POWER EXPENSE**

1. Residential Usage Adjustment	(29,812)	(A)
2. Customer Growth Adjustment	23,791	(B)
3. Commercial Usage Adjustment	36,917	(C)
4. Wholesale Sales Adjustment	<u>57,911</u>	(D)
5. Total Volumetric Adjustment	118,619	
6. Incremental Costs	<u>\$0.20</u>	(E)
7. Total Recommended Expense Adjustment	<u>\$23,941</u>	

Sources:

(A) Schedule ACC-2.

(B) Schedule ACC-3.

(C) Schedule ACC-4.

(D) Schedule ACC-5.

(E) See Below.

Purchased Power - Supply
Purchased Power - Purification
Total Costs
Total Claimed Volumes
Costs Per HCF

30,978 CPNW Sch. 1, page 2.
910,736 CPNW Sch. 1, page 2.
\$941,714
4,665,824 CPNW Sch. 10.0, page 1.
\$0.20

Schedule ACC-8

PAWTUCKET WATER SUPPLY BOARD

RATE YEAR ENDING DECEMBER 31, 2009

MISCELLANEOUS NON-OPERATING REVENUE

1. Four Year Average	\$15,496	(A)
2. PWSB Claim	<u>6,990</u>	(B)
3. Recommended Adjustment	<u>\$8,506</u>	

Sources:

(A) Derived from PWSB Schedule DGB-2. Excludes non-recurring test year revenue.

(B) PWSB Schedule DGB-1.

PAWTUCKET WATER SUPPLY BOARD**RATE YEAR ENDING DECEMBER 31, 2009****STATE SURCHARGE REVENUE**

1. Volumetric Retail Adjustments - Small Meters	(6490)	(A)
2. State Surcharge Percentage @ 92%	(5971)	(B)
3. Volumetric Retail Adjustments - Other Meters	<u>37,386</u>	(C)
4. Total Volumetric Adjustments	31,415	
5. State Surcharge - Revenue Portion	<u>\$0.01511</u>	(B)
6. Pro Forma Revenue Adjustment	<u>\$475</u>	

Sources:

(A) Schedules ACC-2, ACC-3, and ACC-4.

(B) PWSB Schedule DGB-8.

(C) Schedules ACC-2 and ACC-3.

PAWTUCKET WATER SUPPLY BOARD**RATE YEAR ENDING DECEMBER 31, 2009****SALARIES AND WAGES**

1. Test Year Costs	\$2,400,210	(A)
2. Increases to Rate Year @ 9.0%	215,950	(B)
3. Vacant Position	84,249	(C)
4. Collections Assistant	<u>35,988</u>	(C)
5. Total Pro Forma Costs	\$2,736,397	
6. Company Claim	<u>2,961,625</u>	(A)
7. Total Adjustment	<u>(\$225,228)</u>	

Sources:

(A) PWSB Schedule CPNW, Schedule 1.

(B) Reflects 2 1/2 years of increases at 3.5% annually.

(C) PWSB Schedule RB-06.

Allocation:

Administration	(\$99,605)
Customer Service	(\$9,503)
Source of Supply	\$40,121
Transmission and Distribution	(\$156,241)

PAWTUCKET WATER SUPPLY BOARD**RATE YEAR ENDING DECEMBER 31, 2009****PAYROLL TAX EXPENSE**

1. Recommended Payroll Adjustment	(\$225,228)	(A)
2. Payroll Tax Rate	<u>7.65%</u>	(B)
3. Recommended Tax Adjustment	<u>(\$17,230)</u>	

Sources:

(A) Schedule ACC-10.

(B) Based on Statutory Tax Rate.

Allocation:

Administration	(\$7,620)
Customer Service	(\$727)
Source of Supply	\$3,069
Transmission and Distribution	(\$11,952)

PAWTUCKET WATER SUPPLY BOARD**RATE YEAR ENDING DECEMBER 31, 2009****PENSION CONTRIBUTIONS**

1. Pro Forma Payroll	\$2,736,397	(A)
2. MERS Contribution Rate	<u>11.87%</u>	(B)
3. Pro Forma MERS Rate	\$324,810	
4. Company Claim	<u>393,975</u>	(A)
5. Recommended Adjustment	<u>(\$69,165)</u>	

Sources:

(A) Schedule ACC-10.

(B) Response to DIV 1-13.

(C) PWSB Schedule RB-06.

Allocation:

Administration	(\$26,032)
Customer Service	(\$12,876)
Source of Supply	\$2,843
Transmission and Distribution	(\$33,098)

PAWTUCKET WATER SUPPLY BOARD**RATE YEAR ENDING DECEMBER 31, 2009****POLICE DETAILS-CENTRAL FALLS**

1. Actual Costs Through January 31, 2008	\$11,286	(A)
2. Annualized Costs	19,347	(B)
3. Inflation Adjustment (1 1/2 years @ 3.32%)	<u>974</u>	(C)
4. Pro Forma Costs	\$20,322	(D)
5. Company Claim	<u>40,645</u>	(E)
6. Recommended Adjustment	<u>(\$20,324)</u>	

Sources:

(A) PWSB CPNW Schedule 1.1, page 2.

(B) Line 1 / 7 months X 12 months.

(C) Line 2 X 1.0332 X 1.0166.

(D) Line 2 + Line 3.

(E) Derived from PWSB CPNW Schedule 1.1, page 2.

PAWTUCKET WATER SUPPLY BOARD

RATE YEAR ENDING DECEMBER 31, 2009

GENERAL LIABILITY INSURANCE

1. Recommended Adjustment	<u>(\$50,000)</u>	(A)
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Sources:

(A) Schedule CPNW 1.1, page 2.

PAWTUCKET WATER SUPPLY BOARD

RATE YEAR ENDING DECEMBER 31, 2009

PROPERTY TAXES

1. PWSB Claim	\$920,027	(A)
2. Test Year Actual	<u>844,205</u>	(A)
3. Recommended Tax Adjustment	<u>(\$75,822)</u>	

Sources:

(A) PWSB Schedule CPNW 1.0, page 4.

PAWTUCKET WATER SUPPLY BOARD

RATE YEAR ENDING DECEMBER 31, 2009

OPERATING REVENUE ALLOWANCE

1. Pro Forma Operating Expenses	\$9,271,402	(A)
2. Income Allowance @ 1.5%	139,071	(B)
3. PWSB Claim	<u>924,649</u>	(C)
4. Recommended Adjustment	<u>(\$785,578)</u>	

Sources:

(A) Schedule ACC-1.

(B) 1.5% of Line 1.

(C) PWSB CPNW Schedule 1.0, page 4.

PAWTUCKET WATER SUPPLY BOARD**RATE YEAR ENDING DECEMBER 31, 2009****SUMMARY OF ADJUSTMENTS**

		Schedule
1. Residential Revenue	\$87,714	2
2. Commercial Revenue	(100,672)	3
3. Customer Growth Adjustment	(80,890)	4
4. Wholesale Sales	(128,389)	5
5. Private Fire Service	(20,881)	6
6. Incremental Power Expense	23,941	7
7. Miscellaneous Non-Operating Revenue	(8,506)	8
8. State Surcharge Revenue	(475)	9
9. Salaries and Wages	(225,228)	10
10. Payroll Tax Expense	(17,230)	11
11. Pension Contributions	(69,165)	12
12. Police Details-Central Falls	(20,324)	13
13. General Liability Insurance	(50,000)	14
14. Property Taxes	(75,822)	15
15. Operating Revenue Allowance	<u>(785,578)</u>	16
16. Total Recommended Adjustments	<u>(\$1,471,503)</u>	

APPENDIX C

Referenced Data Requests

DIV 1-4
DIV 1-5
DIV 1-6
DIV 1-13
DIV 1-15
DIV 1-16
DIV 1-22
DIV 1-24
DIV 4-1

COMM 1-15
COMM 1-28

PAWTUCKET WATER SUPPLY BOARD
Docket No. 3945
Pawtucket Water Supply Board's Response to
the Division of Public Utilities and Carriers' Data Requests
Set 1

DIV 1-4: Regarding the positions shown in Schedule RB-06, please identify any positions that are currently vacant.

RESPONSE: The only approved position currently vacant is the Assistant Chief Engineer. The position was previously held by James Decelles. Effective March 11, 2008, the Mr. DeCelles assumed the position of Chief Engineer. The PWSB is now conducting an active search to hire a new Assistant Chief Engineer. The only other vacant position in Schedule RB-06 is the proposed position of "Collections Assistant". See the response to DIV1-5.

Prepared by: R. Benson

PAWTUCKET WATER SUPPLY BOARD
Docket No. 3945
Pawtucket Water Supply Board's Response to
the Division of Public Utilities and Carriers' Data Requests
Set 1

DIV 1-5: Has the new Collections Assistant been hired? If so, please provide the hiring date and the actual annual salary for this employee.

RESPONSE: We have not filled the new position of "Collections Assistant". As set forth in the filing, the PWSB was authorized to have 57 employees, including employees for the Central Falls Water System. The PWSB currently has 53 employees, and we are requesting funding for 54 positions, including the new position of "Collections Assistant." If the PWSB's request is granted, we will then request all the approvals needed from the City of Pawtucket to add this position to the official PWSB Employee Roster and fill this position. The proposed starting salary for this position, included in the filing in Schedule RB-06, is \$35,112.

Prepared by: R. Benson

PAWTUCKET WATER SUPPLY BOARD
Docket No. 3945
Pawtucket Water Supply Board's Response to
the Division of Public Utilities and Carriers' Data Requests
Set 1

DIV 1-6: Please provide the number of employee positions authorized and the actual number of employees for each of the past 36 months.

RESPONSE: See the attached schedule DIV1-6.

Prepared by: R. Benson

Pawtucket Water Supply Board
Schedule of PUC Authorized Positions

	Month	Number of PUC Authorized Employees per Docket 3674	Less: Unfilled CF System T&D Crew Positions	Less: Eliminated Position - Floater Clerk	Added Positions: 1 Crew Leader & 1 Backhoe Operator	Headcount Subtotal	Less: Temporary Vacancies Due To	Plus: Seasonal and Temporary Employees	Actual Number of Employees
							Retirements, Resignations & Dept Transfers		
1	Apr-08	57	5	1	2	53	1	0	52
2	Mar-08	57	5	1	2	53	1	0	52
3	Feb-08	57	5	1	2	53	1	0	52
4	Jan-08	57	5	1	2	53	1	0	52
5	Dec-07	57	5	1	2	53	1	0	52
6	Nov-07	57	5	1	2	53	2	0	51
7	Oct-07	57	5	1	2	53	2	0	51
8	Sep-07	57	5	1	1	52	3	0	49
9	Aug-07	57	5	1	1	52	2	1	51
10	Jul-07	57	5	1	1	52	3	1	50
11	Jun-07	57	5	1	1	52	2	2	52
12	May-07	57	5	1	1	52	2	1	51
13	Apr-07	57	5	1	1	52	3	1	50
14	Mar-07	57	5	1	1	52	3	1	50
15	Feb-07	57	5	1	1	52	2	2	52
16	Jan-07	57	5	1	1	52	2	2	52
17	Dec-06	57	5	1	1	52	2	2	52
18	Nov-06	57	5	1	1	52	2	2	52
19	Oct-06	57	5	1	1	52	1	2	53
20	Sep-06	57	5	1	1	52	2	1	51
21	Aug-06	57	5	1	1	52	3	5	54
22	Jul-06	57	5	1	1	52	3	6	55
23	Jun-06	57	5	1	1	52	2	5	55
24	May-06	57	5	1	1	52	2	1	51
25	Apr-06	57	5	1	0	51	3	1	49
26	Mar-06	57	5	1	0	51	3	2	50
27	Feb-06	57	5	1	0	51	2	2	51
28	Jan-06	57	5	1	0	51	2	2	51
29	Dec-05	57	5	1	0	51	0	2	53
30	Nov-05	57	5	1	0	51	0	2	53

PAWTUCKET WATER SUPPLY BOARD
Docket No. 3945
Pawtucket Water Supply Board's Response to
the Division of Public Utilities and Carriers' Data Requests
Set 1

DIV 1-13: Regarding page 10, lines 10-12 of Mr. Benson's testimony, when will the FY09 retirement contribution rate be available?

RESPONSE: The State of RI has notified the City of Pawtucket that its employer contribution rate to MERS for FY09 is 11.87%. This rate will be effective for payroll paid from January through June of the rate year. The State of RI Retirement Board determines this rate from an annual actuarial study. The rate for FY10 is not yet available. The rate for FY10 will be effective for payroll paid from July through December of the rate year.

Prepared by: R. Benson

PAWTUCKET WATER SUPPLY BOARD
Docket No. 3945
Pawtucket Water Supply Board's Response to
the Division of Public Utilities and Carriers' Data Requests
Set 1

DIV 1-15: Regarding insurance costs discussed on page 11 of Mr. Benson's testimony, has the PWSB solicited bids for its new policies? If not, when does the PWSB plan to solicit bids?

RESPONSE: The PWSB is presently revising an RFP for its Property and Casualty Insurance Program. We expect to advertise the RFP by May 19th and award the contract at the City Purchasing Board meeting on June 24th.

Prepared by: R. Benson

PAWTUCKET WATER SUPPLY BOARD
Docket No. 3945
Pawtucket Water Supply Board's Response to
the Division of Public Utilities and Carriers' Data Requests
Set 1

DIV 1-16: For each of the past five years, please provide the number of customers, by customer class.

RESPONSE: See the attached Schedule Div. 1-16

Prepared by: R. Benson

PAWTUCKET WATER SUPPLY BOARD
CUSTOMER COUNT SUMMARY BY CUSTOMER CLASS

Schedule DIV-16

	<u>FY07</u>	<u>FY06</u>	<u>FY05</u>	<u>FY04</u>	<u>FY03</u>
<u>Residential Customers</u>					
Cycle 1	4,058	4,039	4,040	4,034	4,027
Cycle 2	4,159	4,152	4,148	4,119	4,098
Cycle 3	4,387	4,361	4,341	4,326	4,316
Cycle 4	4,213	4,199	4,177	4,170	4,160
Cycle 5	2,566	2,553	2,540	2,506	2,488
Cycle 6	<u>2,749</u>	<u>2,736</u>	<u>2,721</u>	<u>2,707</u>	<u>2,693</u>
Total Residential	22,132	22,040	21,967	21,862	21,782
<u>Industrial Customers</u>					
Cycle 7	589	591	597	593	594
Cycle 11	<u>73</u>	<u>71</u>	<u>69</u>	<u>69</u>	<u>67</u>
Total Industrial	662	662	666	662	661

PAWTUCKET WATER SUPPLY BOARD
Docket No. 3945
Pawtucket Water Supply Board's Response to
the Division of Public Utilities and Carriers' Data Requests
Set 1

DIV1-22: Please provide the PWSB's monthly accounts receivable balance for each of the past sixty months.

RESPONSE: See the attached Schedule DIV 1-22.

Prepared by: R. Benson

Schedule DIV-22

PWSB**Accounts Receivable Month End Account Balance**

<u>Month End</u>		<u>AR Balance</u>
6/30/2008		
5/31/2008		
4/30/2008		
3/31/2008	1	2,651,200.20
2/29/2008	2	3,484,279.11
1/31/2008	3	4,542,133.12
12/31/2007	4	2,367,707.76
11/30/2007	5	2,685,480.96
10/31/2007	6	2,221,587.20
9/30/2007	7	2,908,072.19
8/31/2007	8	2,658,492.75
7/31/2007	9	2,080,906.07
6/30/2007	10	2,118,933.61
5/31/2007	11	2,503,673.54
4/30/2007	12	2,238,354.15
3/31/2007	13	2,561,215.91
2/28/2007	14	3,269,419.62
1/31/2007	15	4,044,064.87
12/31/2006	16	2,326,872.21
11/30/2006	17	2,700,765.11
10/31/2006	18	2,277,455.93
9/30/2006	19	2,310,902.08
8/31/2006	20	2,740,941.54
7/31/2006	21	2,075,500.78
6/30/2006	22	1,937,502.42
5/31/2006	23	1,825,599.84
4/30/2006	24	1,748,785.84
3/31/2006	25	2,353,025.96
2/28/2006	26	3,167,492.40
1/31/2006	27	3,995,401.70
12/31/2005	28	2,011,254.08
11/30/2005	29	2,542,891.61
10/31/2005	30	2,237,477.73
9/30/2005	31	2,247,713.81
8/31/2005	32	2,422,848.57
7/31/2005	33	1,849,083.95
6/30/2005	34	1,504,923.81
5/31/2005	35	2,222,982.70
4/30/2005	36	1,710,684.93
3/31/2005	37	1,746,622.19
2/28/2005	38	2,681,141.11
1/31/2005	39	3,174,772.58
12/31/2004	40	1,781,008.99
11/30/2004	41	2,248,759.51
10/31/2004	42	1,753,004.19
9/30/2004	43	1,551,179.09
8/31/2004	44	2,006,764.46
7/31/2004	45	1,943,198.20
6/30/2004	46	1,609,928.08
5/31/2004	47	2,180,190.60
4/30/2004	48	1,668,669.96
3/31/2004	49	1,534,044.48
2/29/2004	50	2,683,462.84
1/31/2004	51	3,502,315.98
12/31/2003	52	1,957,090.55
11/30/2003	53	2,487,606.64
10/31/2003	54	2,188,224.27
9/30/2003	55	2,194,869.09
8/31/2003	56	2,723,915.85
7/31/2003	57	2,183,424.46
6/30/2003	58	1,907,630.66
5/31/2003	59	2,512,738.30
4/30/2003	60	2,207,674.79

PAWTUCKET WATER SUPPLY BOARD
Docket No. 3945
Pawtucket Water Supply Board's Response to
the Division of Public Utilities and Carriers' Data Requests
Set 1

DIV 1-24: Please list all restricted accounts of the PWSB. For each account, please provide, for each of the past three years, a) deposits to the account, b) interest earned, if applicable, and c) disbursements.

RESPONSE: See the attached schedules. The notation of "excess rate revenue" in the attached schedules (1-24.4, 1-24.5, 1-24.6 and 1-24.7) refers to adjustments that were made to the restricted accounts to reconcile deposits in accordance with the PWSB's Trust Indenture. During the fiscal years 2007 and 2008 cash collections were allocated to and deposited to certain restricted accounts. In January of each fiscal year, the PWSB bills its annual fire service charges. Cash from these bills is collected in February. This creates a large cash infusion at this time. When the fire service revenue is collected in February, the revenue fund has had cash collections sufficient to fully fund all the restricted accounts through eight month budgets. However, cash revenue collections for the final four months of the year do not include fire service revenue. Thus, cash collections decline. At the end of the fiscal years 2007 and 2008, it was apparent that there was not enough money for the PWSB to fully fund all of the restricted accounts, while at the same time meet its obligations under the PWSB's Trust Indenture, which sets up the order in which accounts must be funded. Thus, adjustments had to be made to achieve compliance with the PWSB's Trust Indenture. In FY07, a transfer was made from the Central Falls Franchise Fee Account to the Debt Service Stabilization Account. In FY08 transfers are required from the following restricted accounts to the IFR Account: Calgon UV License Fee Account, CF Operations Reserve Account, WTP Reserve Account and CF Franchise fee account. In addition, I have revised Schedule RB-12 from my original testimony, which shows the transfers from these accounts to the IFR account in FY08.

Prepared by: R. Benson

FY08 Rate Filing

PUC Restricted Debt Service Account Balances

Trust Indenture Debt Service Account & Trust Indenture Debt Stabilization Account	Fiscal Year Ending June 30			
	2005	2006	Test Year	
	FY05	FY06	2007	2008
	Actual	Actual	Actual	

Bond Debt Service Stabilization Account

Beginning Cash Balance	\$	-	\$	-	\$	2,685,740.31	\$	6,100,675.21
<u>Additions</u>								
From Rates - prior yr receipts transferred after y/e	\$	-	\$	-	\$	-	\$	305,960.87
From Rates - current revenue collections	\$	-	\$	2,638,670.18	\$	3,860,353.73	\$	150,962.00
Transfer from IFR Account - see FY07 deductions	\$	-	\$	-	\$	-	\$	19,033.93
Investment Income	\$	-	\$	47,070.13	\$	200,946.15	\$	268,868.52
Total Additions	\$	-	\$	2,685,740.31	\$	4,061,299.88	\$	744,825.32
<u>Deductions</u>								
Transfer to Debt service account	\$	-	\$	-	\$	122,316.62	\$	1,385,828.13
Payments to RICWFA for Bond Service Fees	\$	-	\$	-	\$	146,590.86	\$	365,637.26
Payments to Banks - Trustee & Admin Fees	\$	-	\$	-	\$	10,000.00	\$	13,850.00
Legal Fees - Continuing Disclosure	\$	-	\$	-	\$	1,349.14	\$	1,500.00
Misposted IFR expenses - reimbursed in 2008	\$	-	\$	-	\$	19,033.93	\$	-
Capital Lease - purchase deposit	\$	-	\$	-	\$	-	\$	150,728.00
Capital Lease - principal & interest	\$	-	\$	-	\$	-	\$	-
Reimburse City of Pawt - GO Bonds P&I	\$	-	\$	-	\$	347,074.43	\$	275,132.15
Total Deductions	\$	-	\$	-	\$	646,364.98	\$	2,192,675.54
Ending Cash Balance	\$	-	\$	2,685,740.31	\$	6,100,675.21	\$	4,652,824.99

RICWFA Bond Debt Service Account

Beginning Cash Balance - July 1	\$	(713,738.08)	\$	863,131.35	\$	2,246,839.73	\$	869,645.22
<u>Additions</u>								
Investment income - (estimated FY08-FY11)	\$	231,738.59	\$	434,620.07	\$	306,936.36	\$	417,184.76
Transfer from Debt Stabilization	\$	-	\$	-	\$	122,316.62	\$	1,385,828.13
From Rates - prior yr receipts transferred after y/e	\$	-	\$	-	\$	-	\$	182,273.55
From Rates - current revenue collections	\$	2,824,775.35	\$	1,843,106.46	\$	2,187,282.60	\$	5,736,014.00
Total Additions	\$	3,056,513.94	\$	2,277,726.53	\$	2,616,535.58	\$	7,721,300.44
<u>Deductions</u>								
Excess transfer to IFR Restricted Account	\$	-	\$	-				
SRF Loans principal payments due September 1	\$	1,000.00	\$	1,000.00	\$	800,000.00	\$	800,000.00
SRF Loan interest payments due September 1	\$	713,150.00	\$	713,150.00	\$	1,511,718.73	\$	1,626,287.56
SRF Loan interest payments due March 1	\$	713,150.00	\$	1,233,708.35	\$	1,595,193.25	\$	1,670,332.41
Payments to RICWFA for Bond Service Fees	\$	52,344.51	\$	174,307.97	\$	130,752.56	\$	-
Total Deductions	\$	1,479,644.51	\$	2,122,166.32	\$	4,037,664.54	\$	4,096,619.97
Ending Cash Balance - June 30	\$	863,131.35	\$	1,018,691.56	\$	825,710.77	\$	4,494,325.69

PWSB				Schedule DIV 1-24.2	
FY08 Rate Filing					
PUC Restricted Infrastructure Replacement Fund					
	FY04	FY05	FY06		
	Actual	Actual	Actual	FY07 - TEST YR	FY08
Infrastructure Replacement Fund (IRF)				Actual	
Beginning Cash Balance - July 1	\$ 1,819,563.77	\$ 2,185,153.63	\$ 4,744,502.08	\$ 5,922,913.14	\$ 5,952,952.65
Additions					
From Rates - Current year revenue allocation	\$ 2,647,533.68	\$ 2,450,422.39	\$ 2,671,039.00	\$ 2,908,258.43	\$ 3,100,000.00
From Rates - prior yr receipts transferred after y/e		\$ 728,385.76	\$ 53,495.28		\$ 109,682.22
Rate revenue misposted to WTP R&M Reserve					\$ 199,145.38
Rate revenue misposted to Calgon UV License Reserve					\$ 21,355.06
Rate revenue misposted to CF Operations Reserve					\$ 33,565.58
PUC Order - City of Pawtucket Deferred Hydrant Fees		\$ 45,112.00	\$ 45,112.00	\$ 45,112.00	\$ 45,112.00
From RIWRB Drinking Water Protection Program				\$ 1,277,238.03	
From Homeland Security Grant - security equipment					\$ 50,000.00
From EPA Grant - CF System Repairs					
From EPA Grant - Distribution System Refurbishment					
From RICWFA Series 2003A Project Account					\$ 64,737.31
Investment income - (estimated FY08-FY11)					
Investment income - (actual thru 2/29/08)	\$ 60,613.87	\$ 57,823.66	\$ 193,068.71	\$ 277,128.67	\$ -
Total Additions	\$ 2,708,147.55	\$ 3,281,743.81	\$ 2,962,714.99	\$ 4,507,737.13	\$ 3,623,597.55
Deductions					
Total Deductions	\$ 2,342,557.69	\$ 722,395.36	\$ 1,784,303.93	\$ 4,477,697.62	\$ 5,268,160.00
Ending Cash Balance - June 30	\$ 2,185,153.63	\$ 4,744,502.08	\$ 5,922,913.14	\$ 5,952,952.65	\$ 4,308,390.20

PWSSB		Schedule DIV 1-24.2a				
FY08 Rate Filing						
	FY04 Actual	FY05 Actual	FY06 Actual	FY07 - TEST YR Actual	FY08	
Series 2003A Project Fund						
Beginning Cash Balance - July 1	\$ -	\$ 352,695.95	\$ 29,231.06	\$ 29,499.09	\$ 62,949.16	
Additions						
Transfer from PPBA Bond Project Fund closeout	\$ 1,334,513.13	\$ -	\$ -	\$ -	\$ -	
Investment Income - actual (through 2/29/2008)	\$ 2,615.29	\$ 1,241.60	\$ 1,068.03	\$ 37,150.07	\$ 1,788.15	
Investment Income - estimated (FY08 Mar - Jun)	\$ -	\$ -	\$ -	\$ -	\$ -	
Total Additions	\$ 1,337,128.42	\$ 1,241.60	\$ 1,068.03	\$ 37,150.07	\$ 1,788.15	
Deductions						
Project expenditures	\$ 984,432.47	\$ 324,706.49	\$ 800.00	\$ 3,700.00		
Close account and transfer funds to IFR Account	\$ -	\$ -	\$ -	\$ -	\$ 64,737.31	
Total Deductions	\$ 984,432.47	\$ 324,706.49	\$ 800.00	\$ 3,700.00	\$ 64,737.31	
Ending Cash Balance - June 30	\$ 352,695.95	\$ 29,231.06	\$ 29,499.09	\$ 62,949.16	\$ (0.00)	

PWSB	Schedule DIV 1-24.3			
FY08 Rate Filing				
	FY05 Actual	FY06 Actual	FY07 - TEST YR Actual	FY08
Bond O&M Reserve				
Beginning Cash Balance - July 1	\$ 892,147.22	\$ 1,766,949.01	\$ 2,378,320.41	\$ 2,529,271.68
Additions				
Investment income - actual (through 2/29/2008)	\$ 22,541.22	\$ 75,870.72	\$ 119,471.27	\$ 81,279.84
Investment income - estimated (FY08 Mar - Jun)	\$ -	\$ -	\$ -	\$ 40,639.92
From Rates - Current year revenue allocation	\$ 852,260.57	\$ 535,500.68	\$ 31,480.00	\$ 31,480.00
Total Additions	\$ 874,801.79	\$ 611,371.40	\$ 150,951.27	\$ 153,399.76
Deductions				
none	\$ -	\$ -	\$ -	\$ -
Total Deductions	\$ -	\$ -	\$ -	\$ -
Ending Cash Balance - June 30	\$ 1,766,949.01	\$ 2,378,320.41	\$ 2,529,271.68	\$ 2,682,671.44
Add: rate revenue deposit made in subsequent year	\$ 55,583.06	\$ 2,623.33	\$ 2,623.33	\$ -
Less: excess rate revenue deposit to be xferred out	\$ -	\$ -	\$ -	\$ -
Restricted Cash Balance - O&M Reserve	\$ 1,822,532.07	\$ 2,380,943.74	\$ 2,531,895.01	\$ 2,682,671.44

PWSB FY08 Rate Filing	Schedule DIV 1-24.4			
	FY05 Actual	FY06 Actual	FY07 - TEST YR Actual	FY08
CF Franchise Fee Reserve				
Beginning Balance - July 1	\$ 163,779.31	\$ 389,348.56	\$ 571,406.25	\$ 709,595.18
Excess Cash on Deposit	\$ -	\$ -	\$ -	\$ -
Beginning Cash Balance - July 1 (per Bank & GL)	\$ 163,779.31	\$ 389,348.56	\$ 571,406.25	\$ 709,595.18
Additions				
Investment income - actual (through 2/29/2008)	\$ 4,745.94	\$ 15,848.78	\$ 29,760.51	\$ 12,423.15
Investment income - estimated (FY08 Mar - Jun)	\$ -	\$ -	\$ -	\$ 2,800.00
EPA Grant - CF Distribution System Purchase	\$ -	\$ -	\$ -	\$ 520,400.00
From Rates	\$ 220,823.31	\$ 166,208.91	\$ 158,428.42	\$ -
Total Additions	\$ 225,569.25	\$ 182,057.69	\$ 188,188.93	\$ 535,623.15
Deductions				
Transfer excess cash deposit to debt service	\$ -	\$ -	\$ -	\$ -
Final Franchise Fee Payment to CF	\$ -	\$ -	\$ -	\$ -
Escrow Deposit - CF System Purchase	\$ -	\$ -	\$ 50,000.00	\$ -
Payment - CF System Purchase	\$ -	\$ -	\$ -	\$ 1,050,000.00
Transfer excess revenue alloc to debt stabilization	\$ -	\$ -	\$ -	\$ 158,428.42
Transfer account balance to WTP Reserve Account	\$ -	\$ -	\$ -	\$ -
Total Deductions	\$ -	\$ -	\$ 50,000.00	\$ 1,208,428.42
Ending Cash Balance - June 30	\$ 389,348.56	\$ 571,406.25	\$ 709,595.18	\$ 36,789.91
Add: rate revenue deposit made in subsequent year	\$ 14,402.58	\$ -	\$ -	\$ -
Less: excess rate revenue deposit to be xferred out	\$ -	\$ -	\$ (158,428.42)	\$ -
Restricted Cash Balance - CF Franchise Fee Reserve	\$ 403,751.14	\$ 571,406.25	\$ 551,166.76	\$ 36,789.91

PWSB			Schedule DIV 1-24.5
FY08 Rate Filing			
WTP R&M Reserve			
Beginning Balance - July 1			
Excess Cash Deposit			
Beginning Cash Balance - July 1 (per Bank & GL)			
Additions			
From Rates - Current year revenue allocation	\$ 547,503.74	\$ -	\$ -
Excess rate revenue allocation	\$ -	\$ 199,145.38	\$ -
Investment income - actual (through 2/29/2008)	\$ -	\$ 5,024.54	\$ 33,586.23
Investment income - estimated (FY08 Mar - Jun)	\$ -	\$ -	\$ -
Transfer from CF Franchise Fee Reserve account	\$ -	\$ -	\$ -
Total Additions	\$ 547,503.74	\$ 204,169.92	\$ 33,586.23
Deductions			
Payments - WTP repairs & maintenance	\$ -	\$ 11,502.52	\$ -
Transfer excess revenue alloc to IFR	\$ -	\$ -	\$ 199,145.38
Estimated Decommissioning costs for former WTP	\$ -	\$ -	\$ -
blank line	\$ -	\$ -	\$ -
Total Deductions	\$ -	\$ 11,502.52	\$ -
Ending Cash Balance - June 30	\$ 629,463.26	\$ 822,030.66	\$ 855,616.89
Excess Funds held in this restricted account	\$ -	\$ 199,145.38	\$ 199,145.38
Less: Transfer out of excess revenue allocation	\$ -	\$ -	\$ 199,145.38
Excess Cash Deposit	\$ -	\$ 199,145.38	\$ -
Restricted Cash Balance - WTP R&M Reserve	\$ 629,463.26	\$ 622,885.28	\$ 677,356.51

PWSB	Schedule DIV 1-24.6		
FY08 Rate Filing		FY07 - TEST YR	FY08
		Actual	
CF OPERATIONS RESERVE			
Beginning Balance - July 1	\$ -	\$ -	\$ 33,529.16
Excess Cash Deposit	\$ -	\$ -	\$ -
Beginning Cash Balance - July 1 (per Bank & GL)	\$ -	\$ -	\$ 33,529.16
Additions			
From Rates - Current year revenue allocation	\$ -	\$ -	\$ -
Excess rate revenue allocation	\$ -	\$ 33,433.49	\$ -
Interest income - actual (through 2/29/2008)	\$ -	\$ 95.67	\$ 36.42
Interest income - estimated (FY08 Mar - Jun)	\$ -	\$ -	\$ -
Transfer from CF Franchise Fee Reserve account	\$ -	\$ -	\$ -
Total Additions	\$ -	\$ 33,529.16	\$ 36.42
Deductions			
Transfer excess revenue alloc. to IFR	\$ -	\$ -	\$ 33,555.58
blank line	\$ -	\$ -	\$ -
Total Deductions	\$ -	\$ -	\$ 33,555.58
Ending Cash Balance - June 30	\$ -	\$ 33,529.16	\$ (0.00)
Excess Funds held in this restricted account			
Less: Transfer out of excess rate revenue allocation	\$ -	\$ -	\$ 33,555.58
Excess Cash Deposit	\$ -	\$ 33,529.16	\$ -
Restricted Cash Balance - CF Operations Reserve	\$ -	\$ -	\$ (0.00)

PWSB		Schedule DIV 1-24.7		
FY08 Rate Filing		FY06	FY07 - TEST YR	FY08
		Actual	Actual	
CALGON UV LICENSE RESERVE				
Beginning Balance - July 1	\$ -	\$ -	\$ 21,269.63	\$ 21,326.90
Excess Cash Deposit	\$ -	\$ -	\$ -	\$ -
Beginning Cash Balance - July 1 (per Bank & GL)	\$ -	\$ -	\$ 21,269.63	\$ 21,326.90
Additions				
From Rates - Current year revenue allocation	\$ -	\$ -	\$ -	\$ -
Excess rate revenue allocation	\$ 21,266.83	\$ -	\$ -	\$ -
Interest income - actual (through 2/29/2008)	\$ 2.80	\$ 2.80	\$ 57.27	\$ 28.16
Interest income - estimated (FY08 Mar - Jun)	\$ -	\$ -	\$ -	\$ -
Transfer from CF Franchise Fee Reserve account	\$ -	\$ -	\$ -	\$ -
Total Additions	\$ 21,269.63	\$ 21,269.63	\$ 57.27	\$ 28.16
Deductions				
Transfer excess revenue alloc to IFR	\$ -	\$ -	\$ -	\$ 21,355.06
blank line	\$ -	\$ -	\$ -	\$ -
Total Deductions	\$ -	\$ -	\$ -	\$ 21,355.06
Ending Cash Balance - June 30	\$ 21,269.63	\$ 21,269.63	\$ 21,326.90	\$ -
Excess Funds held in this restricted account	\$ 21,269.63	\$ 21,269.63	\$ 21,326.90	\$ 21,355.06
Less: Transfer out excess rate revenue allocation	\$ -	\$ -	\$ -	\$ 21,355.06
Excess Cash Deposit	\$ 21,269.63	\$ 21,269.63	\$ 21,326.90	\$ -
Restricted Cash Balance - Calgon UV License Reserve	\$ -	\$ -	\$ -	\$ -

PWSB					Schedule RB-12 Revised	
FY08 Rate Filing						
PUC Restricted Infrastructure Replacement Fund						
	FY07 - TEST YR	FY08	FY09	FY10	FY11	FY12
Infrastructure Replacement Fund (IRF)	Actual					
Beginning Cash Balance - July 1	\$ 5,922,913.14	\$ 5,952,952.65	\$ 4,308,390.20	\$ 1,149,702.20	\$ (2,883,885.80)	\$ (7,968,973.80)
Additions						
From Rates - Current year revenue allocation	\$ 2,908,258.43	\$ 3,100,000.00	\$ 3,100,000.00	\$ 3,100,000.00	\$ 3,100,000.00	\$ 3,100,000.00
From Rates - prior yr receipts transferred after y/e		\$ 109,682.22				
Rate revenue misposted to WTP R&M Reserve		\$ 199,145.38				
Rate revenue misposted to Calgon UV License Reserve		\$ 21,355.06				
Rate revenue misposted to CF Operations Reserve		\$ 33,565.58				
PUC Order - City of Pawtucket Deferred Hydrant Fees	\$ 45,112.00	\$ 45,112.00	\$ 45,112.00	\$ 45,112.00	\$ 45,112.00	\$ -
From RIWRB Drinking Water Protection Program	\$ 1,277,238.03					
From Homeland Security Grant - security equipment		\$ 50,000.00				
From EPA Grant - CF System Repairs			\$ 482,100.00			
From EPA Grant - Distribution System Refurbishment			\$ 240,600.00			
From RICWFA Series 2003A Project Account		\$ 64,737.31				
Investment income - (estimated FY08-FY11)						
Investment income - (actual thru 2/29/08)	\$ 277,128.67	\$ -	\$ -	\$ -	\$ -	\$ -
Total Additions	\$ 4,507,737.13	\$ 3,623,597.55	\$ 3,867,812.00	\$ 3,145,112.00	\$ 3,145,112.00	\$ 3,100,000.00
Deductions						
New Utility Management Software (Billing, Work orders)	\$ 161,871.06	\$ 55,000.00				
Motor Vehicle Replacement Program						\$ 150,000.00
Computer Equipment Replacement Program		\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00
Main Office Building Repairs & Improvements		\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00
Meter Replacement Program	\$ 128,746.14	\$ 190,600.00	\$ 196,400.00	\$ 202,300.00	\$ 208,400.00	\$ 214,700.00
Remote Meter Reading Equipment (MIUs)	\$ 88,030.80	\$ 888,000.00	\$ 888,000.00			
Watershed Security Fencing	\$ 24,218.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00
Security Equipment - Alarms, Cameras, Motion Detect.	\$ 9,636.38	\$ 50,000.00	\$ 50,000.00			
Pollution Management Program			\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00
Well # 2 Rehabilitation - Engineering design	\$ 71,374.66	\$ 41,700.00				
Well # 2 Rehabilitation - Construction		\$ 250,000.00				
Wells # 6 - 9 Refurb wells for water quality & yield			\$ 60,000.00	\$ 60,000.00		
Wells # 6 - 9 New Building per Sanitary Survey				\$ 500,000.00	\$ 500,000.00	
EAP for Dams & Spillways due 7/1/08 to RIDEM		\$ 25,000.00				
Happy Hollow Dam & Spillway Rehabilitation			\$ 200,000.00	\$ 300,000.00		
Robin Hollow Reservoir outlet & aeration system refurb					\$ 300,000.00	\$ 730,000.00
Abbott Run Stream Bank Rehabilitation						\$ 100,000.00
Water Quality Monitors - Distribution System	\$ 2,343.55	\$ 50,000.00	\$ 50,000.00			
Hydraulic Modeling - Distribution System					\$ 200,000.00	
Storage Tank Painting - Stump Hill Tanks			\$ 325,000.00			\$ 500,000.00
Main Replacement - Broad Street Bridge Crossing	\$ 93,642.24					
Main Replacement - Project MR-1						
Main Replacement - Project MR-2	\$ 3,222,812.64	\$ 449,485.00				
Main Replacement - Project MR-3	\$ 16,463.25	\$ 2,611,475.00				
Main Replacement - Project MR-4			\$ 4,055,700.00			
Main Replacement - Project MR-5				\$ 4,500,000.00		
Main Replacement - Project MR-6					\$ 4,690,000.00	
Main Replacement - Project MR-7						\$ 4,880,000.00
IRF Project Manager - salary & benefits	\$ 76,505.81	\$ 96,600.00	\$ 99,500.00	\$ 102,500.00	\$ 105,600.00	\$ 108,800.00
Water works materials - Mains, Services & Hydrants	\$ 93,322.11	\$ 103,000.00	\$ 106,100.00	\$ 109,300.00	\$ 112,600.00	\$ 116,000.00
Road Restoration - Mains, Services & Hydrants	\$ 327,845.23	\$ 282,300.00	\$ 290,800.00	\$ 299,600.00	\$ 308,600.00	\$ 317,900.00
Demolition of Pump Station # 3 (Ralco Way)			\$ 500,000.00	\$ 500,000.00		
Renovation of Mill Street WTF Building				\$ 400,000.00	\$ 1,600,000.00	
Decommission Mill St. Water Treatment Facility						
Earthen Dikes & Overflow Drainage Improvements	\$ 130,000.00					
New Water Treatment Facility - Engineering services	\$ 18,563.40					
Mill Street Gate House entry refurbishment	\$ 12,322.35					
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Deductions	\$ 4,477,697.62	\$ 5,268,160.00	\$ 7,026,500.00	\$ 7,178,700.00	\$ 8,230,200.00	\$ 7,322,400.00
Ending Cash Balance - June 30	\$ 5,952,952.65	\$ 4,308,390.20	\$ 1,149,702.20	\$ (2,883,885.80)	\$ (7,968,973.80)	\$ (12,191,373.80)

PAWTUCKET WATER SUPPLY BOARD
Docket No. 3945
Pawtucket Water Supply Board's Response to
the Division of Public Utilities and Carriers' Data Requests
Set 4

DIV 4-1: Please provide:

- a. The current actual number of quarterly and monthly accounts by meter size;
- b. The current number of public hydrants;
- c. The current number of private fire services by size;
- d. Retail consumption by class (CPNW Schedule 2-0) for the latest 12-month period available; and
- e. Wholesale consumption for the latest 12-month period available.

RESPONSE:

a. The current number of quarterly and monthly accounts by meter size is as follows:

<u>Size</u>	<u>Monthly</u>	<u>Quarterly</u>
5/8"	11	21,504
3/4"	4	253
1"	12	486
1-1/2"	5	229
2"	39	361
3"	13	16
4"	6	5
6"	6	1
8"	0	0
Total	96	22,855

b. The current number of public hydrants is as follows:

<u>Community</u>	<u>Number</u>
Pawtucket	1516
Central Falls	202
Cumberland	197
Attleboro	2
Total	1917

c. The current number of private fire services by size is as follows:

<u>Size</u>	<u>Number</u>
2 inch	26
4 inch	49
6 inch	392
8 inch	90
10 inch	4
12 inch	2
Total	563

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d. See the attached schedule DIV 4-1(d) for the retail consumption by class for the latest 12 month period (July 2007 – June 2008).

e. Wholesale consumption for the latest 12 month period (July 2007 – June 2008) is 4,724,760 HCF.

Prepared by: R. Benson

Pawtucket Water Supply Board
Retail consumption by class for the latest 12-month period available
For the period of July 1, 2007 thru June 30, 2008

<u>SIZE</u>	<u>Residential Consumption</u>	<u>Industrial Consumption</u>	<u>Total Consumption</u>
5/8	2,697,563	19,192	2,716,755
3/4	41,671	15,763	57,434
1	90,210	56,239	146,449
Small	2,829,444	91,194	2,920,638
1 1/2	44,310	81,499	125,809
2	73,481	440,877	514,358
Medium	117,791	522,376	640,167
3	1,850	158,466	160,316
4	-	42,274	42,274
6	-	138,504	138,504
Large	1,850	339,244	341,094
Total	2,949,085	952,814	3,901,899

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DIV 4-1: Please provide:

- a. The current actual number of quarterly and monthly accounts by meter size;
- b. The current number of public hydrants;
- c. The current number of private fire services by size;
- d. Retail consumption by class (CPNW Schedule 2-0) for the latest 12-month period available; and
- e. Wholesale consumption for the latest 12-month period available.

SUPPLEMENTAL RESPONSE:

- e. Wholesale consumption for the latest 12 month period (July 2007 – June 2008) was 779,807 HCF. The original answer indicating that wholesale consumption was 4,724,760 HCF for the twelve month period of July 2007 to June 2008 was incorrect.

Prepared by: R. Benson

PAWTUCKET WATER SUPPLY BOARD

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Pawtucket Water Supply Board's Response to
the Rhode Island Public Utilities Commission's Data Requests
Set 1

COMM. 1-15: When will actual property tax, health insurance premiums and MERS rates be set and available?

RESPONSE: The actual property tax, health insurance premiums and MERS rates are expected shortly and they are for the fiscal year beginning July 1, 2008 through June 30, 2009. The actual rates that will be paid in the second half of the rate year (July 1, 2009 through December 31, 2009) will not be known until the same time next year when the fiscal year 2009 information becomes available. The information that is available is addressed as follows:

1. Property Taxes - All of the PWSB's actual property tax expense for fiscal year 2009 will not be known until all the local property and fire district tax bills are received.

As of this date, the PWSB has only received the Town of Cumberland's 2008 Tax Bills. The PWSB's taxes for real property in the Town of Cumberland is \$603,513.87, and the taxes for tangible property is \$4,791.16. The PWSB has a \$200,000 credit that will be applied to these taxes pursuant to the settlement agreement referenced in Mr. DeCelles direct testimony.

The remainder of the PWSB's property tax bills are expected to be received as follows:

All other municipalities – July 2008
Fire Districts – September 2008

2. Health Insurance Premiums - The employees of the PWSB are covered under the health and dental plans provided by the City of Pawtucket. The City is self insured with Blue Cross/Blue Shield of RI. Therefore, the fiscal year health insurance premiums will not be finalized until the City's annual operating budget is ratified by the City Council. The budget and these health insurance premiums for the period of July 1, 2008 through June 30, 2008 will be set and available by the end of June 2008.
3. MERS - See the PWSB's response to DIV 1-13.

Prepared by: R. Benson

PAWTUCKET WATER SUPPLY BOARD

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the Rhode Island Public Utilities Commission's Data Requests
Set 1

COMM 1– 28: Has PWSB contacted Cumberland for a projection of Rate Year sales volumes? If so, what was the response? If not, why not?

RESPONSE: Yes. Cumberland has indicated that they will purchase approximately the same amount of water as last year.

Prepared by: James DeCelles