

KEOUGH & SWEENEY, LTD.

ATTORNEYS AND COUNSELORS AT LAW

100 ARMISTICE BOULEVARD

PAWTUCKET, RHODE ISLAND 02860

JOSEPH A. KEOUGH JR.*
JEROME V. SWEENEY III*

SEAN P. KEOUGH*
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JEROME V. SWEENEY II
OF COUNSEL

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*ADMITTED TO PRACTICE IN
RHODE ISLAND & MASSACHUSETTS

May 20, 2010

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

RE: Pawtucket Water Supply Board
Docket 4171

Dear Ms. Massaro:

Enclosed please find an original and nine (9) copies of the Pawtucket Water Supply Board's response to the Division of Public Utilities and Carriers' First Set of Data Requests in the above-captioned Docket. Please note that an electronic copy of this document has been provided to the service list.

Thank you for your attention to this matter.

Sincerely,

Joseph A. Keough, Jr.

JAK:prc
Enclosure

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

DOCKET NO. 4171

Response Of The Pawtucket Water Supply Board

To The Division of Public Utilities And Carriers'

Data Requests

Set 1

DIV. 1-1. Regarding page 2 of Mr. Bebyn's testimony, line 30, please provide a further explanation of the "fees received in the land acquisition fund", including the source of the fees and the expected use of these fees.

RESPONSE: 1. Source of the Sale Proceeds (fees) in the Land Acquisition Fund:
The fees of \$70,497 represent the proceeds received from the sale of soil & gravel removed from the Arnolds Mill Reservoir.

2. The Expected Use of these Sale Proceeds:
These funds will be used to purchase of land & land rights for watershed protection.

Prepared by: R. Benson

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

DOCKET NO. 4171

Response Of The Pawtucket Water Supply Board

To The Division of Public Utilities And Carriers'

Data Requests

Set 1

DIV. 1-2. Regarding page 3, lines 13-17 of Mr. Bebyn's testimony, please identify all grants received in the test year or expected through the rate year. For each such grant, please provide a) the source of the grant, b) the amount of the grant, and c) the intended use of the grant.

RESPONSE: See attached Schedule DIV 1-2.

Prepared by: R. Benson

PWSB

Schedule DIV 1-2

GRANTS RECEIVED

Grant Source	Grant Amount	Intended Use	Test Year Receipts	FY2010 Receipts	Cumulative Receipts thru 6/30/10
US Environmental Protection Agency	482,100.00	Restricted to the renovation of the transmission & distribution mains (pipes) within the Central Falls Water Distribution System	384,138.63	97,961.37	482,100.00
US Environmental Protection Agency	240,600.00	Restricted to the PWSB Water Infrastructure Improvement Project	176,362.27	64,237.73	240,600.00
RI Emergency Management Agency (US Dept of Homeland Security)	60,000.00	Water Quality Monitoring Equipment & Site Security Equipment	26,434.00	33,566.00	60,000.00
	782,700.00		586,934.90	195,765.10	782,700.00

As of April 30, 2010 the PWSB does not have any new or existing Grant Awards expected to be received in the rate year.

The above Grant funds have been received and are fully expended. The US EPA Grants were used to for main replacement expenditures and the grant proceeds were reimbursed to the IFR restricted fund.

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

DOCKET NO. 4171

Response Of The Pawtucket Water Supply Board

To The Division of Public Utilities And Carriers'

Data Requests

Set 1

DIV. 1-3. Regarding page 3, lines 28-29 of Mr. Bebyn's testimony, please provide a further explanation of "expenses related to the acquisition funded by revenues already removed from rates."

RESPONSE: The expenditures of \$208,002 represent surveying services for the consolidation of the PWSB land holdings within our watershed for the accurate valuation and zoning classification of these land holdings.

Prepared by: R. Benson

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

DOCKET NO. 4171

Response Of The Pawtucket Water Supply Board

To The Division of Public Utilities And Carriers'

Data Requests

Set 1

DIV. 1-4. Regarding Schedule DGB-2, please provide an explanation of
"Contractual Services – Mgt. Fees (634) City Chg" and explain how this
charge is determined each year.

RESPONSE: The line item contractual services management fee represents an
allocation of administrative services provided by the City of Pawtucket
for the PWSB. These administrative services consist of the following
City offices: Finance and Accounting, Personnel, Payroll, Collections,
Purchasing and Information Technology. This charge is determined at
the end of each fiscal year when the following City departments –
Personnel, Payroll, Purchasing, Data Processing, Collections and
Accounting – provide a cost allocation of their labor and related
expenses to the PWSB based upon a percentage of time. The City
Finance Office prepares one journal entry reallocating these costs to
this expense account. The City provides a copy of the journal entry
with its supporting documentation to the PWSB.

Prepared by: R. Benson

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

DOCKET NO. 4171

Response Of The Pawtucket Water Supply Board

To The Division of Public Utilities And Carriers'

Data Requests

Set 1

DIV. 1-5. Please provide any documentation or supporting material for the test year amount of "Contractual Services –Mgt. Fees (634) City Chg".

RESPONSE: See the attachment DIV 1-5.

Prepared by: R. Benson

DOCKET 4171
DIV 1-5



CITY OF PAWTUCKET
PAWTUCKET CITY HALL
137 ROOSEVELT AVENUE
PAWTUCKET, RHODE ISLAND 02860

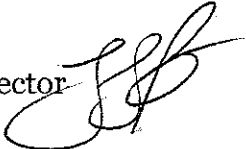
DIVISION OF FINANCE

JAMES E. DOYLE
MAYOR

JEANNINE S. BOURSKI
DEPUTY FINANCE DIRECTOR

MEMORANDUM

TO: Jim DeCelles, Chief Engineer
Pawtucket Water Supply Board

FROM: Jeannine S. Bourski, Deputy Finance Director 

DATE: July 13, 2009

RE: FY09 Chargebacks

CC: Mayor James E. Doyle
Harvey E. Goulet, Director of Administration
Ronald L. Wunschel, Director of Finance
Jennifer Legner, Chief Accountant
Robert Benson, Chief Financial Officer, PWSB

Attached you will find the detail supporting the charges allocated for Water Supply Board purposes by the City of Pawtucket. We have attached a copy of the journal entry charging 300-9510-652-3051 as instructed by Bob Benson.

In summary the charges are as follows:

Personnel	\$ 32,847.00
Payroll	14,336.00
Purchasing	37,848.90
Data Processing	7,701.16
Collections	33,199.26
Accounting	<u>71,348.77</u>
TOTAL CHARGES	\$197,281.09



CITY OF PAWTUCKET

CITY HALL
137 ROOSEVELT AVENUE
PAWTUCKET, RHODE ISLAND 02860


DIVISION OF PERSONNEL

JAMES E. DOYLE
MAYOR

ANGEL S. GARCIA
PERSONNEL DIRECTOR

DATE: July 10, 2009

TO: Jeannine S. Bourski, Deputy Finance Director

FROM: Angel S. Garcia 

SUBJECT: Charges to the Water Supply Board FY 2010

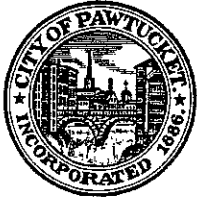
Based on the Personnel and Payroll Division's budget, it is estimated that the following amounts should be charged to the Water Supply Board for services rendered. Wages for the Personnel Division include: Personnel Director, Personnel Aide, Personnel Assistant and Employee Benefits Coordinator and for the Payroll Division are: Payroll Section Chief and Payroll Medical Clerk.

	Personnel Division	Payroll Division
Wages	\$ 200,043.	\$ 83,001.
FICA	\$ 14,252.	\$ 5,750.
Medicare	\$ 3,333.	\$ 1,345.
M.E.R.S.	\$ 23,369.	9,931.
Longevity	\$ 15,645.	\$ 7,470.
Medical/Dental	\$ 71,227.	\$ 35,614.
Workers Compensation	\$ 601.	\$ 249.
Total	\$ 328,470.	\$143,360.

Resulting charges to the PWSB:

Personnel Division:	10% of \$ 328,470.	\$ 32,847.
Payroll Division:	10% of \$ 143,360.	\$ 14,336.

cc: Harvey E. Goulet, Director of Administration
Ronald L. Wunschel, Finance Director
File



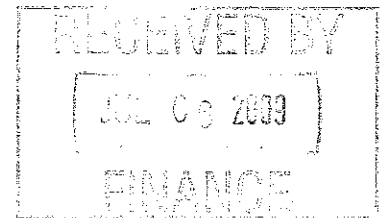
CITY OF PAWTUCKET

CITY HALL
137 ROOSEVELT AVENUE
PAWTUCKET, RHODE ISLAND 02860

OFFICE OF THE PURCHASING DIVISION

JAMES E. DOYLE
MAYOR

JOSEPH ROQUE
PURCHASING AGENT



CHARGE-BACKS TO PAWTUCKET WATER SUPPLY

7/1/2008 THROUGH 6/30/2009

PERSONAL SERVICES	\$148,785.
OUT-OF-GRADE PAY	0.
LONGEVITY	12,360.
TEMPORARY SERVICES	1,000.
PURCHASING BOARD	7,200.
FICA	10,499.
MEDICARE	2,456.
HEALTH BENEFITS	38,908.
DENTAL BENEFITS	2,134.
MERS	<u>\$ 19,128.</u>

TOTAL PERSONAL SERVICES: \$242,470.

EDUCATIONAL TRAINING	\$ 500.
PAGER SERVICE	100.
OFFICE MAINTENANCE	200.
TELEPHONE	1,995.
PRINTING	2,200.
DUES & SUBSCRIPTIONS	149.
OFFICE SUPPLIES	1,950.
POSTAGE	962.
OFFICE EQUIPMENT	<u>\$ 1,800.</u>

TOTAL MAINTENANCE \$ 9,856.

TOTAL SERVICES AND MAINTENANCE: \$252,326.

\$252,326. X 15% = \$37,848.90 CHARGE-BACK TO WATER SUPPLY

COST INCURRED TO THE INFORMATION TECHNOLOGY DIVISION FOR PROCESSING THE WATER SUPPLY BOARD DATA FOR FY09

1. PAYROLL PROCESSING

<u>PROCESSING FUNCTION</u>	<u>RATE (per hour)</u>	<u>TIME (hours)</u>	<u>COST</u>
Computer	\$ 50.00	13	\$650.00

2. WATER BILLING/PAYMENT

PROCESSING FUNCTION

Computer	\$ 50.00	65	\$3,250.00
Operator	\$ 33.6867	65	\$2,189.64
Benefits (FICA,MEDICARE,MERS)			\$ 402.67

3. COST RECAPITULATION

Payroll Processing cost	\$ 650.00
Water Bills/Payment	\$ 5,842.31
Cost of checks	<u>\$ 1,208.85</u>
	\$ 7,701.16



CITY OF PAWTUCKET

CITY HALL
137 ROOSEVELT AVENUE
PAWTUCKET, RHODE ISLAND 02860

DIVISION OF COLLECTIONS

JAMES E. DOYLE
MAYOR

CHERYL L. DIGIUSEPPE
TAX COLLECTOR

INTER-OFFICE MEMO

To: Jeannine Bourski, Deputy Finance Director
From: Cheryl L. DiGiuseppe, Tax Collector *CD*
Date: July 8, 2009
Re: Water Supply Board Charge-back
Fiscal Year 2009

Investment/Process cash receipts	\$ 21,925.70
FICA/Medicare/Mers	\$ 4,279.90
Medical Benefits	\$ 6,615.93
Dental Benefits	\$ 377.73
<hr/>	
Grand Total Fiscal Year 2009	\$ 33,199.26

cc: Mayor James E. Doyle
Harvey Goulet, Director of Administration
Ronald L. Wunschel, Director of Finance



**CITY OF PAWTUCKET
WATER DEPARTMENT
CHARGE BACK FOR FISCAL YEAR ENDING 06/30/10**

SALARIES	<u>GROSS SALARY</u>	<u>TIME ALLOCATED</u>	<u>ALLOCATION</u>	<u>TOTAL ALLOCATION</u>
Tax Collector	76,589.00	10%	7,658.90	
Cash Reconciliation Clerk	39,167.00	10%	3,916.70	
Tax Sale Clerk	39,167.00	5%	1,958.35	
Cashier/Clerk	33,567.00	25%	8,391.75	
				21,925.70

EMPLOYER SHARE BENEFITS	<u>TOTAL WAGES</u>	<u>RATE</u>	<u>ALLOCATION</u>	
FICA	21,925.70	6.20%	1,359.39	
MEDICARE	21,925.70	1.45%	317.92	
MERS	21,925.70	11.87%	2,602.58	
				4,279.90

MEDICAL BENEFITS	<u>MONTHLY COST</u>		<u>YEARLY COST</u>	<u>TIME ALLOCATED</u>	<u>ALLOCATION</u>	
Tax Collector	1350.39	X 12	16,204.68	10%	1,620.47	
Cash Reconciliation Clerk	1000.00		1,000.00	10%	100.00	
Tax Sale Clerk	1359.85	X 12	16,318.20	5%	815.91	
Cashier/Clerk	1359.85	X 12	16,318.20	25%	4,079.55	
						6,615.93

DENTAL BENEFITS	<u>MONTHLY COST</u>		<u>YEARLY COST</u>	<u>TIME ALLOCATED</u>	<u>ALLOCATION</u>	
Tax Collector	76.61	X 12	919.32	10%	91.93	
Cash Reconciliation Clerk	100.00		100.00	10%	10.00	
Tax Sale Clerk	76.61	X 12	919.32	5%	45.97	
Cashier/Clerk	76.61	X 12	919.32	25%	229.83	
						377.73

COST OF CHECKS Transferred to the Information Technology Department's cost center.

TOTAL COLLECTIONS DIVISION CHARGEBACK **33,199.25**

**CITY OF PAWTUCKET
WATER DEPARTMENT
CHARGE BACK FOR FISCAL YEAR 09
7/1/08 - 6/30/09**

SALARIES	<u>GROSS SALARY</u>	<u>TIME ALLOCATED</u>	<u>ALLOCATION</u>	<u>TOTAL ALLOCATION</u>
Chief Accountant	55,853.62	15%	8,378.04	
Accountant II	49,155.64	25%	12,288.91	
Senior Acct Pay Clerk	41,484.04	40%	16,593.62	
Finance Office Assistant	40,117.69	10%	4,011.77	
Jr Accountant	5,418.28	15%	812.74	
Fixed Asset Acct	40,342.28	10%	4,034.23	
				46,119.31

EMPLOYER SHARE BENEFITS

	<u>TOTAL WAGES</u>	<u>RATE</u>	<u>ALLOCATION</u>	
FICA	46,119.31	6.20%	2,859.40	
MEDICARE	46,119.31	1.45%	668.73	
MERS	46,119.31	11.87%	5,474.36	
				9,002.49

MEDICAL BENEFITS

	<u>MONTHLY COST</u>		<u>YEARLY COST</u>	<u>TIME ALLOCATED</u>	<u>ALLOCATION</u>	
Chief Accountant	1359.85	X 12	16,318.20	15%	2,447.73	
Accountant II	1359.85	X 12	16,318.20	25%	4,079.55	
Senior Acct Pay Clerk	1359.85	X 12	16,318.20	40%	6,527.28	
Finance Office Assistant	1350.39	X 12	16,204.68	10%	1,620.47	
Jr Accountant	2196.74	X 1	2,196.74	15%	329.51	
Fixed Asset Acct	250	X 12	3,000.00	10%	300.00	
						15,304.54

DENTAL BENEFITS

	<u>MONTHLY COST</u>		<u>YEARLY COST</u>	<u>TIME ALLOCATED</u>	<u>ALLOCATION</u>	
Chief Accountant	80.82	X 12	969.84	15%	145.48	
Accountant II	80.82	X 12	969.84	25%	242.46	
Senior Acct Pay Clerk	80.82	X 12	969.84	40%	387.94	
Finance Office Assistant	80.82	X 12	969.84	10%	96.98	
Jr Accountant	130.55	x1	130.55	15%	19.58	
Fixed Asset Acct	25	X 12	300.00	10%	30.00	
						922.44

TOTAL ACCOUNTING DIVISION CHARGEBACK

71,348.77

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

DOCKET NO. 4171

Response Of The Pawtucket Water Supply Board

To The Division of Public Utilities And Carriers'

Data Requests

Set 1

DIV. 1-6. Regarding Schedule DGB-2, please provide an explanation of
"Contractual Services – Other" and explain how this charge is
determined each year.

RESPONSE: "Contractual services – Other" includes various non-recurring services
of consultants which are contracted as required to maintain
operations. For example in FY09 we needed the services of a software
specialist for our meter reading route management software. See the
response to DIV 1-7 for the detail to the test year expenses.

Prepared by: R. Benson

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

DOCKET NO. 4171

Response Of The Pawtucket Water Supply Board

To The Division of Public Utilities And Carriers'

Data Requests

Set 1

DIV. 1-7. Please provide any documentation or supporting material for the test year amount of "Contractual Services –Other".

RESPONSE: See the attached schedule DIV 1-7 and vendor invoices.

Prepared by: R. Benson

Pawtucket Water Supply Board
Contractual Services
Schedule DIV 1-7
As of June 30, 2009

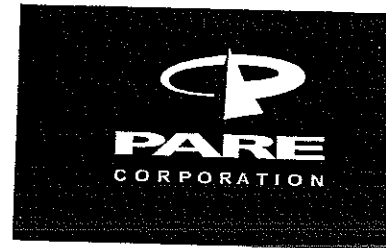
<u>Contractual Services</u>	<u>Purpose</u>	<u>Total</u>	
Pare Engineering	Consulting Services - Water Supply Management Plan	7,365.46	
T I - Sales	Services - Meter Reading Route Management Software	300.00	
AMTEC Corp	Arbitrage Services - RICWFA Bonds Series 2003A	600.00	
Cataldo Associates	Professional Services - Land Surveying	208,002.40	see DIV 1-3
Sub-Total		216,267.86	

See attached copies of invoices

ENGINEERS
SCIENTISTS
PLANNERS

www.parecorp.com

Invoice



PAWTUCKET WATER SUPPLY BOARD
ATTN: MR. RICHARD ANTONELLI
85 BRANCH STREET
PAWTUCKET, RI 02860

August 22, 2008
Project No.: 07041.00
Invoice No.: 0000007
Revised: October 10, 2008

PAWTUCKET WATER SUPPLY BOARD WSSMP 5 YEAR UPDATE
PO # 036166

Professional Services from August 31, 2007 through July 25, 2008 (partial)

Professional Personnel

	Hours	Rate	Amount	
SENIOR PROJECT ENGINEER				
ENNIS, BRENDAN	9.00	120.00	1,080.00	
PROJECT ENGINEER				
SIMEONE, MATTHEW	6.00	110.00	660.00	
SENIOR ENGINEER				
BLANCHARD, BRANDON	1.00	95.00	95.00	
ENGINEER				
DILORENZO, PETER	1.50	85.00	127.50	
OAKES, KRISTINA	10.00	85.00	850.00	
SENIOR PLANNER/SCIENTIST				
PEREIRA, CRAIG	10.00	90.00	900.00	
CADD OPERATOR				
DOYLE, APRIL	1.50	75.00	112.50	
GAUDETTE, JASON	3.00	75.00	225.00	
SENIOR CADD OPERATOR/DESIGNER				
BOTELHO, RICHARD	4.50	90.00	405.00	
TECHNICIAN				
MARSOCCHI, MICHAEL	8.00	60.00	480.00	
CLERICAL				
LOFGREN, CHRISTOPHER	6.00	60.00	360.00	
POULOS, DEBRA	1.50	60.00	90.00	
VIENS, ALLISON	5.00	60.00	300.00	
Totals	67.00		5,685.00	
Total Labor				5,685.00
		Total this Task		5,685.00

Consultants

OTHER CONSULTANTS

7/30/08 METCALF & EDDY, INC. SOURCE WATER ASSESSMENT
PLAN UPDATE 1,502.42

Total Consultants 1,502.42 1,502.42

Ti-SALES INC.

Ch# 1073621 8/27/08

WATER and WASTE WATER SUPPLIES

36 HUDSON ROAD (Route 27)

SUDBURY, MASS. 01776-2097

PHONE: (978) 443-2002

WATS: (800) 225-4616

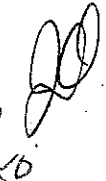
FAX: (978) 443-7600

Invoice	00219704
Page	1
Invoice Date	08/07/2008
Order Date	08/07/2008

Sold To: PAWTUCKET WATER SUPPLY BOARD
85 BRANCH STREET
PAWTUCKET, RI 02860

Ship To: PAWTUCKET WATER SUPPLY BOARD
85 BRANCH STREET
PAWTUCKET, RI 02860

PAWT5

Customer PO Number		Ship Date	Salesperson		Terms		Location	
Jim DeCelles		08/07/2008	Joe Coulter		NET 30 DAYS			
Document	Warehouse		Freight		Ship Via			
00177985	TI-SALES, inc.				Direct Shipment			
Item Number / Description			Ordered	Shipped	Backord	Price	Extension	
SOFTWARE Onsite training of CE5320 Handheld for New Meter Reader			1	1	0	300.00	300.00	
<div>OK to pay REB </div> <div>300-9570-652-30-50</div>								
Visit our Web Site www.tisales.com			Merchandise	Other Charges	Tax		Total Due	
			300.00	0.00	0.00		300.00	

2002_12

A SERVICE CHARGE WILL BE ADDED
TO BALANCES OVER 30 DAYS

Invoice

INVOICE

Client: Mr. Robert Benson
Chief Financial Officer
Pawtucket Water Supply Board
85 Branch Street
Pawtucket, RI 02860-1018

Invoice No. 1200-01-09

Date: January 9, 2009
2nd Request: June 15, 2009

For Professional Services:

Date Completed	Issue	Service	Fee
January 9, 2009	Arbitrage Rebate Computations for the \$19,340,000 Rhode Island Clean Water Finance Agency, City of Pawtucket, Rhode Island Conduit Issue Water Revenue Bonds, Series 2003 A	Rebate Report & Opinion	\$600
Total			\$600

*OK to pay R. Benson
from Debt Stabilization Account*

Should you have any questions about this invoice, please call our office at (860) 523-5112.

Please remit the total due to:

AMTEC
124 LaSalle Road
West Hartford, CT 06107

Tax ID 06-1308917

INVOICE

Client: Mr. Robert Benson
Chief Financial Officer
Pawtucket Water Supply Board
85 Branch Street
Pawtucket, RI 02860-1018

Invoice No. 1200-01-09

Date: January 9, 2009
2nd Request: April 13, 2009

For Professional Services:

Date Completed	Issue	Service	Fee
January 9, 2009	Arbitrage Rebate Computations for the \$19,340,000 Rhode Island Clean Water Finance Agency, City of Pawtucket, Rhode Island Conduit Issue Water Revenue Bonds, Series 2003 A	Rebate Report & Opinion	\$600
Total			\$600

Should you have any questions about this invoice, please call our office at (860) 523-5112.

Please remit the total due to:

AMTEC
124 LaSalle Road
West Hartford, CT 06107

Tax ID 06-1308917

July 14, 2009

Professional Services for
PWSB Land Control RISPC Ties
Bench Run/Set Bench Marks
Cumberland, RI
CA Project No: 3126-04

INVOICE NO. 12

Billing period May 30, 2009 through June 30, 2009

FEE COMPUTATION

SURVEY BILLING RATES for Work this Invoice

Principal Surveyor, P.L.S.	36	hours @	\$85.00/hr.	\$	3,060.00
Computations	108	hours @	\$70.00/hr.	\$	7,560.00
Technical Draftspersons	156	hours @	\$55.00/hr.	\$	8,580.00
2-Man Survey Crew	7.625	days @	\$760.00/day	\$	<u>5,795.00</u>
SUBTOTAL ENGINEERING BILLING RATES:				\$	24,995.00

OUT OF POCKET EXPENSES (Back Up Attached)

Mileage (5/30/09 - 6/30/09)	\$	261.50
Total Out of Pocket Expenses	\$	261.50

AMOUNT DUE THIS INVOICE: \$ 25,256.50 ✓

*approved for
payment 7/20/09
Chris Colls*

PLEASE REMIT PAYMENTS TO CATALDO ASSOCIATES INC. UPON RECEIPT.
THANK YOU FOR YOUR BUSINESS!



CATALDO ASSOCIATES INC

July 14, 2009

Professional Services for
PWSB Land Control RISPC Ties
Bench Run/Set Bench Marks
Cumberland, RI
CA Project No. 3126-04

INVOICE NO. 12

Billing period May 30, 2009 through June 30, 2009

DESCRIPTION OF PROFESSIONAL SERVICES THIS INVOICE:

SURVEYING

- Completed field work measurements of boundary line evidence north of Reservoir Road and south of the State line. Additional field measurements AP 47, Lots 98, 99, and 18.
- Performed additional research.
- Prepared office CADD draft and digitize maps and label bench marks.
- Prepared office calculations and field reductions to make Boundary Line Determinations.
- Prepared CADD drafting integration of aerial mapping with previous field work.

*approved for
payment 7/20/09
Chris Coll*

CHK# 1088630 6-11-09



June 2, 2009

Professional Services for
PWSB Land Control RISPC Ties
Bench Run/Set Bench Marks
Cumberland, RI
CA Project No. 3126-04

11
INVOICE NO. 10

Billing period May 2, 2009 through May 29, 2009

DESCRIPTION OF PROFESSIONAL SERVICES THIS INVOICE:

SURVEYING

- Completed field work measurements of boundary line evidence north of Reservoir Road and south of the State line.
- Performed additional research.
- Prepared office CADD draft/digitized Attleboro Assessors Parcels.
- Prepared office calculations and field reductions to make Boundary Line Determinations.
- Prepared CADD drafting integration of aerial mapping with previous field work.

Approved for
payment 6/11/09
Chris Collins

C CATALDO ASSOCIATES INC

June 2, 2009

Professional Services for
PWSB Land Control RISPC Ties
Bench Run/Set Bench Marks
Cumberland, RI
CA Project No. 3126-04

INVOICE NO. 10

Billing period May 2, 2009 through May 29, 2009

FEE COMPUTATION

SURVEY BILLING RATES for Work this Invoice

Principal Surveyor, P.L.S.	27	hours @	\$85.00/hr.	\$	2,295.00
Computations	5	hours @	\$70.00/hr.	\$	350.00
Technical Draftsperson	100	hours @	\$55.00/hr.	\$	5,500.00
2-Man Survey Crew	3.00	days @	\$760.00/day	\$	2,280.00
SUBTOTAL ENGINEERING BILLING RATES:				\$	10,425.00

OUT OF POCKET EXPENSES (Back Up Attached)

Mileage (5/2/09 – 5/29/09)	\$	180.00
Town of Plainville – Assessor's Map	\$	21.00
Total Out of Pocket Expenses	\$	201.00

AMOUNT DUE THIS INVOICE: \$ 10,626.00

PLEASE REMIT PAYMENTS TO CATALDO ASSOCIATES INC. UPON RECEIPT.
THANK YOU FOR YOUR BUSINESS!

CATALDO ASSOCIATES/CIVIL ENGINEERS
TOWN OF PLAINVILLE

10901

Memo:ASSESSOR'S MAPS FOR 3126-04

Check Number: 10901
Check Date: May 18, 2009
Check Amount: \$21.00

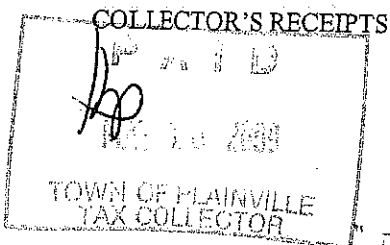
Invoice No./Date	Description	Amount Paid
5/18/09	ASSESSOR'S MAP FOR PWSB	21.00

TOWN OF PLAINVILLE

332

Board of Assessors

Description



DATE May 18, 2009
Client's Copy

Amount

Copies.....
Other.....

21.00

CK 116
10901

CHK# 1087722
5-20-09

May 5, 2009

Professional Services for
PWSB Land Control RISPC Ties
Bench Run/Set Bench Marks
Cumberland, RI
CA Project No. 3126-04

INVOICE NO. 10

Billing period March 28, 2009 through May 1, 2009

FEE COMPUTATION

SURVEY BILLING RATES for Work this Invoice

Principal Surveyor, P.L.S.	84 hours @	\$85.00/hr.	\$ 7,140.00
Computations	21 hours @	\$70.00/hr.	\$ 1,470.00
Technical Draftsperson	20 hours @	\$55.00/hr.	\$ 1,100.00
2-Man Survey Crew	10.125 days @	\$760.00/day	\$ <u>7,695.00</u>
SUBTOTAL ENGINEERING BILLING RATES:			\$ 17,405.00

OUT OF POCKET EXPENSES (Back Up Attached)

Mileage (3/28/09 – 5/1/09)	\$ 314.50
Copies (4/9/09)	\$ 6.00

Pot#
37581
OK FEB 20

AMOUNT DUE THIS INVOICE: \$ 17,725.50

Approved for
payment 5/12/09
Chris Collier

PLEASE REMIT PAYMENTS TO CATALDO ASSOCIATES INC. UPON RECEIPT.
THANK YOU FOR YOUR BUSINESS!

CATALDO ASSOCIATES INC.

Job Ledger Report

Filter Criteria includes: 1) IDs from 3126-04 to 3126-04. Report order is by ID. Report is printed excluding Balance Forward.
 For the Period From Apr 1, 2009 to May 1, 2009

Job ID	GL Acct ID	GL Acct Descripti	Phase ID	Cost Code 1	Trx Date	Trans Description	Jrnl	Trans	Amount	Totals
3126-04	75000	Printing and Reprod			4/10/09	KEVIN BRYDEN - COPIES PWSB 4/9/09	PJ	DUE	6.00	
										6.00
	81000	Travel Expense			4/3/09	KEVIN BRYDEN - MILEAGE PWSB 3/30/09 - 4/2/09	PJ	DUE	112.00	
					4/10/09	KEVIN BRYDEN - MILEAGE PWSB 4/6/09-4/9/09	PJ	DUE	89.00	
					5/1/09	KEVIN BRYDEN - MILEAGE PWSB 4/27/09 - 4/30/09	PJ	DUE	113.50	
										314.50
3126-04										320.50
Report										320.50
										320.50
										320.50

Total

Total

March 31, 2009

Professional Services for
PWSB Land Control RISPC Ties
Bench Run/Set Bench Marks
Cumberland, RI
CA Project No. 3126-04

PO #
37581 OK
REB
JP

INVOICE NO. 9

Billing period January 31, 2009 through March 27, 2009

FEE COMPUTATION

SURVEY BILLING RATES for Work this Invoice

Principal Surveyor, P.L.S.	54	hours @	\$85.00/hr.	\$	4,590.00
Computations	10	hours @	\$70.00/hr.	\$	700.00
Technical Draftsperson	0	hours @	\$55.00/hr.	\$	0.00
2-Man Survey Crew	7.375	days @	\$760.00/day	\$	5,605.00
SUBTOTAL ENGINEERING BILLING RATES:				\$	10,895.00

OUT OF POCKET EXPENSES (Back Up Attached)

Mileage (1/31/09 – 3/27/09) \$ 226.50

AMOUNT DUE THIS INVOICE: \$ 11,121.50

Approved for
payment 4/6/09
Chris Collins

PLEASE REMIT PAYMENTS TO CATALDO ASSOCIATES INC. UPON RECEIPT.
THANK YOU FOR YOUR BUSINESS!

February 4, 2009

Professional Services for
PWSB Land Control RISPC Ties
Bench Run/Set Bench Marks
Cumberland, RI
CA Project No. 3126-04

INVOICE NO. 8

Billing period January 3, 2009 through January 30, 2009

PO#
37581
OK
REB

FEE COMPUTATION

SURVEY BILLING RATES for Work this Invoice

Principal Surveyor, P.L.S.	26 hours @	\$85.00/hr.	\$ 2,210.00
Computations	62 hours @	\$70.00/hr.	\$ 4,340.00
Technical Draftsperson	3 hours @	\$55.00/hr.	\$ 165.00
2-Man Survey Crew	6.5 days @	\$760.00/day	\$ 4,940.00
SUBTOTAL ENGINEERING BILLING RATES:			\$ 11,655.00

OUT OF POCKET EXPENSES (Back Up Attached)

Mileage (1/2/09 – 1/30/09) \$ 193.50

AMOUNT DUE THIS INVOICE: \$ 11,848.50

approved for
payment 2/15/09
Chris Collins

PLEASE REMIT PAYMENTS TO CATALDO ASSOCIATES INC. UPON RECEIPT.
THANK YOU FOR YOUR BUSINESS!

CATALDO ASSOCIATES INC.

Job Ledger Report

Filter Criteria includes: 1) IDs from 3126-04 to 3126-04. Report order is by ID. Report is printed excluding Balance Forward.
For the Period From Jan 9, 2009 to Jan 30, 2009

Job ID	GL Acct ID	GL Acct Descripti	Phase ID	Cost Code I	Trx Date	Trans Description	Jrnl	Trans	Amount	Totals
3126-04	81000	Travel Expense								
					1/9/09	KEVIN BRYDEN - MILEAGE PWSB	PJ	DUE	21.50	
					1/16/09	KEVIN BRYDEN - MILEAGE PWSB	PJ	DUE	119.50	
					1/16/09	1/12-1/16 PAUL MORETTI - MILEAGE PWSB	PJ	1/22/0	14.00	
					1/23/09	1/15/09 KEVIN BRYDEN - MILEAGE PWSB	PJ	DUE	38.50	
						1/22/09, 1/23/09				
										193.50
										193.50
										193.50
										193.50

3126-04

Report

Total

Total

C CATALDO ASSOCIATES INC

C/ST# 1082085

1-23-09

January 8, 2009

Professional Services for
PWSB Land Control RISPC Ties
Bench Run/Set Bench Marks
Cumberland, RI
CA Project No. 3126-04

PO#
37581
OK REB
JO

INVOICE NO. 7

Billing period November 29, 2008 through January 2, 2009

FEE COMPUTATION

SURVEY BILLING RATES for Work this Invoice

Principal Surveyor, P.L.S.	17 hours @	\$85.00/hr.	\$ 1,445.00
Computations	53 hours @	\$70.00/hr.	\$ 3,710.00
Technical Draftsperson	20 hours @	\$55.00/hr.	\$ 1,100.00
2-Man Survey Crew	10 days @	\$760.00/day	\$ 7,600.00
SUBTOTAL ENGINEERING BILLING RATES:			\$ 13,855.00

OUT OF POCKET EXPENSES (Back Up Attached)

Mileage (11/29/08 - 1/2/09)	\$ 263.50
Col-East (Remaining Contract Amount)	\$ 17,295.00

AMOUNT DUE THIS INVOICE: \$ 31,413.50

approved for
payment 1/14/09
Chris Collins

PLEASE REMIT PAYMENTS TO CATALDO ASSOCIATES INC. UPON RECEIPT.
THANK YOU FOR YOUR BUSINESS!

January 8, 2009

Professional Services for
PWSB Land Control RISPC Ties
Bench Run/Set Bench Marks
Cumberland, RI
CA Project No. 3126-04

INVOICE NO. 7

Billing period November 29, 2008 through January 2, 2009

DESCRIPTION OF PROFESSIONAL SERVICES THIS INVOICE:

SURVEYING

- Field as-built locations and elevations of remaining spillways.
- Field resonance, field traverse and locations of Boundary Line evidence off Fisher Street and south of the Sisters of Mercy.
- Office reductions of field files and notes, calculations to support field work.
- Office study of deeds and plans along with calculations and CADD drafting of Boundary Line determinations and spillway reports.



CATALDO ASSOCIATES INC

CIVIL ENGINEERS

1408 ATWOOD AVENUE
JOHNSTON, RI 02919

(401) 453-3300
FAX (401) 453-4117
ca@cataldoeng.com

January 8, 2009

Mr. Christopher Collins
Source Water Manager
Pawtucket Water Supply Board
85 Branch Street
Pawtucket, RI 02860

Re: **Professional Services for**
PWSB Land Control RISPC Ties
Bench Run/Set Bench Marks
Cumberland, RI
CA Project No. 3126-04
Invoice No. 7

Dear Mr. Collins:

Please find enclosed our Invoice No. 7 for the above-referenced project.

Should you have any questions regarding the enclosed invoice please do not hesitate to contact me.

Very truly yours,

CATALDO ASSOCIATES INC.

George E. Corrente, P.L.S.
Executive Vice President

Enclosure
GEC/as

CK # 1080009
12-12-08
C CATALDO ASSOCIATES INC

December 4, 2008

Professional Services for
PWSB Land Control RISPC Ties
Bench Run/Set Bench Marks
Cumberland, RI
CA Project No. 3126-04 D

P.O. 37581 OK REB JLD
INVOICE NO. 6

Billing period November 1, 2008 through November 28, 2008

FEE COMPUTATION

SURVEY BILLING RATES for Work this Invoice

Principal Surveyor, P.L.S.	13	hours @	\$85.00/hr.	\$	1,105.00
Computations	39	hours @	\$70.00/hr.	\$	2,730.00
Technical Draftsperson	0	hours @	\$55.00/hr.	\$	0.00
2-Man Survey Crew	10.625	days @	\$760.00/day	\$	8,075.00
SUBTOTAL ENGINEERING BILLING RATES:				\$	11,910.00

OUT OF POCKET EXPENSES (Back Up Attached)

Mileage (11/1/08 - 11/28/08) \$ 291.50

AMOUNT DUE THIS INVOICE: \$ 12,201.50

approved for
payment 12/9/08
Chris Collins

PLEASE REMIT PAYMENTS TO CATALDO ASSOCIATES INC. UPON RECEIPT.
THANK YOU FOR YOUR BUSINESS!

C CATALDO ASSOCIATES INC

November 10, 2008

C/C 1079341

12-4-08

Professional Services for
PWSB Land Control RISPC Ties
Bench Run/Set Bench Marks
Cumberland, RI
CA Project No. 3126-04

P.O. 37581
OK FEB
JD

INVOICE NO. 5

Billing period September 27, 2008 through October 31, 2008

FEE COMPUTATION

SURVEY BILLING RATES for Work this Invoice

Principal Surveyor, P.L.S.	16 hours @	\$85.00/hr.	\$ 1,360.00
Computations	98 hours @	\$70.00/hr.	\$ 6,860.00
Technical Draftsperson	0 hours @	\$55.00/hr.	\$ 0.00
2-Man Survey Crew	20 days @	\$760.00/day	\$ 15,200.00
SUBTOTAL ENGINEERING BILLING RATES:			\$ 23,420.00

OUT OF POCKET EXPENSES (Back Up Attached)

Mileage (9/26/08 - 10/31/08)	\$ 566.00
Col-East Contract (Retainer)	\$ 17,295.00
	\$ 17,861.00

AMOUNT DUE THIS INVOICE: \$ 41,281.00

Approved for
payment 11/13/08
Chris Collins

PLEASE REMIT PAYMENTS TO CATALDO ASSOCIATES INC. UPON RECEIPT.
THANK YOU FOR YOUR BUSINESS!



CATALDO ASSOCIATES INC

Ck# 1077025 10/24/08

October 6, 2008

Professional Services for
PWSB Land Control RISPC Ties
Bench Run/Set Bench Marks
Cumberland, RI
CA Project No. 3126-04

INVOICE NO. 4

Billing period August 16, 2008 through September 26, 2008

f.o. 37581
OK FEB

FEE COMPUTATION

SURVEY BILLING RATES for Work this Invoice

Principal Surveyor, P.L.S.	105	hours @	\$85.00/hr.	\$	8,925.00
Computations	8	hours @	\$70.00/hr.	\$	560.00
Technical Draftsperson	7	hours @	\$55.00/hr.	\$	385.00
2-Man Survey Crew	19.50	days @	\$760.00/day	\$	<u>14,820.00</u>
SUBTOTAL ENGINEERING BILLING RATES:				\$	24,690.00

OUT OF POCKET EXPENSES (Back Up Attached)

Mileage (From 8/15/08 - 9/26/08) \$ 647.50

AMOUNT DUE THIS INVOICE: \$ 25,337.50

Approved for
payment 10/10/08
Ch. Wells

PLEASE REMIT PAYMENTS TO CATALDO ASSOCIATES INC. UPON RECEIPT.
THANK YOU FOR YOUR BUSINESS!

Ch# 1076171 10/8/08

C CATALDO ASSOCIATES

August 27, 2008

Professional Services for
PWSB Land Control RISPC Ties
Bench Run/Set Bench Marks
Cumberland, RI
CA Project No. 3126-04

P.O. 37581
OK REB

INVOICE NO. 3

Billing period May 31, 2008 through August 15, 2008

FEE COMPUTATION

SURVEY BILLING RATES for Work this Invoice

Principal Surveyor, P.L.S.	63 hours @	\$85.00/hr.	\$ 5,355.00
Technical Draftsperson	14 hours @	\$55.00/hr.	\$ 770.00
2-Man Survey Crew	15.5 days @	\$760.00/day	\$ 11,780.00
SUBTOTAL ENGINEERING BILLING RATES:			\$ 17,905.00

OUT OF POCKET EXPENSES (Back Up Attached)

Mileage (From 9/5/07 - 8/8/08) \$ 785.90

AMOUNT DUE THIS INVOICE: \$ 18,690.90

Approved for
payment 8/28/08
Chris Collins
308-9510-652-30-50
OK REB

PLEASE REMIT PAYMENTS TO CATALDO ASSOCIATES INC. UPON RECEIPT.
THANK YOU FOR YOUR BUSINESS!

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

DOCKET NO. 4171

Response Of The Pawtucket Water Supply Board

To The Division of Public Utilities And Carriers'

Data Requests

Set 1

Div. 1-8: Please provide the percentage of salary and wage increases granted to employees in each of the past five years. If applicable, please provide this information separately for union and non-union personnel.

RESPONSE: See the attached schedule DIV 1-8.

Prepared by: R. Benson

Pawtucket Water Supply Board
Schedule DIV 1-8
Schedule of Salary and Wage Increases

Last 5 Yrs	Fiscal Year	Collective Bargaining Agreements				Individual Employment Contracts				Classified Non-union (Note 6)	
		AFSCME Local 1012 (see Note 1)		Teamster Local 251 (see Note 1)		Chief Engineer		Assistant Chief Engineer			
		% increase	Effective Date	% increase	Effective Date	% increase	Effective Date	% increase	Effective Date	% increase	Effective Date
1	FY2006	2.000%	7/1/2005	1.000%	7/1/2005	3.000%	6/27/2005	Note 4	3/14/2005	Note 6	1/17/2005
1	FY2006	1.750%	1/1/2006	2.800%	1/1/2006	Note 2	1/20/2006	Note 4	1/30/2006	---	---
2	FY2007	3.250%	7/1/2006	3.000%	7/1/2006	position vacant		0.000%	Note 4	3.010%	7/1/2006
3	FY2008	0.000%	7/1/2007	3.000%	7/1/2007	Note 3	3/11/2008	position vacant		0.000%	7/1/2007
4	FY2009	0.000%	7/1/2008	0.000%	7/1/2008	0.000%	3/11/2009	Note 5	10/31/2008	0.000%	7/1/2008
5	FY2010	0.000%	7/1/2009	0.000%	7/1/2009	0.000%	3/11/2010	0.000%	10/31/2009	0.000%	7/1/2009
	FY2011	0.000%	7/1/2010	0.000%	7/1/2010			0.000%	10/31/2010	0.000%	7/1/2010
	FY2011	3.000%	6/30/2011	3.000%	6/30/2011						6/30/2011
	FY2012	0.000%	7/1/2011	0.000%	7/1/2011						7/1/2011
	FY2012	3.000%	6/30/2012	3.000%	6/30/2012						6/30/2012

Note 1: AFSCME Local 1012 and Teamster Local 251 each have negotiated and signed new collective bargaining agreements with a current three year term of July 1, 2009 through June 30, 2012. The above increases reflect the increases from signed collective bargaining agreements.

Note 2: The previous Chief Engineer had a 4 year employment contract with the PWSB for the term of June 28, 2002 through June 27, 2006. This contract included annual increases of 3%. This Chief Engineer resigned from this position effective January 20, 2006. This position was vacant until March 11, 2008 when the current Chief Engineer was appointed to this position.

Note 3: The current Chief Engineer was appointed to this position effective March 11, 2008 and signed a three year employment contract for the term March 11, 2008 through March 10, 2011. This contract includes annual increases of 3%.

Note 4: The current Chief Engineer was hired to the position of Assistant Chief Engineer effective March 14, 2005 and signed a three year employment contract which included various increases at various dates. As a result of the resignation of the previous Chief Engineer, he was appointed Acting Chief Engineer effective 1/30/2006 and received a revised salary without any increases until his appointment to the position of Chief Engineer (see Note 3 above).

Note 5: The current Assistant Chief Engineer was hired into the position of Assistant Chief Engineer effective October 31, 2008 and signed a three year employment contract for the term of October 31, 2008 through October 30, 2011. This contract includes annual increases of 3%.

Note 6: The Chief Financial Officer (CFO) position was created in FY05 and is a classified non-union position. The CFO was appointed to this new position effective 1/17/2005. The PWSB has only one classified non-union position which is not covered by a collective bargaining agreement or individual employment contract. The annual increase to classified non-union positions is determined annually by the City of Pawtucket.

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

DOCKET NO. 4171

Response Of The Pawtucket Water Supply Board

To The Division of Public Utilities And Carriers'

Data Requests

Set 1

DIV. 1-9. Regarding the positions shown in Schedule RB-02, please identify any positions that are currently vacant.

RESPONSE: The positions listed on Schedule RB-02 currently vacant are: Senior Water Project Engineer, Junior Water Project Engineer and Water Board Engineering Clerk.

Prepared by: R. Benson

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

DOCKET NO. 4171

Response Of The Pawtucket Water Supply Board

To The Division of Public Utilities And Carriers'

Data Requests

Set 1

DIV. 1-10. Please provide the underlying excel spreadsheet, with all formulas intact, for Schedules RB-02 and RB-03.

RESPONSE: See the attached spreadsheets labeled as follows:

- Schedule RB-02 Excel Spreadsheet Salary Plan
- Schedule RB-03 Excel Spreadsheet Medical & Dental Rates

Prepared by: R. Benson

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

DOCKET NO. 4171

Response Of The Pawtucket Water Supply Board

To The Division of Public Utilities And Carriers'

Data Requests

Set 1

DIV. 1-11. 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 DIV 1-11.

Prepared by: R. Benson

Pawtucket Water Supply Board
Schedule DIV 1-11
Schedule of PUC Authorized Positions

		Less: Temporary Vacancies: Retirements, Resignations & Terminations			ADD: Seasonal and Temporary Employees		Actual Headcount
Month		Authorized Headcount					
1	Apr-10	53	3		0		50
2	Mar-10	53	4		0		49
3	Feb-10	53	4		0		49
4	Jan-10	53	4		0		49
5	Dec-09	53	4		0		49
6	Nov-09	53	4		0		49
7	Oct-09	53	4		0		49
8	Sep-09	53	3		0		50
9	Aug-09	53	4		0		49
10	Jul-09	53	2		0		51
11	Jun-09	53	2		0		51
12	May-09	53	2		1		52
13	Apr-09	53	2		1		52
14	Mar-09	53	2		1		52
15	Feb-09	53	2		1		52
16	Jan-09	53	2		1		52
17	Dec-08	53	2		1		52
18	Nov-08	53	4		1		50
19	Oct-08	53	5		1		49
20	Sep-08	53	1		1		53
21	Aug-08	53	1		1		53
22	Jul-08	53	1		1		53
23	Jun-08	53	0		0		53
24	May-08	53	0		0		53
25	Apr-08	53	0		0		53
26	Mar-08	53	0		0		53
27	Feb-08	53	0		0		53
28	Jan-08	53	0		0		53
29	Dec-07	53	0		0		53
30	Nov-07	53	2		0		51
31	Oct-07	53	2		0		51
32	Sep-07	52	2		0		50
33	Aug-07	52	3		1		50
34	Jul-07	52	2		1		51
35	Jun-07	52	2		2		52
36	May-07	52	2		1		51

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

DOCKET NO. 4171

Response Of The Pawtucket Water Supply Board

To The Division of Public Utilities And Carriers'

Data Requests

Set 1

DIV. 1-12. Please provide the PWSB's current medical and dental rates, by type of coverage (family, individual, etc.).

RESPONSE: The current medical and dental rates, by type of coverage are provided on Schedule RB-03 or Schedule RB-03 Excel Spreadsheet Medical & Dental Rates provided in DIV 1-10.

Prepared by: R. Benson

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

DOCKET NO. 4171

Response Of The Pawtucket Water Supply Board

To The Division of Public Utilities And Carriers'

Data Requests

Set 1

DIV. 1-13. Please describe any efforts undertaken by the PWSB over the past three years to investigate alternative medical benefit plans.

RESPONSE: The City Charter states the personnel of the PWSB are employees of the City of Pawtucket. Therefore, the PWSB employees are participants in the City's medical and dental benefit plans. The City is self insured for its medical and dental plans and has third party administrator contracts with Blue Cross Blue Shield of RI and Delta Dental of RI to manage these plans.

Prepared by: R. Benson

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

DOCKET NO. 4171

Response Of The Pawtucket Water Supply Board

To The Division of Public Utilities And Carriers'

Data Requests

Set 1

DIV. 1-14. Please provide supporting documentation for the FY 2011 retirement contribution rate of 9.2%, referenced on page 6, line 6 of Mr. Benson's testimony.

RESPONSE: See Attachment DIV 1-14.

Prepared by: R. Benson

ATTACHMENT
DIV 1-14

Employees' Retirement System of Rhode Island

RECEIVED
MAYOR'S OFFICE

2009 OCT 21 P 3:02

ERSRI Board:

Frank T. Caprio
General Treasurer
Chairman

William B. Finelli
Vice Chairman

Gary R. Alger

Daniel L. Beardsley

Frank R. Benell, Jr.

Rosemary Booth Gallogly

Roger P. Boudreau

Michael R. Boyce

M. Carl Heintzelman

John P. Maguire

John J. Meehan

Louis M. Prata

Linda C. Riendeau

Susan K. Rodriguez

Jean Rondéau

Frank J. Karpinski
Executive Director

Rates Memo

TO: JAMES E DOYLE,
City of Pawtucket
137 Roosevelt Ave.
Pawtucket, RI 02860

FROM: FRANK J KARPINSKI, Executive Director

DATE: October 13, 2009

RE: AGENCY# 1412, City of Pawtucket

The following rates will be effective July 01 2010, for agency# 1412

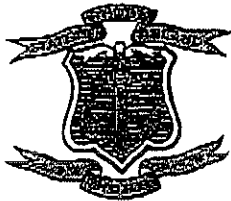
Employee:	7%
Employer:	9.2%
Federally Funded:	0%
Dept of Education:	0%

The following benefits exist for Agency#: 1412

Plan C: COLA Non-Compounded

Please note these rates are based on the assumption that the same retirement benefit package will be offered for the entire period as was in place when the corresponding actuarial valuation was performed. If this will not be the case, these rates should not be used for budgeting purposes and you should contact our office as soon as possible so we can work with you to provide appropriate contribution rates.

Please contact me if you have any questions.



Employees' Retirement System of Rhode Island

SEP 11 2008

ERSRI Board:

Frank T. Caprio
General Treasurer
Chairman

William B. Finelli
Vice Chairman

Gary R. Alger

Daniel L. Beardsley

Frank R. Bencell, Jr.

Rosemary Booth Gallogly

Roger P. Boudreau

Michael R. Boyce

M. Carl Heinzelman

John P. Maguire

John J. Meehan

Louis M. Prata

Linda C. Riendeau

Susan K. Rodriguez

Jean Rondeau

Frank J. Karpinski
Executive Director

Rates Memo

TO: RONALD L. WUNSCHER,
City of Pawtucket
137 Roosevelt Ave.
Pawtucket, RI 02860

FROM: FRANK J. KARPINSKI, Executive Director

DATE: September 04, 2008

RE: AGENCY# 1412, City of Pawtucket

The following rates will be effective July 01 2009, for agency# 1412

Employee	7%
Employer:	10.74%
Federally Funded:	0%
Dept of Education:	0%

The following benefits exist for Agency# 1412

Plan C COLA Non-Compounded

Please note these rates are based on the assumption that the same retirement benefit package will be offered for the entire period as was in place when the corresponding actuarial valuation was performed. If this will not be the case, these rates should not be used for budgeting purposes and you should contact our office as soon as possible so we can work with you to provide appropriate contribution rates.

Please contact me if you have any questions.



Employees' Retirement System of Rhode Island

SEP 28 2007

ERSRI Board

Frank T. Caprio
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William B. Finelli
Vice Chairman

Gary R. Alger

Daniel L. Beardsley

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John P. Maguire

John J. Mechan

Louis M. Prata

Linda C. Ricodan

Susan K. Rodriguez

James P. Yancy

Frank J. Karpinski
Executive Director

Rates Memo

TO: RONALD L WUNSCHER,
City of Pawtucket
137 Roosevelt Ave.
Pawtucket, RI 02860

FROM: FRANK J KARPINSKI, Executive Director

DATE: September 12, 2007

RE: AGENCY# 1412, City of Pawtucket

The following rates will be effective July 01 2008, for agency# 1412

Employee	7%
Employer:	11.87%
Federally Funded:	0%
Dept of Education:	0%

The following benefits exist for Agency# 1412

Plan C COLA Non-Compounded

Please note these rates are based on the assumption that the same retirement benefit package will be offered for the entire period as was in place when the corresponding actuarial valuation was performed. If this will not be the case, these rates should not be used for budgeting purposes and you should contact our office as soon as possible so we can work with you to provide appropriate contribution rates.

Please contact me if you have any questions.

Rates Memo
Rev. 09/12/07

ERSRI

40 Fountain Street Providence, RI 02903-1854 (401) 222-2203 Fax: (401) 222-2430
E-Mail: ersri@ersri.org Web Site: www.ersri.org



Employees' Retirement System of Rhode Island

ERSRI Board

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Frank J. Karpinski
Executive Director

Rates Memo

TO: RONALD L. WUNSCHER,
City of Pawtucket
137 Roosevelt Ave.
Pawtucket, RI 02860

FROM: FRANK J. KARPINSKI, Executive Director

DATE: October 12, 2006

RE: AGENCY# 1412, City of Pawtucket

The following rates will be effective July 01 2007, for agency# 1412

Employee	7%
Employer:	9.61%
Federally Funded:	0%
Dept of Education:	0%

The following benefits exist for Agency# 1412

Plan C COLA Non-Compounded

Please note these rates are based on the assumption that the same retirement benefit package will be offered for the entire period as was in place when the corresponding actuarial valuation was performed. If this will not be the case, these rates should not be used for budgeting purposes and you should contact our office as soon as possible so we can work with you to provide appropriate contribution rates.

Please contact me if you have any questions.

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

DOCKET NO. 4171

Response Of The Pawtucket Water Supply Board

To The Division of Public Utilities And Carriers'

Data Requests

Set 1

DIV. 1-15. Please provide the underlying data supporting the four year average contribution rate of 10.36%, referenced on page 6, line 7 of Mr. Benson's testimony.

RESPONSE: See attached Schedule DIV 1-15.

Prepared by: R. Benson

PWSB
Schedule DIV 1-15
MERS Employer Contribution Rates

The Municipal Employer Retirement System (MERS) employer contribution rates are issued by the Employees Retirement System of Rhode Island (ERSRI) to each participating municipality.

The Employees Retirement System of Rhode Island has an actuary updated the contribution rates annually for each municipality participating in MERS.

	Fiscal Year	Rate	
	FY08	9.61%	attachment DIV 1-14
	FY09	11.87%	attachment DIV 1-14
	FY10	10.74%	attachment DIV 1-14
see attachment DIV 1-14	FY11	9.20%	
	subtotal	41.42%	
ESTIMATE FY12 (4 year average)		10.36%	
	FY11	9.20%	
	FY12	10.36%	
	subtotal	19.56%	
RATE YEAR (2 year average)		9.78%	to Schedule RB-02

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

DOCKET NO. 4171

Response Of The Pawtucket Water Supply Board

To The Division of Public Utilities And Carriers'

Data Requests

Set 1

DIV. 1-16. Please describe the surveys referenced on page 7, line 32 of Mr. Benson's testimony.

RESPONSE: Cataldo Associates was issued a contract to perform the following land surveying services:

- Sumner Brown Administrative Subdivision-Survey 4 parcels and merge these parcels (AP47 Lots 90, 91, 18 & AP48 L19)
- Sumner Brown Administrative Subdivision-Survey 4 parcels and merge these parcels (AP47 Lots 21, 25, 26, 89)
- Sumner Brown Administrative Subdivision-Survey 3 parcels and merge these parcels (AP47 Lots 9, 15, 23)
- Perform survey of AP42 Lot 240 for purchase of Conservation Easement
- Survey of control points for Aerial Mapping and conduct aerial mapping of PWSB watershed
- Survey spillway elevations for watershed SCADA programming
- Survey and prepare plans for Diamond Hill Reservoir AP71 merger(16 lots covering 682 acres)

Prepared by: R. Benson

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

DOCKET NO. 4171

Response Of The Pawtucket Water Supply Board

To The Division of Public Utilities And Carriers'

Data Requests

Set 1

DIV. 1-17. Please provide the portions of the Earth Tech contract that specify how the annual inflation factor is to be calculated.

RESPONSE: The portions of the Earth Tech Contract relating to the service fee adjustment are attached.

Prepared by: James DeCelles

Section 3.11 Fees and Payments.**Section 3.11.1 Reimbursement for Transaction Costs.**

Upon delivery of the invoice described herein by the PWSB, the Company shall pay to the PWSB a one-time payment for the fees and expenses paid or incurred by the PWSB to or for its consultants relative to the planning, preparation and procurement through contract execution with respect to this Agreement in an amount not to exceed Four Hundred Fifty Thousand Dollars (\$450,000). In addition, the Company shall pay the PWSB a one-time payment of up to Three Hundred Seventy-Five Thousand Dollars (\$375,000) to the PWSB for employee transition costs. With respect to these payments, the PWSB shall provide to the Company an invoice for the payment together with reasonable documentation of the costs involved. The invoice for the payments shall not be delivered by the PWSB to the Company prior to the Commencement Date. If the Commencement Date does not occur, the Company shall not be liable for the \$375,000 employee transition payment to the PWSB, but shall be responsible for the \$450,000 transaction cost payment to the PWSB; however, the Company shall not be responsible for the \$450,000 transaction cost payment to the PWSB if the Commencement Date does not occur due to the failure of the PWSB to satisfy its conditions precedent to the Commencement Date as set forth in Section 3.1.2(c).

Section 3.11.2 [RESERVED].**Section 3.11.3 [RESERVED].****Section 3.11.4 Service Fee.**

Commencing with the first Billing Month and for each Billing Month thereafter, the PWSB shall pay to the Company a Service Fee for managing, operating and maintaining the Facility pursuant to the terms and conditions of this Agreement. The Service Fee shall be dependent upon the Proposal in effect. Except as otherwise provided in this Agreement, the Service Fee includes all compensation to the Company for managing, operating and maintaining the Facility. The Service Fee shall be paid in increments of 1/12th each during each month of a Contract Year.

Section 3.11.5 Service Fee Adjustment.

The Service Fee shall be consistent with the private activity limitations described in Section 141 of the Internal Revenue Code and regulations and official interpretations issued thereunder, including, without limitation, Revenue Procedure 97-13. The PWSB shall have the right to equitably adjust the Service Fee payment formula over the course of the Contract Term as follows:

(1) As necessary, to comply with the private activity limitations described in Section 141 of the Internal Revenue Code and regulations and official interpretations issued thereunder, including, without limitation, Revenue Procedure 97-13. Any such adjustments shall be such that the fixed and variable components of the Service Fee are within the specified percentages allowed by the private activity limitations described in Section 141 of the Internal Revenue Code and regulations issued thereunder. Adjustments shall not entitle the Company to

Execution Version

additional compensation. Should such adjustments not be possible so that continued compliance with the private activity limitations described in Section 141 of the Internal Revenue Code and regulations issued thereunder is not possible, the PWSB reserves the right to terminate this Agreement upon thirty (30) days notice to the Company. Any such termination shall be deemed to be a Termination for Convenience pursuant to and governed by Section 8.4.1 hereof;

(2) If the 12-month moving average for finished water quantity falls outside of the established range of "13.3 MGD +/- 10%" for the monthly average of finished water production and/or the 12-month moving averages for raw water quality parameters fall outside of the range of +/- 10% of the values specified in Schedule 2 (tables S2-1 and S2-2), then the Company and the PWSB shall negotiate in good faith to adjust upward or downward the Service Fee in accordance with the adjustment methodology set forth in Schedule 11 incorporated by reference herein and made a part hereof;

(3) The Service Fee payment formula shall be adjusted as provided in Section 4.5.3 hereof;

(4) The Service Fee payment formula shall be adjusted by (i) mutual agreement of the parties as to the amount and/or methodology and (ii) determination by the PWSB that any such adjustment will not contravene the Applicable Law (including, without limitation, any law relating to procurement) or the private activity limitations described in Section 141 of the Internal Revenue Code and regulations and official interpretations issued thereunder, including, without limitation, Revenue Procedure 97-13; and

(5) The Service Fee payment formula shall be adjusted annually on the anniversary date of the Commencement Date, the Service Fee will be adjusted to reflect changes in the CPI as outlined in Schedule 11 hereto, which adjustment shall utilize the percentage change in CPI for the prior 12 month period using all monthly indices published for that 12 month period as outlined in Schedule 17.

(6) On an annual basis, the PWSB shall monitor compliance with the private activity limitations described in Section 141 of the Internal Revenue Code and regulations and official interpretations issued thereunder, including, without limitation, Revenue Procedure 97-13. In the event the PWSB determines that any payment or fee would result in a violation of the private activity limitations, the PWSB shall immediately notify the Company. The PWSB and the Company shall then mutually agree to make any and all adjustments necessary to comply with Applicable Law.

Section 3.11.6 Cost Savings.

The Company shall actively pursue improvements in the effectiveness and efficiency of the operation, maintenance and management of the Facility that may reduce the Service Fee or Pass Through Costs. Any Company proposals for such improvements, including the costs, benefits and anticipated net savings, shall be provided to the PWSB in writing. If the PWSB approves any such proposals, and if implementation of any such proposal results in net savings to the PWSB as determined by the PWSB, the PWSB shall pay the Company an amount equal to

SCHEDULE 11

SERVICE FEE

The Company shall be paid a Proposal A and Proposal B Service Fee as indicated below, pursuant to the terms and provisions of this Agreement, for Facility operations, maintenance, and management. The Company shall be paid such Service Fee effective on the Commencement Date throughout the term of the Agreement.

**TABLE S11-1
SERVICE FEES**

SERVICE FEES	
Service Fee Component	Annual Amount
Proposal A Service Fee	\$991,804
Proposal A Service Fee Escalator (maximum of 100% of CPI)	100%
Proposal B Service Fee (subsequent to PWSB Acceptance of Capital Improvements for new Facilities)	\$1,372,315
Proposal B Service Fee Escalator (maximum of 100% of CPI)	100%
Proposal B Service Fee Escalation Date	As Discussed Below*

***Service Fee adjustments to occur on PWSB FY. Adjustments to be made in advance of FY use CPI analysis available in April of each year.**

Service Fee adjustment methodology for changes in raw quality should the minimum and maximum ranges, as measured on a 12-month moving average basis, fall outside the range specified in Schedule 2.

Proposal A Service Fee reflects adjustments for PWSB work performed included in vendor's proposal (\$60,000) offset by PWSB requested Well Capital Projects (\$60,000).

Service Fee adjustment methodology for changes in finished water quantity requirements should the minimum and maximum quantities, as measured on a 12-month moving average basis, fall outside the 90%-110% range of the then-established finished water quantity. Consistent with Schedule 1, the initial, 12-month average for finished water quantity is established as 13.3 MGD.

Earth Tech has proposed the following adjustment to the Service Fee for every 1 MGD / year increase over the 13.0 MGD quantity of finished water delivered to the PWSB:

Chemicals	\$ 20,329
Power (\$0.1016/kwh)	\$ 58,190
Sludge	\$ 4,530
Total (\$ / year / MGD)	\$ 83,050

The adjustment to the Service Fee for finished water delivery (12-month moving average) exceeding $\pm 10\%$ of the 13.3 MGD 12-month average, shall result in an adjustment to the Service Fee and electric power (kWh) cap as specified below. The costs and power usage presented below are consistent with the Company's proposal and the PWSB review. All dollar costs are in year 2001 dollars and subject to CPI adjustment to the date that the flow-related adjustment occurs.

Service Fee adjustment for every 1 MGD / year adjustment:

Chemicals	\$20,329
Sludge	\$ 4,530
	\$24,859

Electric Power (kWh) Cap Adjustment
1569 kWh / MGD

EXAMPLE ADJUSTMENT METHODOLOGY
FOR FINISHED WATER QUANTITY

1. Adjustment Methodology:

- a) **Service Fee*** = \$ 1,000,000 or \$ 83,333 / month
- b) **Finished Water Quantity Adjustment Factor** = \$ 24,860 / year / MGD
- c) **Initial 12-Month Moving Average** = 13.3 MGD
- d) **Latest 12-Month Moving Average** = 15.2 MGD (Note: 14.28 % increase)

2. Adjustment = (Latest 12-Month Moving Average – Initial 12-Month Moving Average)

x Finished Water Quantity Adjustment Factor

$$= (15.2 - 13.3) \times \$24,860 / \text{year} / \text{MGD}$$

$$= \$47,234 / \text{year}$$

3. New Annual Service Fee = Service Fee + Adjustment

$$= \$1,000,000$$

$$= \$1,047,234 \text{ (Note: 4.72 \% increase)}$$

4. New Monthly Service Fee = $\frac{\text{New Annual Service Fee}}{12}$

$$= \frac{\$1,047,234}{12}$$

$$= \$87,269.5$$

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

DOCKET NO. 4171

Response Of The Pawtucket Water Supply Board

To The Division of Public Utilities And Carriers'

Data Requests

Set 1

DIV. 1-18. For each of the past five years, please provide the number of customers, by customer class.

RESPONSE: See attached Schedule DIV 1-18.

Prepared by: R. Benson

PAWTUCKET WATER SUPPLY BOARD

Schedule DIV 1-18

CUSTOMER COUNT SUMMARY BY CUSTOMER CLASS

	<u>FY09</u>	<u>FY08</u>	<u>FY07</u>	<u>FY06</u>	<u>FY05</u>
<u>Residential Customers</u>					
Cycle 1	4,071	4,043	4,058	4,039	4,040
Cycle 2	4,177	4,166	4,159	4,152	4,148
Cycle 3	4,386	4,378	4,387	4,361	4,341
Cycle 4	4,236	4,225	4,213	4,199	4,177
Cycle 5	2,584	2,569	2,566	2,553	2,540
Cycle 6	2,763	2,759	2,749	2,736	2,721
Cycle 12	63	61			
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Total Residential	22,280	22,201	22,132	22,040	21,967
 <u>Industrial Customers</u>					
Cycle 7	579	585	589	591	597
Cycle 11	<u>80</u>	<u>76</u>	<u>73</u>	<u>71</u>	<u>69</u>
Total Industrial	659	661	662	662	666

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

DOCKET NO. 4171

Response Of The Pawtucket Water Supply Board

To The Division of Public Utilities And Carriers'

Data Requests

Set 1

DIV. 1-19. For each of the past five years, please provide the total water sales, by customer class, as well as sales for resale.

RESPONSE: See attached Schedule DIV 1-19.

Prepared by: R. Benson

PAWTUCKET WATER SUPPLY BOARD

Schedule DIV 1-19

WATER SALES BY CUSTOMER CLASS -PRIOR FIVE YEARS

	<u>FY09</u>	<u>FY08</u>	<u>FY07</u>	<u>FY06</u>	<u>FY05</u>
Total Residential Sales	9,033,372	8,592,415	8,275,100	8,510,765	6,855,146
Total Industrial Sales	2,583,872	2,555,469	2,610,588	2,883,409	2,401,252
Total Sales for Resale	1,415,766	1,814,510	1,616,333	1,280,363	1,268,939

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

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Response Of The Pawtucket Water Supply Board

To The Division of Public Utilities And Carriers'

Data Requests

Set 1

DIV. 1-20. For each of the past five years, please provide the total water pumped by the water department.

RESPONSE: See attached Schedule DIV 1-20.

Prepared by: R. Benson

Total Water Pumped - Last 5 Years
Schedule DIV 1-20

<u>FY</u>	<u>Gallons</u>	<u>HCF</u>
2009	3,536,018,200	4,726,665
2008	3,900,521,714	5,213,904
2007	3,962,147,326	5,296,280
2006	4,156,939,163	5,556,662
2005	4,427,639,860	5,918,513

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

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Response Of The Pawtucket Water Supply Board

To The Division of Public Utilities And Carriers'

Data Requests

Set 1

DIV. 1-21. For each of the past five years, please quantify the volume of any water that was purchased by the PWSB.

RESPONSE: The Pawtucket Water Supply Board is self sufficient for its source water. Therefore, the PWSB has not purchased any water in the past five years.

Prepared by: R. Benson

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

DOCKET NO. 4171

Response Of The Pawtucket Water Supply Board

To The Division of Public Utilities And Carriers'

Data Requests

Set 1

DIV. 1-22. Please provide any cost/benefit analysis undertaken to support the Energy Recovery Project, discussed on page 6, lines 14-20 of Mr. DeCelles' testimony.

RESPONSE: Enclosed please find applicable pages from a report commissioned by the Rhode Island State Energy Office. As the report was labeled as "Sensitive", we have only included information regarding the Pawtucket Water Supply Board.

Prepared by: James DeCelles

Rentricity Renewable Energy Recovery

Rhode Island State Energy Office



January 2005

Prepared by:
Frank Zammataro
Al Spinell
Keith Bossung

Rentricity, Inc.
P.O. Box 1021 Planetarium Station
New York, New York 10024-0547
Telephone: 732-319-4501

SENSITIVE INFORMATION - NOT FOR DISTRIBUTION

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This report was prepared as an account of work sponsored by the Rhode Island State Energy Office. Neither the Rhode Island State Energy Office nor any agency thereof, make any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of the information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the Rhode Island State Energy Office. The views and opinions of authors expressed herein do not necessarily state or reflect those of the Rhode Island State Energy Office or any agency thereof

B. PAWTUCKET WATER SUPPLY BOARD

The Pawtucket Water Supply Board (PaWSB) is a water supplier that serves a population of over 100,000. The retail service area includes the Cities of Pawtucket and Central Falls and the Valley Falls section of the Town of Cumberland. The PaWSB owns and operates the water systems in Pawtucket and Valley Falls, and the City of Central Falls owns and operates the system in Central Falls.

The water resources of the PWSB consist of both surface water and groundwater within the Abbott Run watershed, a tributary of the Blackstone River. The watershed lies within the Town of Cumberland in Rhode Island and the Towns of Wrentham, Plainville and Attleboro in Massachusetts. The PWSB owns about 10% of the Abbott Run watershed.

Water Energy Recovery Survey and Assessment - Meetings with Pamela Marchand, Chief Engineer and Manager and Allen Champaigne, Source Water Management.

Similar to Providence Water, little opportunity exists for energy recovery within Pawtucket

Water's distribution system. However, the PaWSB is building a new water treatment facility. This facility will be treating excess water during portions of the day or evening and delivering the excess to a 5 Million gallon storage tank on the premises. It is anticipated that power can be generated during the period of filling the tank as well as periods when the tank is draining to an adjacent clearwell. Filling and draining operations are expected to occur diurnally. From 25 to 75% of the tank's contents are expected to be turned over daily. Both the filling and draining operations could net a total of 75-150 kW of power.

Table 2
Pawtucket water Supply Board
Water Flow and Pressure Reduction Data

	Location	Flow (MGD)	Pressure Reduction (PSI)	Power Generation Potential (KW)
Treatment Plant Effluent	85 Branch Street New Treatment Plant	Day/Night –2-4MGD (Filling)	~125 lbs	50-150
		Day/Night – 2-4 MGD (Draining)	30 lbs	15-30

- 7 Mechanical and Electrical Interconnection Design Study for Pawtucket
 Potential Output: 150 kilowatts
 Cost \$XX,XXX

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

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Response Of The Pawtucket Water Supply Board

To The Division of Public Utilities And Carriers'

Data Requests

Set 1

DIV. 1-23. Regarding the capital improvement plan included with Mr. DeCelles' testimony, please describe how the Company determines whether to fund a project with long-term debt vs. IFR funds.

RESPONSE: There are several factors that the PWSB considers when deciding if a project will be funded using long term debt or IFR funds. One of the first factors is whether the project is eligible for SRF funding. Projects such as dam rehab or property acquisition are not eligible for SRF funds, which has been the main PWSB long term funding source. The PWSB also has financial models that are run by First Southwest, PWSB financial advisors, that show the impacts of funding projects utilizing both methods. These impacts are then considered by our financial team to determine the best alternative for project funding and what the PWSB rates can fund through IFR vs. long term debt.

Prepared by: James DeCelles

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

DOCKET NO. 4171

Response Of The Pawtucket Water Supply Board

To The Division of Public Utilities And Carriers'

Data Requests

Set 1

DIV. 1-24. Please provide a brief description of each project included in the Capital Improvement Plan.

RESPONSE: The capital improvement projects that will be completed using long term borrowing can be seen on page 6 of the testimony by James DeCelles. The testimony also includes a copy of the 5 year capital improvement plan. The major capital projects that will be completed using IFR funds are described below:

1. Robin Hollow Dam Rehab: The Robin Hollow Dam Rehab will consist of a complete rehab of the Robin Hollow Dam and spillway. The project will upgrade the dam to meet the pending DEM regulations and will involve the installation of a new gate system, spillway, low level outlet, and also an aeration system for the improvement of water quality. We will also be completing some armoring of the earthen embankments in the event that the dam is topped in the future. The necessary repairs were identified in an assessment completed by Pare Engineering.
2. T&D Building: As part of the WTP project, our T&D Dept was relocated to a temporary facility and their existing space was converted to office and laboratory space. The original plan called for T&D to be relocated to the old WTP once it was decommissioned. We had an architectural firm look at the existing building at Mill St. and they have determined that the facility would not be worth rehabilitating since there are some severe limitations in the existing building such as ceiling height that would not allow us to meet the needs of our T&D functions. They believe that it will be more cost effective for the PWSB to purchase an existing building or a vacant piece of land. We have identified several locations and are in the process of evaluating these options which are more cost effective than utilizing the 120 Mill St. location.
3. Decant Line Project: We have received a new RIPDES discharge permit from the RI DEM. In the permit, DEM has changed our existing receiving water from the Blackstone River to the

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

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Response Of The Pawtucket Water Supply Board

To The Division of Public Utilities And Carriers'

Data Requests

Set 1

Abbott Run River, which results in much more stringent discharge limits that we will not be able to meet. As a result, PWSB has retained CDM to investigate options for compliance with the new permit limits. The option we are pursuing calls for the installation of a new discharge pipeline or extension of the existing discharge 400 yds to what DEM now considers the Blackstone River. Due to the difficult nature of the proposed pipeline construction, CDM has given an initial cost estimate of \$2.0 million to complete the project.

Prepared by: James DeCelles

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

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Response Of The Pawtucket Water Supply Board

To The Division of Public Utilities And Carriers'

Data Requests

Set 1

DIV. 1-25. Regarding page 4, lines 20-21, of Mr. Benson's testimony, please provide, a) the total length of mains that still need to be cleaned and lined, b) the amount (in length) to be completed each year through 2014, and c) the estimated cost by year.

RESPONSE: The PWSB is currently completing the last of the cleaning and lining projects. We currently have approximately 45 miles of pipe that need to be replaced. As seen in our CIP plan, PWSB has budgeted \$5.11 million for FY 11, \$4.74 million for FY12, \$2.54 million for FY13, \$5.14 million for FY 14, and \$5.35 million for FY 15. While these projects have not been designed yet, the projects generally range from 25,000 to 35,000 linear feet. The completion of these projects will complete our initial rehab of the entire distribution system and all pipes will be lined. We will then begin to replace our oldest lined pipe in the system or pipe that has a history of breaks.

Prepared by: James DeCelles

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

DOCKET NO. 4171

Response Of The Pawtucket Water Supply Board

To The Division of Public Utilities And Carriers'

Data Requests

Set 1

DIV. 1-26. Has the PWSB identified the need for additional watershed property in any area? If so, please identify the area where additional watershed property is needed and state the reason why additional property is needed.

RESPONSE: The PWSB has identified additional watershed areas that we are interested in purchasing. These areas have been identified as sensitive areas that are key to protecting the water quality in our watershed. By protecting the water quality in the watershed, we are making the water easier to treat and thus more cost effective. We are currently working with several land owners on property acquisition and are always monitoring land availability in the event that a sensitive property becomes available. We have formed partnerships with both the Town of Cumberland and the Cumberland land trust and have been able to combine resources to maximize purchasing capabilities in the watershed. In most cases of joint purchases, PWSB retains the development rights and the first right of refusal in the event that the Town of Cumberland decides to sell the property.

Prepared by: James DeCelles

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

DOCKET NO. 4171

Response Of The Pawtucket Water Supply Board

To The Division of Public Utilities And Carriers'

Data Requests

Set 1

DIV. 1-27. For each debt issuance shown on Schedule RB-01, please provide the current amount outstanding.

RESPONSE: See attached Schedule DIV 1-27.

Prepared by: R. Benson

PAWTUCKET WATER SUPPLY BOARD
LONG TERM DEBT SCHEDULE
SCHEDULE DIV 1-27

DEBT ISSUE	Current Amount Outstanding AS OF 5/15/2010 AND 6/30/2010
<u>PRINCIPAL</u>	
RICWFA Series 2009A - Gross Principal	5,935,000.00
RICWFA Series 2009A, - Debt forgiveness	<u>(1,376,653.41)</u>
RICWFA Series 2009A,	4,558,346.59
RICWFA Series 2003A, 5%	19,340,000.00
RICWFA Series 2003B, 6%	7,655,000.00
RICWFA Series 2004A, various%	36,433,000.00
RICWFA Series 2005A, 3.5%	<u>29,534,000.00</u>
Total Revenue Loans Payable	<u>97,520,346.59</u>
Pawt G.O. Bonds 35,890,000	101,232.00
Pawt G.O. Bonds 12,615,000	314,946.50
Pawt G.O. Bonds 7,560,000	145,145.00
Pawt G.O. Bonds 11,780,000	<u>228,200.00</u>
Total Bonds Payable	<u>789,523.50</u>
Sovereign Bank	<u>144,478.29</u>
Capital Leases Payable	<u>144,478.29</u>
TOTAL DEBT	<u><u>98,454,348.38</u></u>

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

DOCKET NO. 4171

Response Of The Pawtucket Water Supply Board

To The Division of Public Utilities And Carriers'

Data Requests

Set 1

DIV. 1-28. What is the total current debt capacity of the PWSB, i.e, the maximum amount of debt that the PWSB can issue or has been advised that it could sustain?

RESPONSE: Based on input from our financial advisors at First Southwest, the following is my understanding regarding the PWSB's debt capacity:

Debt Capacity is a function of net revenue. The PWSB's Indenture of Trust requires debt service coverage of 125% or 1.25X. Debt service coverage is an indication of the ability to service debt, which is a major consideration for bondholders and investors. Section 205(2) (iv) of the Trust Indenture requires that prior to the issuance of bonds, a certified public accountant or consulting engineer provide a certificate demonstrating debt service coverage for the first three fiscal years following the issuance of the debt. Further, no rate increases can be projected for the first full fiscal year following the issuance for the purposes of this certificate that have not already been adopted by the PWSB and approved by the Commission. The PWSB needs to demonstrate prior to the issuance of any bonds, that it has rates approved by the Rhode Island Public Utilities Commission that are sufficient to pay the annual principal and interest on its existing debt and the proposed bonds at the coverage level required under the Trust Indenture. Therefore, a maximum debt capacity calculation would take existing net revenues into account along with current interest rates to determine the additional debt that could be supported while maintaining required coverage.

Prepared by: Robert Benson, with information supplied by Maureen Gurghigian from First Southwest.

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

DOCKET NO. 4171

Response Of The Pawtucket Water Supply Board

To The Division of Public Utilities And Carriers'

Data Requests

Set 1

DIV. 1-29. Please identify and quantify each component of the miscellaneous revenues of \$277,158 shown in Schedule 10, page 2 of Mr. Woodcock's testimony.

RESPONSE: See attached Schedule DIV 1-29.

Prepared by: R. Benson

PAWTUCKET WATER SUPPLY BOARD

Schedule DIV-29

Miscellaneous Revenue Summary

	Preceding Three Years			Test Year			Rate Year		
	(see Schedule DGB-2 page 1of 4)			(see Schedule DGB-2 page 1of 4 AND Schedule DGB-1 page 1 Of 5)			(CW Schedule 1.0 Pg 4 of 4)		
	Actual FY07	Actual FY08	Actual FY09	Actual FY09	NOTE	Test Year Adjustments	Test Year FY07	NOTE	Rate Year Adjustments Rate Year Misc Revenue
Cumberland Tax Reduction	0	0	200,000	200,000		0	200,000	A	(200,000) 0
Misc Non-operating revenue	67,325	13,487	31,537	31,537			31,537	B	(180) 31,357
Misc Non-operating revenue	67,325	13,487	231,537	231,537		0	231,537		(200,180) 31,357
Service Installation Revenue	209,895	250,850	67,479	67,479			67,479		67,479
Penalties - Delinquent Accts	85,128	92,709	168,522	168,522	C	(64,107)	104,415		104,415
Non-operating Rental	17,530	20,959	22,065	22,065		0	22,065		22,065
Interest Income	10,365	5,954	253	253			253		253
Gain (loss) Sale of Assets	0	0	987	987			987		987
State Surcharge Revenue	54,549	55,387	79,996	79,996	D	(29,394)	50,602		50,602
Total Misc Revenue	444,792	439,346	570,839	570,839		(93,501)	477,338		(200,180) 277,158

Note A -- Cumberland Tax Credit was applied in earlier years - see CW Schedule 1.1 page 2 of 2

Note B -- Transposition error of \$180 - 31,537 per Schedule DGB-2 less 31,357 per CW Schedule 1.0 Pg 4 of 4

Note C -- See adjustment per Schedule DGB-1 and David Bebyn testimony page 2 lines 24 - 28.

Note D -- See adjustment per Schedule DGB-1 and David Bebyn testimony page 3 lines 18 -19.

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

DOCKET NO. 4171

Response Of The Pawtucket Water Supply Board

To The Division of Public Utilities And Carriers'

Data Requests

Set 1

DIV. 1-30. For each source of miscellaneous revenue identified in the previous question, please provide the actual amount of revenue received in each of the three years preceding the test year.

RESPONSE: See attached Schedule DIV 1-29.

Prepared by: R. Benson

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

DOCKET NO. 4171

Response Of The Pawtucket Water Supply Board

To The Division of Public Utilities And Carriers'

Data Requests

Set 1

DIV. 1-31. Please provide the PWSB's monthly accounts receivable balance for each of the past sixty months.

RESPONSE: See attached Schedule DIV 1-31.

Prepared by: R. Benson

Schedule DIV 1-31

PWSB**Accounts Receivable Balance - Last 60 Months**

	<u>Month End</u>	<u>AR Balance</u>
1	4/30/2010	2,927,289.92
2	3/31/2010	3,023,548.16
3	2/28/2010	4,566,411.78
4	1/31/2010	3,902,920.33
5	12/31/2009	3,042,635.65
6	11/30/2009	3,673,703.28
7	10/31/2009	2,944,152.97
8	9/30/2009	2,748,525.69
9	8/31/2009	3,187,756.15
10	7/31/2009	2,593,763.85
11	6/30/2009	2,662,852.57
12	5/31/2009	3,336,135.52
13	4/30/2009	2,882,309.47
14	3/31/2009	3,264,590.23
15	2/28/2009	4,337,750.37
16	1/31/2009	3,470,313.07
17	12/31/2008	2,576,999.52
18	11/30/2008	3,211,104.56
19	10/31/2008	2,697,116.74
20	9/30/2008	2,731,046.60
21	8/31/2008	3,279,355.56
22	7/31/2008	2,746,206.52
23	6/30/2008	2,358,198.41
24	5/31/2008	2,823,251.82
25	4/30/2008	2,361,939.01
26	3/31/2008	2,651,200.20
27	2/29/2008	3,484,279.11
28	1/31/2008	4,542,133.12
29	12/31/2007	2,367,707.76
30	11/30/2007	2,685,480.96
31	10/31/2007	2,221,587.20
32	9/30/2007	2,908,072.19
33	8/31/2007	2,658,492.75
34	7/31/2007	2,080,906.07
35	6/30/2007	2,118,933.61
36	5/31/2007	2,503,673.54
37	4/30/2007	2,238,354.15
38	3/31/2007	2,561,215.91
39	2/28/2007	3,269,419.62
40	1/31/2007	4,044,064.87
41	12/31/2006	2,326,872.21
42	11/30/2006	2,700,765.11
43	10/31/2006	2,277,455.93
44	9/30/2006	2,310,902.08
45	8/31/2006	2,740,941.54
46	7/31/2006	2,075,500.78
47	6/30/2006	1,937,502.42
48	5/31/2006	1,825,599.84
49	4/30/2006	1,748,785.84
50	3/31/2006	2,353,025.96
51	2/28/2006	3,167,492.40
52	1/31/2006	3,995,401.70
53	12/31/2005	2,011,254.08
54	11/30/2005	2,542,891.61
55	10/31/2005	2,237,477.73
56	9/30/2005	2,247,713.81
57	8/31/2005	2,422,848.57
58	7/31/2005	1,849,083.95
59	6/30/2005	1,504,923.81
60	5/31/2005	2,222,982.70

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

DOCKET NO. 4171

Response Of The Pawtucket Water Supply Board

To The Division of Public Utilities And Carriers'

Data Requests

Set 1

DIV. 1-32. 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 attached Schedules DIV 1-32.1 through DIV 1-32.4 and DIV 1-33 for the restricted IFR account.

Prepared by: R. Benson

PAWTUCKET WATER SUPPLY BOARD			Schedule DIV 1-32.1	
RESTRICTED CASH ACCOUNT				
Trust Indenture O&M Reserve Account				
	LAST THREE YEARS			Current Year
	FY07	FY08	FY09	FY10
Bond O&M Reserve	Actual	Actual	Actual	thru 3/31/2010
Beginning Cash Balance - July 1	\$ 2,378,320.41	\$ 2,529,271.68	\$ 2,668,304.15	\$ 2,707,696.79
<u>Additions</u>				
Investment income - actual	\$ 119,471.27	\$ 107,552.46	\$ 36,769.31	\$ 350.94
From Rates - Current year revenue allocation	\$ 31,480.00	\$ 31,480.01	\$ 2,623.33	\$ -
Total Additions	\$ 150,951.27	\$ 139,032.47	\$ 39,392.64	\$ 350.94
<u>Deductions</u>				
none	\$ -	\$ -	\$ -	\$ -
Total Deductions	\$ -	\$ -	\$ -	\$ -
Ending Cash Balance - June 30	\$ 2,529,271.68	\$ 2,668,304.15	\$ 2,707,696.79	\$ 2,708,047.73

PAWTUCKET WATER SUPPLY BOARD							Schedule DIV 1-32.2
RESTRICTED CASH ACCOUNT							
CF Franchise Fee Reserve				LAST THREE YEARS			Current Year
	FY04	FY05	FY06	FY07	FY08	FY09	FY10
	Actual	Actual	Actual	Actual			thru 3/31/2010
Beginning Balance - July 1	\$ 29,561.32	\$ 163,779.31	\$ 389,348.56	\$ 571,406.25	\$ 709,595.18	\$ 35,051.88	\$ 35,534.52
Excess Cash on Deposit	\$ 174,858.18	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Beginning Cash Balance - July 1 (per Bank & GL)	\$ 204,419.50	\$ 163,779.31	\$ 389,348.56	\$ 571,406.25	\$ 709,595.18	\$ 35,051.88	\$ 35,534.52
<u>Additions</u>							
Investment income - actual	\$ 3,641.94	\$ 4,745.94	\$ 15,848.78	\$ 29,760.51	\$ 13,485.12	\$ 482.64	\$ 4.58
EPA Grant - CF Distribution System Purchase	\$ -	\$ -	\$ -	\$ -	\$ 520,400.00	\$ -	\$ -
From Rates	\$ 187,409.03	\$ 220,823.31	\$ 166,208.91	\$ 158,428.42	\$ -	\$ -	\$ -
Total Additions	\$ 191,050.97	\$ 225,569.25	\$ 182,057.69	\$ 188,188.93	\$ 533,885.12	\$ 482.64	\$ 4.58
<u>Deductions</u>							
Transfer excess cash deposit to debt service	\$ 174,858.18	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Final Franchise Fee Payment to CF	\$ 56,832.98	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 35,539.10
Total Deductions	\$ 231,691.16	\$ -	\$ -	\$ 50,000.00	\$ 1,208,428.42	\$ -	\$ 35,539.10
Ending Cash Balance - June 30	\$ 163,779.31	\$ 389,348.56	\$ 571,406.25	\$ 709,595.18	\$ 35,051.88	\$ 35,534.52	\$ 0.00
ACCOUNT CLOSED SEPTEMBER 2009							

PAWTUCKET WATER SUPPLY BOARD			Schedule DIV 1-32.3	
RESTRICTED CASH ACCOUNT				
WTFDECOMMISSIONING RESERVE ACCOUNT	LAST THREE YEARS			Current Year
(was WTP R&M Reserve)	FY07	FY08	FY09	FY10
	Actual			thru 3/31/2010
Beginning Balance - July 1	\$ 822,030.66	\$ 855,616.89	\$ 676,259.59	\$ 679,881.10
Excess Cash Deposit	\$ -	\$ -	\$ -	\$ -
Beginning Cash Balance - July 1 (per Bank & GL)	\$ 822,030.66	\$ 855,616.89	\$ 676,259.59	\$ 679,881.10
<u>Additions</u>				
From Rates - Current year revenue allocation	\$ -	\$ -	\$ -	\$ -
Excess rate revenue allocation	\$ -	\$ -	\$ -	\$ -
Investment income - actual	\$ 33,586.23	\$ 19,788.08	\$ 3,621.51	\$ 1,813.49
Transfer from CF Franchise Fee Reseve account	\$ -	\$ -	\$ -	\$ 35,539.10
Total Additions	\$ 33,586.23	\$ 19,788.08	\$ 3,621.51	\$ 37,352.59
<u>Deductions</u>				
Payments - WTP repairs & maintenance	\$ -	\$ -	\$ -	\$ -
Transfer excess revenue alloc to IFR	\$ -	\$ 199,145.38	\$ -	\$ -
Estimated Decommissioning costs for former WTP	\$ -	\$ -	\$ -	\$ -
blank line	\$ -	\$ -	\$ -	\$ -
Total Deductions	\$ -	\$ 199,145.38	\$ -	\$ -
Ending Cash Balance - June 30	\$ 855,616.89	\$ 676,259.59	\$ 679,881.10	\$ 717,233.69

PAWTUCKET WATER SUPPLY BOARD
RESTRICTED CASH ACCOUNT
 Restricted Debt Service Account Balances

Schedule DIV 1-32.4

	LAST THREE YEARS			Current Year
	FY07 Actual	FY08 Actual	FY09 Actual	FY10 thru 3/31/2010
<u>2003A Debt Service Reserve Account</u>				
Beginning Cash Balance	\$ 1,798,708.23	\$ 1,798,708.23	\$ 1,798,708.23	\$ 1,798,708.23
<u>Additions</u>				
DSR Deposit from Bond Proceeds				
Actual Investment Income	\$ 88,856.19	\$ 88,856.19	\$ 88,856.19	\$ 89,103.01
Total Additions	\$ 88,856.19	\$ 88,856.19	\$ 88,856.19	\$ 89,103.01
<u>Deductions</u>				
Transfer misposted to Debt Service Sinking Fund	\$ 43,934.45	\$ -	\$ -	\$ -
Transfer Income to Debt Service Account	\$ 44,921.74	\$ 88,856.19	\$ 88,856.19	\$ 89,103.01
Total Deductions	\$ 88,856.19	\$ 88,856.19	\$ 88,856.19	\$ 89,103.01
Ending Cash Balance	\$ 1,798,708.23	\$ 1,798,708.23	\$ 1,798,708.23	\$ 1,798,708.23
<u>2003B Debt Service Reserve Account</u>				
Beginning Cash Balance	\$ 774,014.07	\$ 777,940.96	\$ 810,913.74	\$ 810,913.74
<u>Additions</u>				
DSR Deposit from Bond Proceeds				
Actual Investment Income	\$ 37,965.55	\$ 32,972.78	\$ 38,061.61	\$ 38,061.61
Total Additions	\$ 37,965.55	\$ 32,972.78	\$ 38,061.61	\$ 38,061.61
<u>Deductions</u>				
Transfer Income to Debt Service Account	\$ 34,038.66	\$ -	\$ 38,061.61	\$ 38,061.61
Total Deductions	\$ 34,038.66	\$ -	\$ 38,061.61	\$ 38,061.61
Ending Cash Balance	\$ 777,940.96	\$ 810,913.74	\$ 810,913.74	\$ 810,913.74
<u>2004A Debt Service Reserve Account</u>				
Beginning Cash Balance	\$ 3,129,482.42	\$ 3,180,830.34	\$ 3,191,060.60	\$ 3,191,060.60
<u>Additions</u>				
DSR Deposit from Bond Proceeds				
Actual Investment Income	\$ 118,959.56	\$ 144,442.76	\$ 119,927.55	\$ 119,927.55
Total Additions	\$ 118,959.56	\$ 144,442.76	\$ 119,927.55	\$ 119,927.55
<u>Deductions</u>				
Transfer Income to Debt Service Account	\$ 67,611.64	\$ 134,212.50	\$ 119,927.55	\$ 119,927.55
Total Deductions	\$ 67,611.64	\$ 134,212.50	\$ 119,927.55	\$ 119,927.55
Ending Cash Balance	\$ 3,180,830.34	\$ 3,191,060.60	\$ 3,191,060.60	\$ 3,191,060.60
<u>2005A Debt Service Reserve Account</u>				
Beginning Cash Balance	\$ 2,278,527.66	\$ 2,254,290.01	\$ 2,275,368.67	\$ 2,275,368.67
<u>Additions</u>				
DSR Deposit from Bond Proceeds				
Actual Investment Income	\$ 83,244.24	\$ 118,077.41	\$ 82,799.12	\$ 82,799.12
Total Additions	\$ 83,244.24	\$ 118,077.41	\$ 82,799.12	\$ 82,799.12
<u>Deductions</u>				
Transfer Income to Debt Service Account	\$ 107,481.89	\$ 96,998.75	\$ 82,799.12	\$ 82,799.12
Total Deductions	\$ 107,481.89	\$ 96,998.75	\$ 82,799.12	\$ 82,799.12
Ending Cash Balance	\$ 2,254,290.01	\$ 2,275,368.67	\$ 2,275,368.67	\$ 2,275,368.67
<u>2009A Debt Service Reserve Account</u>				
Beginning Cash Balance				\$ -
<u>Additions</u>				
DSR Deposit from Bond Proceeds				\$ 326,045.81
Actual Investment Income				\$ 1.95
Total Additions	\$ -	\$ -	\$ -	\$ 326,047.76
<u>Expenditures (deductions)</u>				
Transfer Income to Debt Service Account	\$ -	\$ -	\$ -	\$ -
Total Deductions	\$ -	\$ -	\$ -	\$ -
Ending Cash Balance	\$ -	\$ -	\$ -	\$ 326,047.76
Total Ending Debt Service Reserve Cash Balance	\$ 8,011,769.54	\$ 8,076,051.24	\$ 8,076,051.24	\$ 8,402,099.00

Note: The above cash balances are restricted by Indenture of Trust for the final principal & interest payment for each RICWFA Bond issue

PAWTUCKET WATER SUPPLY BOARD
RESTRICTED CASH ACCOUNT
 Restricted Debt Service Account Balances

Schedule DIV 1-32.4

	LAST THREE YEARS			Current Year
	FY07 Actual	FY08 Actual	FY09 Actual	FY10 thru 3/31/2010
Debt Service Sinking Fund Account				
Beginning Cash Balance	\$ 5,171.46	\$ 52,926.15	\$ 13,009.93	\$ 12,009.93
<u>Additions</u>				
Transfer from Debt Service - 2003A principal	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00
Transfer from Debt Service - 2003B principal	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00
Transfer from Debt Service - 2005A principal	\$ 1,000.00	\$ 1,000.00	\$ -	\$ -
Transfers from Debt Service Fund	\$ 3,000.00	\$ 3,000.00	\$ 2,000.00	\$ 2,000.00
Misposted transfer from Debt Service Sinking Fund	\$ 43,934.45	\$ -	\$ -	\$ -
Investment Income	\$ 820.24	\$ 1,018.23	\$ 515.90	\$ 469.00
Total Additions	\$ 47,754.69	\$ 4,018.23	\$ 2,515.90	\$ 2,469.00
<u>Deductions</u>				
Transfer to Debt Service - 2005A Principal	\$ -	\$ -	\$ 3,000.00	\$ -
Transfer misposted transfer to Debt Service account	\$ -	\$ 43,934.45	\$ -	\$ -
Transfer Income to Debt Service Account	\$ -	\$ -	\$ 515.90	\$ 469.00
Total Deductions	\$ -	\$ 43,934.45	\$ 3,515.90	\$ 469.00
Ending Cash Balance	\$ 52,926.15	\$ 13,009.93	\$ 12,009.93	\$ 14,009.93

Debt Service Stabilization Account

Beginning Cash Balance	\$ 2,685,740.31	\$ 6,100,675.21	\$ 4,681,330.29	\$ 3,964,373.25
<u>Additions</u>				
From Rates - current revenue collections	\$ 3,860,353.73	\$ 695,814.51	\$ 262,598.24	\$ 249,785.99
Transfer from IFR Account	\$ -	\$ 19,033.93	\$ -	\$ -
Investment Income	\$ 200,946.15	\$ 212,696.52	\$ 56,050.93	\$ 639.42
Total Additions	\$ 4,061,299.88	\$ 927,544.96	\$ 318,649.17	\$ 250,425.41
<u>Deductions</u>				
Transfer to Debt service account	\$ 122,316.62	\$ 1,635,799.95	\$ 300,000.00	
Payments to RICWFA for Bond Service Fees	\$ 146,590.86	\$ 325,539.53	\$ 269,085.29	\$ 350,024.15
Payments to Banks - Trustee & Admin Fees	\$ 10,000.00	\$ 16,850.00	\$ 8,100.00	\$ 19,000.00
Legal Fees - Continuing Disclosure	\$ 1,349.14	\$ 1,500.00	\$ 5,385.46	\$ -
Misposted IFR expenses - reimbursed in 2008	\$ 19,033.93	\$ -	\$ -	\$ -
Transfer excess revenue allocation to IFR				\$ 476,129.50
Capital Lease - purchase deposit	\$ -	\$ 92,068.25	\$ 53,236.75	\$ -
Capital Lease - principal & interest	\$ -	\$ -	\$ 149,780.64	\$ 149,780.64
Reimburse City of Pawt - GO Bonds P&I	\$ 347,074.43	\$ 275,132.15	\$ 250,018.07	\$ 249,785.99
Total Deductions	\$ 646,364.98	\$ 2,346,889.88	\$ 1,035,606.21	\$ 1,244,720.28
Ending Cash Balance	\$ 6,100,675.21	\$ 4,681,330.29	\$ 3,964,373.25	\$ 2,970,078.38

RICWFA Debt Service Account

Beginning Cash Balance, July 1	\$ 2,241,668.27	\$ 816,719.07	\$ 3,973,318.95	\$ 3,917,794.31
<u>Additions</u>				
Transfer income from 2003A DSR	\$ 44,921.74	\$ 89,103.01	\$ 60,126.35	\$ 1,057.40
Transfer income from 2003B DSR	\$ 34,038.66	\$ -	\$ -	\$ 56,687.18
Transfer income from 2004A DSR	\$ 67,611.64	\$ 134,212.50	\$ 202,949.45	\$ 134,216.84
Transfer income from 2005A DSR	\$ 107,481.89	\$ 96,998.75	\$ 130,509.65	\$ 112,441.19
Transfer income from 2009A DSR				\$ -
Transfer income from Debt Service Sinking Fund	\$ -	\$ -		\$ 16.69
Transfer from sinking fund - 2005 principal	\$ -	\$ -		\$ -
Transfer from sinking fund - misposted transfer	\$ -	\$ 43,934.45	\$ -	\$ -
Transfer from Debt Stabilization	\$ 122,316.62	\$ 1,635,799.95	\$ 300,000.00	\$ -
subtotal Transfers	\$ 376,370.55	\$ 2,000,048.66	\$ 693,585.45	\$ 304,419.30
Transfer from Debt Stabilization	\$ -			
From Rates - current revenue collections	\$ 2,187,282.60	\$ 5,190,314.55	\$ 5,752,852.94	\$ 4,231,532.91
Investment Income	\$ 52,062.19	\$ 65,856.64	\$ 33,493.60	\$ 476.20
Total Additions	\$ 2,615,715.34	\$ 7,256,219.85	\$ 6,479,931.99	\$ 4,536,428.41
<u>Deductions</u>				
Excess transfer to IFR Restricted Account				
Due from IFR - payment req included IFR expenses			\$ 109,019.48	
Transfer to Debt Service Sinking Acct	\$ 3,000.00	\$ 3,000.00	\$ 2,000.00	\$ 2,000.00
SRF Loans principal payments due September 1	\$ 800,000.00	\$ 800,000.00	\$ 3,075,000.00	\$ 3,140,000.00
SRF Loan interest payments due September 1	\$ 1,511,718.73	\$ 1,626,287.56	\$ 1,687,021.05	\$ 1,662,416.10
SRF Loan interest payments due March 1	\$ 1,595,193.25	\$ 1,670,332.41	\$ 1,662,416.10	\$ 1,638,143.66
Payments to RICWFA for Bond Service Fees	\$ 130,752.56	\$ -	\$ -	\$ -
Total Deductions	\$ 4,040,664.54	\$ 4,099,619.97	\$ 6,535,456.63	\$ 6,442,559.76
Ending Cash Balance, June 30	\$ 816,719.07	\$ 3,973,318.95	\$ 3,917,794.31	\$ 2,011,662.96

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

DOCKET NO. 4171

Response Of The Pawtucket Water Supply Board

To The Division of Public Utilities And Carriers'

Data Requests

Set 1

DIV. 1-33. Please identify, by year for each of the past five years, the amount spent on the IFR plan and b) the amount funded to this account by the Authority.

RESPONSE: See attached Schedule DIV 1-33.

Prepared by: R. Benson

PAWTUCKET WATER SUPPLY BOARD						
RESTRICTED CASH ACCOUNT						
Infrastructure Replacement Fund (IRF)						
Schedule DIV 1-33	LAST FIVE YEARS					Current Year
	FY05	FY06	FY07	FY08	FY09	FY10
	Actual	Actual	Actual	Actual	Actual	thru 3/31/2010
Beginning Cash Balance - July 1	\$ 2,185,153.63	\$ 4,744,502.08	\$ 5,922,913.14	\$ 5,952,952.65	\$ 4,529,975.58	\$ 365,239.08
Additions						
From Rates - Current year revenue allocation	\$ 2,450,422.39	\$ 2,671,039.00	\$ 2,908,258.43	2,585,682.74	\$ 629,106.15	\$ 1,183,745.10
From Rates - prior yr receipts transferred after y/e	\$ 728,385.76	\$ 53,495.28		254,072.84	\$ 47,816.72	\$ 676,935.39
DBO refund prior yr O&M exp shortfunded IFR						\$ 561,862.93
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 EPA Grant - CF System Repairs						\$ 482,100.00
From EPA Grant - Distribution System Refurbishment						\$ 240,600.00
From RICWFA Series 2003A Project Account				65,372.54		
Due to/from IFR - payment req processing error					\$ 109,019.48	
Investment income - (actual thru 2/29/08)	\$ 57,823.66	\$ 193,068.71	\$ 277,128.67	\$ 193,880.63	\$ 37,264.85	\$ 76.05
Total Additions	\$ 3,281,743.81	\$ 2,962,714.99	\$ 4,507,737.13	\$ 3,144,120.75	\$ 868,319.20	\$ 3,145,319.47
Deductions						
New Utility Management Software (Billing, Work orders)			\$ 161,871.06	35,551.87	\$ 101,535.12	
Computer Equipment Replacement Program					\$ 12,280.93	
Main Office Building Repairs & Improvements				23,650.20	\$ 13,950.00	
Meter Replacement Program			\$ 128,746.14	15,463.87	\$ 86,573.74	\$ 59,155.09
Remote Meter Reading Equipment (MIUs)			\$ 88,030.80	988,429.06	\$ 694,980.00	
Watershed Security Fencing			\$ 24,218.00	1,060.00	\$ 20,926.50	
Security Equipment - Alarms, Cameras, Motion Detect.			\$ 9,636.38			
Well # 2 Rehabilitation - Engineering design			\$ 71,374.66	216,510.02		
Well # 2 Rehabilitation - Construction				10,051.00	\$ 15,800.00	
Arnolds Mill Dam Spillway Improvements					\$ 27,038.49	
Happy Hollow Pond Dam Emergency Improvements				19,160.10		
Robin Hollow Dam Spillway Improvements				27,618.54	\$ 49,545.91	\$ 30,767.43
Water Quality Monitors - Distribution System			\$ 2,343.55			
Install new CF service connections					\$ 44,498.70	
T&D repairs to be refunded from O&M fund					\$ 21,370.14	
Main Replacement - Broad Street Bridge Crossing			\$ 93,642.24			
Main Replacement - Project MR-1						
Main Replacement - Project MR-2			\$ 3,222,812.64	257,912.66		
Main Replacement - Project MR-3			\$ 16,463.25	2,513,372.88	\$ 83,476.98	
Main Replacement - Project MR-4				3,026.65	\$ 3,633,167.20	\$ 129,226.81
Main Replacement - Project MR-5						
Main Replacement - Project MR-6						
Main Replacement - Project MR-7						
IRF Project Manager - salary & benefits			\$ 76,505.81			
Water works materials - Mains, Services & Hydrants			\$ 93,322.11	152,634.95	\$ 91,978.43	\$ 127,243.66
Road Restorations - Mains, Services & Hydrants			\$ 327,845.23	256,116.78	\$ 135,933.56	\$ 187,118.62
Branch Street site restoration - contaminated soil				33,745.72		
Repair Embankment at Branch Street				12,793.52		
RIPDES Permit - WTP Residual Discharge engineering						\$ 54,153.64
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			
Misc system improvements						\$ 5,329.25
PRIOR YR EXPENDITURES	\$ 722,395.36	\$ 1,784,303.93				
Total Deductions	\$ 722,395.36	\$ 1,784,303.93	\$ 4,477,697.62	\$ 4,567,097.82	\$ 5,033,055.70	\$ 592,994.50
Ending Cash Balance - June 30	\$ 4,744,502.08	\$ 5,922,913.14	\$ 5,952,952.65	\$ 4,529,975.58	\$ 365,239.08	\$ 2,917,564.05

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

DOCKET NO. 4171

Response Of The Pawtucket Water Supply Board

To The Division of Public Utilities And Carriers'

Data Requests

Set 1

DIV. 1-34. Please identify the vehicles and/or equipment included in the capital leases shown Item 2.9(g) of the filing requirements.

RESPONSE: See the attached schedule DIV 1-34.

Prepared by: R. Benson

Capital Leases - Schedule of Vehicles & Equipment
Schedule DIV 1-34

					Vehicle Replaced						
Model					Extended	Model				Sale	Disposition of
Year	Make	Model	Quantity	Quote	Price	Year	Make	Model	Disposition	Proceeds	Sale Proceeds
<u>FY08 Lease/Purchase Agreement dated 12/30/2007</u>											
2008	FORD	F150 4X4 Truck w/Crew Cab	1	25,985.00	25,985.00	Meter readers' use of personal vehicle				NONE	NA
2008	FORD	F150 4X4 PickupTruck	1	19,621.00	19,621.00	1991	FORD	Explorer 4x4	to be scrapped	NONE	NA
2008	FORD	F150 4X4 PickupTruck	1	19,621.00	19,621.00	1988	Chevrolet	1500 2WD Pickup Truck	Scrapped	NONE	NA
2008	FORD	F150 4X4 PickupTruck	1	19,621.00	19,621.00	1987	DODGE	D150 Pickup Truck	to be scrapped	NONE	NA
2008	FORD	Escape FWD Hybrid SUV	1	26,675.00	26,675.00	Meter readers' use of personal vehicle				NONE	NA
2008	FORD	Escape FWD Hybrid SUV	1	26,675.00	26,675.00	Meter readers' use of personal vehicle				NONE	NA
2008	FORD	Escape FWD Hybrid SUV	1	26,675.00	26,675.00	2000	FORD	Ford Ranger 4x4 Pickup	to be scrapped	NONE	NA
2008	FORD	E250 Econoline Cargo Van	1	17,036.00	17,036.00	1994	FORD	E250 Econoline Cargo Van	to be sold	NONE	NA
2008	STERLING	L8500 Dump Truck	1	97,687.00	97,687.00	New T&D service crew					
2008	FORD	F550 Crew Truck	1	103,036.00	103,036.00	New T&D service crew					
2008	FORD	F550 Dump Truck	1	46,950.00	46,950.00	1996	GMC	HD3500 Dump Truck	Kept as spare & for winter sanding		
2008	Caterpillar	Model 430E-IT Backhoe/Loader	1	92,423.00	92,423.00	New T&D service crew					
2008	EH Wachs	Valve Maintenance Trailer System including the TM-7 Automated Valve Exerciser	1	46,995.00	<u>46,995.00</u>	New valve maintenance equipment					
Total Equipment Purchase					569,000.00						
Less: Down payment					<u>(150,728.00)</u>						
Total Borrowing from Capital Lease					418,272.00						

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

DOCKET NO. 4171

Response Of The Pawtucket Water Supply Board

To The Division of Public Utilities And Carriers'

Data Requests

Set 1

DIV. 1-35. What is the basis for the 5% annual adjustment for property taxes as referenced on page 11, line 19 of Mr. Woodcock's testimony?

RESPONSE: This is the assumed maximum that a community could increase its property taxes. I understand that for FY 2010 (last half of the test year plus the next six months), the maximum allowed increase (RIGL 44-5-2) is 4.75%; in FY 2011 the maximum allowed increase is 4.5%, and in FY 2012 the maximum allowed increase is 4.25%. The rate year (CY 2011) will include part of FY 2011 and part of FY 2012.

PREPARED BY: C. Woodcock

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

DOCKET NO. 4171

Response Of The Pawtucket Water Supply Board

To The Division of Public Utilities And Carriers'

Data Requests

Set 1

DIV. 1-36. Regarding page 12, lines 18-21 of Mr. Woodcock's testimony, please list all trustee fees paid by the PWSB and explain how the amount of each such fee is determined.

RESPONSE: See the attached schedule DIV 1-36.

Prepared by: R. Benson

PAWTUCKET WATER SUPPLY BOARD
SCHEDULE DIV 1-36
Schedule of Trustee Fees

DEBT ISSUE	Amounts
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RICWFA AGENCY FEES

The agency fees are determined from the individual Bond Issue debt service schedules provided in Item 2.9(f)

RICWFA Series 2003A, 5%	12,087.50
RICWFA Series 2003B, 6%	4,784.38
RICWFA Series 2004A, various%	177,220.00
RICWFA Series 2005A, 3.5%	144,585.00
RICWFA Series 2009A,	10,562.61

Proposed new CWF borrowings

FY2011 to be issued fall of 2010 8,628.47

FY2012 to be issued fall of 2011

TOTAL AGENCY FEES	357,867.96
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TRUSTEE FEES

RICWFA Series 2003A, 5%	2,500.00	annual fee to administer the trust accounts for the Bond issue
RICWFA Series 2003B, 6%	2,500.00	same as 2003A
RICWFA Series 2004A, various%	2,500.00	same as 2003A
RICWFA Series 2005A, 3.5%	2,500.00	same as 2003A
RICWFA Series 2009A,	2,500.00	same as 2003A

Proposed new CWF borrowings

FY2011 to be issued fall of 2010 2,500.00 same as 2003A

FY2012 to be issued fall of 2011 2,500.00 same as 2003A

TOTAL TRUSTEE FEES	17,500.00
---------------------------	------------------

US Bank - bank administration fees	3,250.00	Annual administration fees for the bank accounts used for the receipt of the P&I payments on the RICWFA Bond issues which includes issuig payments to the Bondholders
Partridge Hahn & Snow - legal services	2,000.00	fees for filing the Annual Continuing Disclosure required by the terms of the RICWFA Bond issues
AMTEC Corp - arbitrage consulting services	600.00	annual fee for the Series 2003A Bond Arbitrage Rebate Report

TOTAL TRUSTEE FEES	23,350.00
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TOTAL RICWFA AGENCY FEES	357,868
---------------------------------	---------

TOTAL TRUSTEE FEES	23,350
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381,218

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

DOCKET NO. 4171

Response Of The Pawtucket Water Supply Board

To The Division of Public Utilities And Carriers'

Data Requests

Set 1

DIV. 1-37. Please provide all supporting calculations for the 2.48% average inflation adjustment, referenced on page 13, line 17 of Mr. Woodcock's testimony.

RESPONSE: This is based on the following for the third quarter of the year (last period available when the filing was prepared):

GDP	3rd quarter	
2004	97.15	
2005	100.47	3.42%
2006	103.76	3.28%
2007	106.46	2.60%
2008	109.13	2.51%
2009	109.80	0.61%
average 5 years		2.48%

PREPARED BY: C. Woodcock

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

DOCKET NO. 4171

Response Of The Pawtucket Water Supply Board

To The Division of Public Utilities And Carriers'

Data Requests

Set 1

DIV. 1-38. Please identify all "energy or utility" accounts on CW Schedule 1 and identify the actual inflation rate used to adjust these accounts.

RESPONSE: The power costs are listed in CW Sch. 1.1 page 2. There are four such accounts and they are listed as "Purchased Power" under Administration, Source of Supply, Purification and Transmission & Distribution.

The purchased power costs were split into delivery and supply on CW Sch 1.1 page 2. There is no increase to the rate year (CY 2009) amounts for the supply portion of purchased power costs. The delivery portion was increased by 2.5% per year for two years based on the five year average change to the CPI for Boston as shown below.

Average CPI Increase - 5 yrs		
CPI for Boston	<u>September</u>	
2004	209.8	
2005	220.1	4.91%
2006	224.5	2.00%
2007	227.85	1.49%
2008	238.519	4.68%
2009	236.596	-0.81%
average 5 years		2.46%

Any other "energy or utility" accounts were increased for inflation as discussed in the response to DIV 1-37 for two years.

PREPARED BY: C. Woodcock

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

DOCKET NO. 4171

Response Of The Pawtucket Water Supply Board

To The Division of Public Utilities And Carriers'

Data Requests

Set 1

DIV. 1-39. Please identify and itemize the actual rate case costs incurred to date
for this case.

RESPONSE: See the attached schedule DIV 1-39.

Prepared by: R. Benson

PWSB

DIV 1-39 Current Rate Case Costs Incurred To Date

Date	Description	Docket No.	Beginning Balance	Current Expenditures	Total Expended
<u>Regulatory Expenses</u>					
<u>Docket 4171</u>					
	Keough & Sweeney	4171		11,370.00	11,370.00
	Woodcock & Associates	4171		27,010.00	27,010.00
	B&E Consulting	4171	450.00	17,550.00	18,000.00
	RI Division of Public Utilities	4171			-
	A-1 Court Reporters	4171			-
	Docket 4171		450.00	55,930.00	56,380.00

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

DOCKET NO. 4171

Response Of The Pawtucket Water Supply Board

To The Division of Public Utilities And Carriers'

Data Requests

Set 1

DIV. 1-40. For each rate case filed since 1995, please provide a) the amount of the increase requested, b) the percentage increase requested, c) the amount of the increase granted, d) whether the case was litigated or settled, and e) the total rate case costs incurred.

Response: See attached.

Prepared by: Robert Benson

Pawtucket Water Supply Board
Rate filings with RIPUC
Schedule DIV 1-40

<u>Docket</u>	<u>Filed</u>	<u>Requested</u>	<u>Allowed</u>	<u>% Inc</u>	<u>Litigated or Settled</u>	<u>Rate Case Costs</u>
2674	January 9, 1998	3,634,020	614,430	7.5%		\$ 136,356
3164	June 30, 2000	2,289,601	1,820,799	22.1%		\$ 95,004 (see Note below)
3378	August 20, 2001	3,828,966	2,732,584	29.9%		\$ 166,573
3452						\$ 20,525 Treatment Plant Inquiry
3497	March 1, 2003	3,157,389	2,383,375	21.1%		\$ 150,622
3593	February 23, 2004	3,414,969	3,414,969	25.0%	Settled	\$ 40,252 Abrivated filing (only Debt)
3674	April 11, 2005	3,540,101	1,259,117	7.7%		\$ 225,666
3945	March 28, 2008	3,109,387	1,992,810	11.1%	Settled	\$ 113,814

Note: Docket 3193 was combined with 3164 since these two docket covered the same rate year. Docket 3164 covered the revenue requirement which was expedited due to emergency rate relief and docket 3193 followed shortly there after to cover the cost of service portion of a full filing.

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

DOCKET NO. 4171

Response Of The Pawtucket Water Supply Board

To The Division of Public Utilities And Carriers'

Data Requests

Set 1

Div 1-41: Please provide an electronic version of the model used by Mr. Woodcock to determine his consumption projection, as shown on CW Schedule 2.1 of his testimony.

Response: A copy has been provided.

Prepared By: C. Woodcock

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

DOCKET NO. 4171

Response Of The Pawtucket Water Supply Board

To The Division of Public Utilities And Carriers'

Data Requests

Set 1

DIV. 1-42. Regarding CW Schedule 2.0, please describe how the number of meters used in Mr. Woodcock's revenue claim was determined and provide all supporting documentation and calculations.

Response: These are the same values shown on Mr. Bebyn's Schedule DGB-7. See attached supporting documentation.

Prepared By: C. Woodcock and D. Bebyn

PAWTUCKET WATER SUPPLY BOARD **BILLED CONSUMPTION (HCF)**

	RATE YEAR							3 YR AVE	6 YR AVE
	Docket 3945	FY2009	FY2008	FY2007	FY2006	FY2005	FY2004		
small meters	3,001,584	2,773,813	2,927,770	2,884,356	3,103,794	3,111,954	3,103,649	2,861,980	2,984,223
medium meters	661,262	640,780	672,687	641,275	726,177	739,183	770,645	651,581	698,458
large meters	348,568	265,983	345,755	342,742	415,228	524,493	677,607	318,160	428,635
TOTAL Retail	4,011,414	3,680,576	3,946,212	3,868,373	4,245,199	4,375,630	4,551,901	3,831,720	4,111,315
Wholesale	703,674	578,899	822,591	724,925	590,875	686,462	607,116	708,805	668,478
Total Consumption	4,715,088	4,259,475	4,768,803	4,593,298	4,836,074	5,062,092	5,159,017	4,540,525	4,779,793

	RATE YEAR		ACTUAL		Actual %	
	Docket 3945		FY2010 - 1Q		FY2009	of Rate Yr
small meters	3,001,584		720,330		2,773,813	92.4%
medium meters	661,262		165,174		640,780	96.9%
large meters	348,568		75,813		265,983	76.3%
TOTAL Retail	4,011,414		961,317		3,680,576	91.8%
Wholesale	703,674		186,777		578,899	82.3%
Total Consumption	4,715,088		1,148,094		4,259,475	90.3%

Meters as of: July 24, 2009		Residential Cycles							Industrial Cycles	
Meter Sizes	TOTAL	Cycle 1	Cycle 2	Cycle 3	Cycle 4	Cycle 5	Cycle 6	Cycle 12	Cycle 7	Cycle 11
5/8-inch meter	21,527	3,930	4,044	4,267	3,964	2,468	2,704	53	86	11
3/4-inch meter	259	27	43	23	74	24	20		44	4
one-inch meter	498	54	50	57	121	49	23	2	131	11
5/8-inch INACTIVE meter	-	-	-	-	-	-	-	-	-	-
small meters	22,284	4,011	4,137	4,347	4,159	2,541	2,747	55	261	26
1-1/2-inch meter	227	17	21	20	37	15	7	2	103	5
two-inch meter	399	19	10	16	25	19	6	8	253	43
medium meters	626	36	31	36	62	34	13	10	356	48
three-inch meter	24								12	12
four-inch meter	12				1				5	6
6-inch meter	6	-	-	-	-	-	-	-	1	5
large meters	42	-	-	-	1	-	-	-	18	23
TOTAL	22,952	4,047	4,168	4,383	4,222	2,575	2,760	65	635	97

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

DOCKET NO. 4171

Response Of The Pawtucket Water Supply Board

To The Division of Public Utilities And Carriers'

Data Requests

Set 1

DIV. 1-43. Please provide all supporting documentation and calculations for each of the four components included in the Step Two increase, as shown on CW Schedule 12.0.

RESPONSE: The debt service is the increase from FY 2012 to FY 2013. As discussed on page 12 of my testimony, I have used the debt for the FY as the funds must be derived in the six months prior to the actual payments.

The trustee fees included an amount for the proposed additional bond issue. This is based on the current cost of \$2,500 for each existing bond issue.

The amount for the Rate Stabilization Fund is the same 1.5% requested in the primary case for the rate year. Because the 1.5% is unrestricted, the amount for the next year (second step) would be an additional amount. It is based on 1.5% of the total rate year expenses plus the inflation claim for the second step less miscellaneous revenues shown on CW Sch. 1.0.

The amount for inflation is derived from the total rate year O&M times the GDP inflator (see DIV 1-37). It represents the estimated increases in all O&M expenses for the second step year.

PREPARED BY: C. Woodcock

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

DOCKET NO. 4171

Response Of The Pawtucket Water Supply Board

To The Division of Public Utilities And Carriers'

Data Requests

Set 1

CERTIFICATION

I hereby certify that on May 20, 2010, I sent a copy of the within to all parties set forth on the attached Service List by electronic mail and copies to Luly Massaro, Commission Clerk, by electronic mail and regular mail.

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STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

DOCKET NO. 4171

Response Of The Pawtucket Water Supply Board

To The Division of Public Utilities And Carriers'

Data Requests

Set 1

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/s/ Joseph A. Keough, Jr. _____

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