

**STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS  
PUBLIC UTILITIES COMMISSION**

**IN RE: PAWTUCKET WATER SUPPLY BOARD**

**APPLICATION TO CHANGE RATES**

**APRIL 14, 2010**

**STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS  
PUBLIC UTILITIES COMMISSION**

**IN RE:        PAWTUCKET WATER SUPPLY BOARD**

**DOCKET NO:**

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4. Notice of Proposed General Rate Schedule Changes to Customers (pursuant to State of Rhode Island Public Utilities Commission Rules of Practice and Procedure, Rule 2.4).
5. Notice to City and Town Councils of Cities and Towns Served by Pawtucket Water Supply Board (pursuant to R.I.G.L. § 39-3-12.1).
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  - B. Current Tariffs.

C. Proposed Tariffs.

D. Attachments for compliance with Rule 2.9 of the State of Rhode Island Public Utilities Commission Rules of Practice and Procedure. (Items 2.9(e), 2.9(f), 2.9(g), 2.9(i), 2.9(j), 2.9(k), 2.9(n)(1), and 2.9(n)(3).

E. Documentation Required by R.I.G.L. § 39-3-12.1.

# KEOUGH & SWEENEY, LTD.

ATTORNEYS AND COUNSELORS AT LAW

100 ARMISTICE BOULEVARD

PAWTUCKET, RHODE ISLAND 02860

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

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\*ADMITTED TO PRACTICE IN  
RHODE ISLAND & MASSACHUSETTS

April 14, 2010

The Honorable Elia Germani, Chairman  
Rhode Island Public Utilities Commission  
89 Jefferson Boulevard  
Warwick, RI 02888

RE: Pawtucket Water Supply Board, General Rate Filing, April 2010

Dear Chairman Germani:

On behalf of the Pawtucket Water Supply Board, enclosed you will find revised rate schedules that the Pawtucket Water Supply Board proposes to place in effect in thirty (30) days. The new rates are designed to collect total revenues in a twelve-month period equal to \$19,784,536. The Pawtucket Water Supply Board's filing in support of the revised rates includes pre-filed testimony from four witnesses, as well as supporting Schedules and Exhibits. Additionally, we have included all applicable information required by the Rhode Island Public Utilities Commission's Rules of Practice and Procedure, and statements conforming to the mandates of R.I.G.L. §39-3-12.1. Furthermore, the Pawtucket Water Supply Board, pursuant to R.I.G.L. §39-3-12.1, is providing a copy of all documents to the following communities:

- (1) The City of Central Falls;
- (2) The Town of Cumberland.

We have also included a copy of our proposed notice to be published in the Providence Journal. We would respectfully ask that your staff immediately review the proposed notice so that it might be published as prescribed by law.

The following individuals should receive all correspondence for any additional information to be provided by the Public Utilities Commission: James L. DeCelles, P.E., Chief Engineer, Pawtucket Water Supply Board, 85 Branch Street, Pawtucket, Rhode Island 02860 and Joseph A. Keough, Jr., Esquire, Keough & Sweeney, Ltd., 100 Armistice Boulevard, Pawtucket, Rhode Island 02860.

Honorable Elia Germani, Chairman  
April 14, 2010  
Page Two

Joseph A. Keough, Jr. will act as legal counsel for the Pawtucket Water Supply Board and will represent the Board in all rate filing matters concerning its rate application.

Thank you for your attention to these matters.

Sincerely,

Joseph A. Keough, Jr.  
Legal Counsel  
Pawtucket Water Supply Board

**STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS  
PUBLIC UTILITIES COMMISSION**

**IN RE:        PAWTUCKET WATER SUPPLY BOARD**

**DOCKET NO:**

**NOTICE OF PROPOSED CHANGES IN RATES**

In accordance with Section 2.3A of the Rules of Practice and Procedure for the Public Utilities Commission and R.I.G.L. §39-3-11, the Pawtucket Water Supply Board hereby gives notice of its proposed changes in rates. Said changes are contained in the written testimony and exhibits attached hereto and incorporated herein.

In its filing, the PWSB seeks to implement a multi-year rate plan through a two step increase pursuant to R.I.G.L. § 39-15.1-4. In the first step of the increase, the PWSB's proposed rates are designed to collect additional operating revenue in the amount of \$2,612,298 to support total operating revenue requirements of \$19,784,536. The new rates supporting this increase are proposed to become effective on May 14, 2010.

In the second step of the increase, proposed to take effect on January 1, 2012, the PWSB's proposed rates are designed to collect additional operating revenue in the amount of \$900,053 to support total operating revenue requirements of \$20,684,214. Additionally, the Pawtucket Water Supply Board respectfully represents that:

- (1) The Pawtucket Water Supply Board is a Board authorized by the City Charter of the City of Pawtucket, Rhode Island with its principal place of business at 85 Branch Street, Pawtucket, Rhode Island;
- (2) Correspondence should be addressed to James L. DeCelles, P.E., Chief Engineer, Pawtucket Water Supply Board, 85 Branch Street, Pawtucket, Rhode Island 02860 and to Joseph A. Keough, Jr., 100 Armistice Boulevard, Pawtucket, Rhode Island 02860;

- (3) In accordance with the appropriate Rules and Regulations pursuant to R.I.G.L. §39-3-11, the accompanying documents contain data, information and testimony in support of said request;
- (4) Submitted heretofore are documents and statements in conformance with R.I.G.L. §39-3-12.1;
- (5) Attached hereto is information required by §1.5 and Part II of the Rules of Practice and Procedure for the Rhode Island Public Utilities Commission.

PAWTUCKET WATER SUPPLY BOARD  
By its attorney,

---

Joseph A. Keough, Jr.  
KEOUGH & SWEENEY, LTD  
100 Armistice Boulevard  
Pawtucket, RI 02860  
(401) 724-3600 (phone)  
(401) 724-9909 (fax)  
jkeoughjr@keoughsweeney.com

**CERTIFICATION**

I, the undersigned, hereby certify that a true copy of the within was delivered in hand to the Public Utilities Commission, 89 Jefferson Boulevard, RI 02888 and mailed to the Department of Attorney General, 150 South Main Street, Providence, RI 02903 via first class mail on the 14<sup>th</sup> day of April, 2010.

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**STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS  
PUBLIC UTILITIES COMMISSION**

**IN RE: PAWTUCKET WATER SUPPLY BOARD  
APPLICATION TO CHANGE RATE SCHEDULES**

**DOCKET NO.**

**NOTICE OF FILING AND CHANGE IN RATE SCHEDULES**

On April 14, 2010, pursuant to the Rhode Island General Law § 39-3-11 and Part II of the Rhode Island Public Utilities Commission's ("Commission") Rules of Practice and Procedure, the Pawtucket Water Supply Board ("PWSB") hereby gives notice that it has filed with the Commission an application to increase its rates.

In its filing, the PWSB seeks to implement a multi-year rate plan through a two step increase pursuant to R.I.G.L. § 39-15.1-4. In the first step of the increase, proposed to take effect on May 14, 2010, the PWSB's proposed rates are designed to collect additional operating revenue in the amount of \$2,612,298 to support total operating revenue requirements of \$19,784,536. The impact of this request will result in a 15.2% increase in total revenues. For a typical residential customer who uses 96 HCF of water per year, the impact of this request will result in an increase of \$76.44 per year, or 17.16%. The impact on other retail customers' bills will vary based on classification and consumption level.

In the second step of the increase, proposed to take effect on January 1, 2012, the PWSB's proposed rates are designed to collect additional operating revenue in the amount of \$900,053 to support total operating revenue requirements of \$20,684,214. The impact of this request will result in an additional 4.5% increase in total revenues. For a typical residential customer who uses 96 HCF of water per year, the impact of this request will result in an increase of \$23.52 per year, or 4.5%. The impact on other retail customers' bills will vary based on classification and consumption level.

Please note that while the PWSB is requesting this revenue increase, the Commission, after full investigation and hearings, may order a different revenue requirement and rate.

While the new rates requested under the first step of this increase are proposed to become effective May 14, 2010, the Commission can suspend the rates up to nine months from the proposed effective date. No rate change will take effect until the Commission has conducted a full investigation and hearing on the proposal. The Commission will publish a notice of the hearing dates when they are scheduled. Ratepayers may comment on the proposed rate increases at that time.

A copy of the application is on file for examination at the PWSB's office and at the offices of the Public Utilities Commission, 89 Jefferson Boulevard, Warwick, Rhode Island. A copy of the filing was also provided to the Cities of Pawtucket and Central Falls, Rhode Island and the Town of Cumberland, Rhode Island. A copy was also provided to the Rhode Island Attorney General's Department, Consumer Division. Subscriber billing statements will contain notice of this filing. Some larger subscribers will receive notice in their monthly billing and others in their regular billing.

Pawtucket Water Supply Board  
85 Branch Street, Pawtucket, RI 02860  
<http://www.pwsb.org>



**STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS  
PUBLIC UTILITIES COMMISSION**

**IN RE: PAWTUCKET WATER SUPPLY BOARD  
APPLICATION TO CHANGE RATE SCHEDULES**

**DOCKET NO.**

**NOTICE TO CUSTOMERS OF THE PAWTUCKET WATER SUPPLY BOARD OF FILING  
AND CHANGE IN RATE SCHEDULES**

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Pawtucket Water Supply Board  
85 Branch Street, Pawtucket, RI 02860  
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\*ADMITTED TO PRACTICE IN  
RHODE ISLAND & MASSACHUSETTS

April 14, 2010

**HAND DELIVERED**

The Town of Cumberland  
Town Council  
c/o Town of Cumberland Clerk  
45 Broad Street  
P.O. Box 7  
Cumberland, RI 02864

RE: Proposed Rate Increase/Pawtucket Water Supply Board

Honorable Council Members:

Please be advised that the Pawtucket Water Supply Board will be filing for rate changes with the Rhode Island Public Utilities Commission on April 14, 2010. Enclosed you will find a copy of the documents being filed.

Additionally, in conformance with RIGL §39-3-12.1, enclosed with the filing you will find copies of the Pawtucket Water Supply Board's compliance with the particulars of that provision.

Thank you for your attention to these matters.

Sincerely,

Joseph A. Keough, Jr.  
JAK:jak  
Enclosure

**KEOUGH & SWEENEY, LTD.**

ATTORNEYS AND COUNSELORS AT LAW  
100 ARMISTICE BOULEVARD  
PAWTUCKET, RHODE ISLAND 02860

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\*ADMITTED TO PRACTICE IN  
RHODE ISLAND & MASSACHUSETTS

April 14, 2010

**HAND DELIVERED**

The City Council  
City of Central Falls  
c/o Central Falls City Clerk  
580 Broad Street  
Central Falls, RI 02863

RE: Proposed Rate Increase/Pawtucket Water Supply Board

Honorable Council Members:

Please be advised that the Pawtucket Water Supply Board will be filing for rate changes with the Rhode Island Public Utilities Commission on April 14, 2010. Enclosed you will find a copy of the documents being filed.

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Thank you for your attention to this these matters.

Sincerely,

Joseph A. Keough, Jr.  
JAK:jak  
Enclosure

## **Appendix**

- A. Index (pursuant to State of Rhode Island Public Utilities Commission Rules of Practice and Procedure, Rule 2.10)
- B. Current Tariffs
- C. Proposed Tariffs
- D. Attachments for compliance with Rule 2.9 of the State of Rhode Island Public Utilities Commission Rules of Practice and Procedure. (Items 2.9(e), 2.9(f), 2.9(g), 2.9(i), 2.9(j), 2.9(k), 2.9 (m), 2.9(n)(1), and 2.9(n)(3).
- E. Documentation Required by R.I.G.L. § 39-3-12.1.

**STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS  
PUBLIC UTILITIES COMMISSION**

**IN RE:        PAWTUCKET WATER SUPPLY BOARD**

**DOCKET NO:**

**INDEX AND RESPONSES IN COMPLIANCE WITH THE  
RHODE ISLAND PUBLIC UTILITIES COMMISSION'S RULES OF  
PRACTICE AND PROCEDURE, PART II,  
SECTIONS 2.4 THROUGH 2.10**

**Index and Responses in Compliance with Part II, Section 2.4**

**Item 2.4                      Notice of Filing (to be published in Providence Journal).**

Response:                  Please see Table of Contents, Item 3.

**Notice of Proposed General Rate Schedule to Customers.**

Response:                  Please see Table of Contents, Item 4.

**Index and responses in Compliance with Part II, Section 2.5**

**Item 2.5(a)                  Current and Proposed Tariffs, Rate Schedules, Terms and  
Conditions.**

Response:                  Please see Appendix.

**Item 2.5(b)                  Complete Direct Case.**

Response:                  Please see Table of Contents, Items 1 through 10.

**Item 2.5(c)(1)              Annual Report to the Commission for Last Two Years.**

Response:                  On file with Commission.

**Item 2.5(c)(2)              Federal Energy Regulation Commission or Federal Communication  
Commission Annual Reports.**

Response:                  Not applicable.

**Item 2.5(c)(3)              Federal Energy Regulatory/Communications Commission Audit  
Reports.**

Response:                  Not applicable.

**Item 2.5(c)(4)              Securities and Exchange Commission Report.**

Response:                  Not applicable.

**Item 2.5(c)(5) Prospectuses for Last Two Years.**

Response: Not applicable.

**Item 2.5(c)(6) Annual Reports to Stockholders.**

Response: Not applicable.

**Item 2.5(c)(7) Statements Reconciling Differences in Filing and Above Reports.**

Response: Not applicable.

**Index and responses in Compliance with Part II, Section 2.6**

**Item 2.6(a) Test Year (July 1, 2008 to June 30, 2009).**

Response: Please see testimony of D. Bebyn and supporting schedules.

**Item 2.6(b) Rate Year (January 1, 2011 to December 31, 2011).**

Response: Please see testimony of C. Woodcock, R. Benson and J. DeCelles and supporting schedules.

**Item 2.6(c) Adjustments to the Test Year.**

Response: Please see testimony of C. Woodcock and R. Benson and supporting schedules.

**Index and responses in Compliance with Part II, Section 2.7**

**Item 2.7 Attestation of Financial Data.**

Response: Please see testimony of and supporting schedules of R. Benson.

**Index and responses in Compliance with Part II, Section 2.8**

**Items 2.8 (a) through (w) Supporting Information and Work Papers to be Filed by Investor Owned Utilities.**

Response: Not applicable.

**Index and responses in Compliance with Part II, Section 2.9**

**Item 2.9(a) Cost of Service Schedules.**

Response: Please see testimony of C. Woodcock and supporting schedules.

**Item 2.9(b) Work Papers Supporting Claim for Working Capital.**

Response: Not applicable.

**Item 2.9(c) Work Papers Supporting Allocation of Cost of Service among Associated Entities.**

Response: Not applicable

<b>Item 2.9(d)</b> Response:	<b>Work Papers Detailing Test Year and Rate Year Revenues, etc.</b> Please see testimony of C. Woodcock and D. Bebyn and supporting schedules.
<b>Item 2.9(e)</b> Response:	<b>Effect of Proposed Rate Changes.</b> Please see testimony of C. Woodcock and supporting schedules. See Appendix for sample bill.
<b>Item 2.9(f)</b> Response:	<b>Debt Service Schedules.</b> Please see Appendix.
<b>Item 2.9(g)</b> Response:	<b>Schedule of Lease Payments.</b> Please see Appendix.
<b>Item 2.9(h)</b> Response:	<b>Analysis of Revenues and Associated Expenses for Test Year.</b> Please see testimony of D. Bebyn and C. Woodcock and supporting schedules.
<b>Item 2.9(i)</b> Response:	<b>Rate Year Municipal Tax Expense Calculation.</b> Please see Appendix.
<b>Item 2.9(j)</b> Response:	<b>Employee Information.</b> Please see Appendix. and supporting attachments.
<b>Item 2.9(k)</b> Response:	<b>Summary of Affiliated Entities Transaction.</b> Please see Appendix and supporting schedules.
<b>Item 2.9(l)</b> Response:	<b>Financial Data for Non-Coinciding Test Year.</b> Not applicable.
<b>Item 2.9(m)</b> Response:	<b>Summary of Expenses Incurred and Projected Related to Instant Rate Case.</b> Please see testimony of C. Woodcock and supporting schedules.
<b>Item 2.9(n)(1)</b> Response:	<b>Unaccounted for Water.</b> Please see Appendix.
<b>Item 2.9(n)(2)</b> Response:	<b>Loss on Transmission of Electricity, or Gas.</b> Not applicable.
<b>Item 2.9(n)(3)</b> Response:	<b>Utilities Own Use of Water.</b> Please see Appendix.



**Item 2.9(o)                      Compliance with Prior Commission Order (Docket 3497).**

Response:                      Please see testimony of J. DeCelles and R. Benson.

**Compliance with R.I.G.L § 39-3-12.1**

Response:                      Please see Appendix.

# PAWTUCKET WATER SUPPLY BOARD TARIFF SCHEDULES

Effective: [October 1, 2008](#)

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

# PAWTUCKET WATER SUPPLY BOARD TARIFF SCHEDULES

Replaces Tariff: November 11, 2005  
Effective: October 1, 2008

Public Utilities Docket No. 3945

## **TARIFF SCHEDULES**

### **Schedule**

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

## SCHEDULE A

### PAWTUCKET WATER SUPPLY BOARD

Bulk Sales to Public Suppliers  
for Resale

Rhode Island Public Utilities Commission  
Public Utilities Docket No. 3945

Effective: October 1, 2008

#### Applicability

Applicable throughout the entire territory served by the Pawtucket Water Supply Board for bulk water sales for resale to public water suppliers.

#### Rates

For each Hundred Cubic Foot: \$ 2.590

or such other pricing as the PWSB is either bound to by existing contract or may negotiate with an individual municipal supplier.

#### Terms of Payment

All bills for bulk sales for resale to public water authorities furnished under this schedule are due and payable in full when rendered.

## SCHEDULE B

### PAWTUCKET WATER SUPPLY BOARD Public Fire Protection

Rhode Island Public Utilities Commission  
Public Utilities Docket No. 3945

Effective: October 1, 2008

#### Applicability

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

#### Rates

##### Per Annum

For each Hydrant

**\$337.25**

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

#### Terms of Payment

All bills for public fire protection service furnished under this schedule are rendered annually in advance and are due and payable in full when rendered.

## SCHEDULE C

### PAWTUCKET WATER SUPPLY BOARD

#### Private Fire Protection

Rhode Island Public Utilities Commission

Public Utilities Docket No. 3945

Effective: October 1, 2008

#### Applicability

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

		<u>Per Annum</u>
For each	2 inch connection	\$ 125.42
For each	4 inch connection	\$ 254.33
For each	6 inch connection	\$ 640.81
For each	8 inch connection	\$ 1,131.52
For each	10 inch connection	\$ 1,597.19
For each	12 inch connection	\$ 2,242.58

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

#### Terms of Payment

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

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

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

## SCHEDULE D

### PAWTUCKET WATER SUPPLY BOARD

#### Customer Service Charge

Rhode Island Public Utilities Commission

Public Utilities Docket No. 3945

Effective: October 1, 2008

#### Applicability

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

#### Rates

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

<u>Size of Meter</u>	<u>Quarterly Customer Charge</u>	<u>Monthly Customer Charge</u>
5/8 inch	\$ 18.72	\$ 9.47
3/4 inch	\$ 24.07	\$ 11.26
1 inch	\$ 32.59	\$ 14.10
1 1/2 inch	\$ 61.33	\$ 23.68
2 inch	\$ 78.18	\$ 29.29
3 inch	\$ 88.09	\$ 32.59
4 inch	\$ 199.07	\$ 69.59
6 inch	\$ 296.19	\$ 101.96
8 inch	\$ 421.05	\$ 143.58

#### Terms of Payment

All customer service charges billed under this schedule are rendered on a quarterly basis for residential customers, and on a monthly basis for certain industrial and commercial customers, in advance and are due and payable in full when rendered.

## SCHEDULE E

### PAWTUCKET WATER SUPPLY BOARD Metered Sales

Rhode Island Public Utilities Commission  
Public Utilities Docket No. 3945

Effective: October 1, 2008

#### Applicability

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

#### Rates

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

<u>Class (meter size)</u>		<u>Rate per Hundred Cubic Feet</u>
Small (5/8 - 1")	\$	3.459
Medium (1.5 - 2")	\$	3.251
Large (3" and up)	\$	3.140

#### Terms of Payment

All metered sales bills under this schedule are rendered on a quarterly basis for residential customers, and monthly for industrial and commercial customers, in arrears and are due and payable in full when rendered.



## SCHEDULE F

### PAWTUCKET WATER SUPPLY BOARD Miscellaneous Charge

Rhode Island Public Utilities Commission  
Public Utilities Docket No. 3945

Effective: October 1, 2008

#### **Meter Service Charge**

Not applicable

#### **Meter Test Charge**

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

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

#### **Photocopying**

Distribution sheet	\$3.00 per page
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Letter or legal size document	\$0.15 per page
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#### **Pavement/Sidewalk Restoration**

At actual cost

#### **Police Details**

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

SCHEDULE F (Continued)

PAWTUCKET WATER SUPPLY BOARD

Miscellaneous Charge

Rhode Island Public Utilities Commission  
Public Utilities Docket No. 3945

Effective: October 1, 2008

**Service Termination Charges**

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

Service Shutoff Fee: \$ 64.00

Service Restoration Fee: \$ 43.00

**Application Charge**

Not applicable

**Returned Check Fee:**

Charge: \$ 20.00

**Fire Hydrant Flow Test**

Charge: \$ 150.00

**Temporary Construction Service**

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

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

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

SCHEDULE F (Continued)

PAWTUCKET WATER SUPPLY BOARD

Miscellaneous Charge

Rhode Island Public Utilities Commission  
Public Utilities Docket No. 3945

Effective: October 1, 2008

**Swimming Pools**

Not applicable

**Tank Truck - Bulk Sales**

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

**Main Extensions**

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

The engineering inspection fee is \$250.00 per day.

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

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

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

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

**Service Installation Charges**

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

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

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

# PAWTUCKET WATER SUPPLY BOARD

## Miscellaneous Charge

Rhode Island Public Utilities Commission

Public Utilities Docket No. 3945

Effective: October 1, 2008

### NEW WATER SERVICE INSTALLATION FEES

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

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

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

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

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

SCHEDULE F (Continued)

PAWTUCKET WATER SUPPLY BOARD  
Miscellaneous Charge

Rhode Island Public Utilities Commission  
Public Utilities Docket No. 3945

Effective: October 1, 2008

**this page is not required**

## PAWTUCKET WATER SUPPLY BOARD

### Penalty for Late Payment of Water Bills

Rhode Island Public Utilities Commission  
Public Utilities Docket No. 3945

Effective: October 1, 2008

#### Applicability

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

#### Rates

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

DUE DATE is 30 days after the BILLING DATE and is listed on each billing statement, and the BILLING DATE is the date on which the billing statement was mailed and also is listed on each billing statement.

# PAWTUCKET WATER SUPPLY BOARD TARIFF SCHEDULES

Replaces Tariff: October 1, 2008  
Effective: May 14, 210

Public Utilities Docket No.

## **TARIFF SCHEDULES**

### **Schedule**

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

## PAWTUCKET WATER SUPPLY BOARD

Effective: May 14, 2010

All bills for bulk sales for resale to public water authorities furnished under this schedule are due and payable in full when rendered.



## SCHEDULE B

### PAWTUCKET WATER SUPPLY BOARD Public Fire Protection

Rhode Island Public Utilities Commission  
Public Utilities Docket No.

Effective May 14, 2010

#### Applicability

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

#### Rates

##### Per Annum

For each Hydrant

**\$354.11**

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

#### Terms of Payment

All bills for public fire protection service furnished under this schedule are rendered annually in advance and are due and payable in full when rendered.

## SCHEDULE C

### PAWTUCKET WATER SUPPLY BOARD

#### Private Fire Protection

Rhode Island Public Utilities Commission  
Public Utilities Docket No.

Effective May 14, 2010

#### Applicability

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

		<u>Per Annum</u>	<u>Per Quarter</u>	<u>Per Month</u>
For each	2 inch connection	\$ 157.59	\$ 39.40	\$ 13.13
For each	4 inch connection	\$ 346.90	\$ 86.73	\$ 28.91
For each	6 inch connection	\$ 892.17	\$ 223.04	\$ 74.35
For each	8 inch connection	\$ 1,616.25	\$ 404.06	\$ 134.69
For each	10 inch connection	\$ 2,370.26	\$ 592.57	\$ 197.52
For each	12 inch connection	\$ 3,415.29	\$ 853.82	\$ 284.61

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

#### Terms of Payment

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

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

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

## SCHEDULE D

### PAWTUCKET WATER SUPPLY BOARD

#### Customer Service Charge

Rhode Island Public Utilities Commission

Public Utilities Docket No.

Effective May 14, 2010

#### Applicability

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

#### Rates

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

<u>Size of Meter</u>	<u>Quarterly Customer Charge</u>	<u>Monthly Customer Charge</u>
5/8 inch	\$ 28.53	\$ 9.47
3/4 inch	\$ 38.25	\$ 11.26
1 inch	\$ 53.72	\$ 14.10
1 1/2 inch	\$ 105.89	\$ 23.68
2 inch	\$ 136.48	\$ 29.29
3 inch	\$ 154.47	\$ 32.59
4 inch	\$ 355.97	\$ 69.59
6 inch	\$ 532.29	\$ 101.96
8 inch	\$ 758.98	\$ 143.58

#### Terms of Payment

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

## SCHEDULE E

### PAWTUCKET WATER SUPPLY BOARD Metered Sales

Rhode Island Public Utilities Commission  
Public Utilities Docket No.

Effective May 14, 2010

#### Applicability

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

#### Rates

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

<u>Class (meter size)</u>		<u>Rate per Hundred Cubic Feet</u>
Small (5/8 - 1")	\$	3.972
Medium (1.5 - 2")	\$	3.551
Large (3" and up)	\$	3.315

#### Terms of Payment

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

## SCHEDULE F

### PAWTUCKET WATER SUPPLY BOARD Miscellaneous Charge

Rhode Island Public Utilities Commission  
Public Utilities Docket No.

Effective May 14, 2010

#### **Meter Service Charge**

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

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

#### **Meter Test Charge**

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

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

#### **Photocopying**

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

#### **Pavement/Sidewalk Restoration**

At actual cost

#### **Police Details**

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

SCHEDULE F (Continued)

PAWTUCKET WATER SUPPLY BOARD  
Miscellaneous Charge

Rhode Island Public Utilities Commission  
Public Utilities Docket No.

Effective May 14, 2010

**Service Termination Charges**

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

Service Shutoff Fee: \$ 64.00

Service Restoration Fee: \$ 43.00

**Application Charge**

Not applicable

**Returned Check Fee:**

Charge: \$ 20.00

**Fire Hydrant Flow Test**

Charge: \$ 150.00

**Temporary Construction Service**

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

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

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

SCHEDULE F (Continued)

PAWTUCKET WATER SUPPLY BOARD  
Miscellaneous Charge

Rhode Island Public Utilities Commission  
Public Utilities Docket No.

Effective May 14, 2010

**Swimming Pools**

Not applicable

**Tank Truck - Bulk Sales**

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

**Main Extensions**

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

The engineering inspection fee is \$250.00 per day.

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

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

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

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

**Service Installation Charges**

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

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

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

# PAWTUCKET WATER SUPPLY BOARD

## Miscellaneous Charge

Rhode Island Public Utilities Commission  
Public Utilities Docket No.

Effective May 14, 2010

### NEW WATER SERVICE INSTALLATION FEES

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

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

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

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

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



## PAWTUCKET WATER SUPPLY BOARD

### Penalty for Late Payment of Water Bills

Rhode Island Public Utilities Commission  
#REF!

Effective May 14, 2010

#### Applicability

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

#### Rates

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

DUE DATE is 30 days after the BILLING DATE and is listed on each billing statement, and the BILLING DATE is the date on which the billing statement was mailed and also is listed on each billing statement.

www.pwsb.org  
Billing Inquiries:  
401-729-9050  
M-F: 8AM - 4PM

**Pawtucket Water**  
**PWSB**  
**Supply Board**

Please see reverse side  
for water rates and  
additional information.

Service Address:	Account No:	929-2580
200 PINECREST DR	Customer Type:	RESIDENTIAL-SINGLE FAMILY
From Read Date: 11/10/2009	Bill Date:	2/23/2010
To Read Date: 2/10/2010		

**Messages:**

Credit Card payments: Phone 1-866-547-2312 or visit PWSB.org

**BILLING SUMMARY**

Payments	Outstanding Balance	Adjustments	Current Charges	Total Due
\$ .00	\$84.91	\$ .00	\$21.26	\$106.17

Meter Number	Size	Begin Read	End Read	Multiplier	Consumption
T39068566	5/8	1452	1452	1	

Charge Description	Consumption (HCF)	Charge	Total
CUST SRV CHG 5/8"	.00	\$18.72	
DOMESTIC WATER USE	.00	\$ .00	

Other Charges	Date	
LATE PAYMENT PENALTY	1/08/2010	\$1.27
LATE PAYMENT PENALTY	2/09/2010	\$1.27
Total Current Charges		\$21.26

**KEEP THIS PART**

DETACH AND INCLUDE THIS PART WITH PAYMENT

☐ Check this box if you have made a  
correction on the reverse side

Due Date 3/25/2010

Account Number 929-2580

Total Due \$106.17

Amount Paid \_\_\_\_\_

**PWSB**

85 Branch Street  
Pawtucket, RI 02860-1018

Service Address:  
200 PINECREST DR

WALTER H HEMMINGS  
200 PINECREST DR  
PAWTUCKET RI 02861-1559

|||||

990

|||||  
Pawtucket Water Supply Board  
PO Box 1264  
Providence, RI 02901-1264

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# PAWTUCKET WATER SUPPLY BOARD - IMPORTANT CUSTOMER INFORMATION

## DESCRIPTION OF CHARGE CODES

- WATR - Metered water sales as calculated from meter readings
- SCHG - Customer charge: minimum monthly charge based on meter size
- STAX - Rhode Island sales tax
- SURC - State surcharge: watershed protection charge (rate: \$0.2184 per hundred cu. ft.), owners 65 years or older are exempt from state surcharge
- SPEN - Late payment penalty charge: Current charges must be paid by the DUE DATE shown on this bill. Amounts not paid by the Due Date will accumulate a penalty of 18% per year (1.500% per month) from the due date through the payment date.
- MCHG - Miscellaneous charges
- LIENS - Unpaid water bills are liens on the listed property from the billing date. The current property owner is responsible for payment. When you purchase property, be sure all past water bills are paid for your own protection.

SALE OF PROPERTY - It is your obligation to notify the Water Supply Board Customer Service Office when you sell or transfer ownership of this property.

RECEIPTS - Receipted copy of this bill will not be sent. Your check will serve as receipt of payment.

## DELINQUENT BILLS - RESIDENTIAL CUSTOMERS ONLY

If your account is more than three months past due, service may be discontinued. To avoid a service shut-off, contact our Customer Service Office immediately so that you and one of our representatives can work out a mutually satisfactory settlement. If satisfactory arrangements cannot be made with a Water Supply Board representative, you may submit the matter to the Rhode Island Public Utilities Commission, but the PUC has ruled that you should not submit the matter to the PUC until you have first discussed the case with a representative of the PWSB. The address of the RI PUC is: Review Officer, Division of Public Utilities and Carriers, Consumer Section, 89 Jefferson Boulevard, Warwick, RI 02888, Toll-free in RI 780-9700.

Water service will not be discontinued while proceedings are pending before the PUC. Further, if a seriously ill person lives in the home, disconnection will be postponed upon presentation of a doctor's certification. The doctor's certification may be received at the Water Supply Customer Service Office initially by telephone, but must be followed within seven (7) calendar days by a written certification showing the name and address of the seriously ill person, the nature of the illness and its likely duration.

If service is terminated, the water will be turned on only after the entire past due amount has been paid off in full, including all penalties incurred through the date of payment, plus a reconnection charge. Payments following termination of service may be made by check or money order only to the Pawtucket Water Supply Board at its Customer Service Office.

## RATES: (effective October 1, 2008)

Size of Meter	Quarterly Customer Charge	Class (meter size)	Rate per Hundreds of Cubic Feet
5/8 inch	\$ 18.72	Small (5/8, 3/4, 1")	\$ 3.459
3/4 inch	\$ 24.07	Medium (1.5-2")	\$ 3.251
1 inch	\$ 32.59	Large (3-4")	\$ 3.140
1-1/2 inch	\$ 61.33		
2 inch	\$ 78.18		
3 inch	\$ 88.09		
4 inch	\$ 199.07		
6 inch	\$ 296.19		
8 inch	\$ 421.05		

Multiply 100's of cubic feet by 748.1 to convert to gallons.

## ADDRESS/TELEPHONE CHANGES

To change the address or telephone number, complete this form and return it with your quarterly payment. Be sure to check the address change box on the front of this invoice. (Please print)

Property Owner: \_\_\_\_\_

Owner Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Daytime Tel. #: ( ) \_\_\_\_\_ Evening Tel. #: ( ) \_\_\_\_\_

E-mail address: \_\_\_\_\_

## EXHIBIT D

## 2003 SERIES A

<u>Date</u>	<u>Principal</u>	<u>Rate</u>	<u>Annual Sinking Fund</u>	<u>Net Principal</u>	<u>Interest</u>	<u>Agency Fee</u>	<u>Total</u>
3/1/2004	\$ -	-	\$ -	\$ -	\$ 244,436.11	\$ 3,062.30	\$ 247,498.41
9/1/2004	-	-	1,000.00	1,000.00	483,500.00	6,043.75	490,543.75
3/1/2005	-	-	-	-	483,500.00	6,043.75	489,543.75
9/1/2005	-	-	1,000.00	1,000.00	483,500.00	6,043.75	490,543.75
3/1/2006	-	-	-	-	483,500.00	6,043.75	489,543.75
9/1/2006	-	-	1,000.00	1,000.00	483,500.00	6,043.75	490,543.75
3/1/2007	-	-	-	-	483,500.00	6,043.75	489,543.75
9/1/2007	-	-	1,000.00	1,000.00	483,500.00	6,043.75	490,543.75
3/1/2008	-	-	-	-	483,500.00	6,043.75	489,543.75
9/1/2008	-	-	1,000.00	1,000.00	483,500.00	6,043.75	490,543.75
3/1/2009	-	-	-	-	483,500.00	6,043.75	489,543.75
9/1/2009	-	-	1,000.00	1,000.00	483,500.00	6,043.75	490,543.75
3/1/2010	-	-	-	-	483,500.00	6,043.75	489,543.75
9/1/2010	-	-	1,000.00	1,000.00	483,500.00	6,043.75	490,543.75
3/1/2011	-	-	-	-	483,500.00	6,043.75	489,543.75
9/1/2011	-	-	1,000.00	1,000.00	483,500.00	6,043.75	490,543.75
3/1/2012	-	-	-	-	483,500.00	6,043.75	489,543.75
9/1/2012	-	-	1,000.00	1,000.00	483,500.00	6,043.75	490,543.75
3/1/2013	-	-	-	-	483,500.00	6,043.75	489,543.75
9/1/2013	-	-	1,000.00	1,000.00	483,500.00	6,043.75	490,543.75
3/1/2014	-	-	-	-	483,500.00	6,043.75	489,543.75
9/1/2014	-	-	1,000.00	1,000.00	483,500.00	6,043.75	490,543.75
3/1/2015	-	-	-	-	483,500.00	6,043.75	489,543.75
9/1/2015	-	-	1,000.00	1,000.00	483,500.00	6,043.75	490,543.75
3/1/2016	-	-	-	-	483,500.00	6,043.75	489,543.75
9/1/2016	-	-	1,000.00	1,000.00	483,500.00	6,043.75	490,543.75
3/1/2017	-	-	-	-	483,500.00	6,043.75	489,543.75
9/1/2017	-	-	1,000.00	1,000.00	483,500.00	6,043.75	490,543.75
3/1/2018	-	-	-	-	483,500.00	6,043.75	489,543.75
9/1/2018	-	-	1,000.00	1,000.00	483,500.00	6,043.75	490,543.75
3/1/2019	-	-	-	-	483,500.00	6,043.75	489,543.75
9/1/2019	-	-	1,000.00	1,000.00	483,500.00	6,043.75	490,543.75
3/1/2020	-	-	-	-	483,500.00	6,043.75	489,543.75
9/1/2020	-	-	1,000.00	1,000.00	483,500.00	6,043.75	490,543.75
3/1/2021	-	-	-	-	483,500.00	6,043.75	489,543.75
9/1/2021	-	-	1,000.00	1,000.00	483,500.00	6,043.75	490,543.75
3/1/2022	-	-	-	-	483,500.00	6,043.75	489,543.75
9/1/2022	-	-	1,000.00	1,000.00	483,500.00	6,043.75	490,543.75
3/1/2023	-	-	-	-	483,500.00	6,043.75	489,543.75
9/1/2023	-	-	1,000.00	1,000.00	483,500.00	6,043.75	490,543.75
3/1/2024	-	-	-	-	483,500.00	6,043.75	489,543.75
9/1/2024	-	-	1,000.00	1,000.00	483,500.00	6,043.75	490,543.75
3/1/2025	-	-	-	-	483,500.00	6,043.75	489,543.75
9/1/2025	1,355,000.00	5.00%	-	1,334,000.00	483,500.00	6,043.75	1,823,543.75
3/1/2026	-	-	-	-	449,625.00	5,620.32	455,245.32
9/1/2026	1,420,000.00	5.00%	-	1,420,000.00	449,625.00	5,620.32	1,875,245.32
3/1/2027	-	-	-	-	414,125.00	5,176.57	419,301.57
9/1/2027	1,495,000.00	5.00%	-	1,495,000.00	414,125.00	5,176.57	1,914,301.57
3/1/2028	-	-	-	-	376,750.00	4,709.38	381,459.38
9/1/2028	1,570,000.00	5.00%	-	1,570,000.00	376,750.00	4,709.38	1,951,459.38
3/1/2029	-	-	-	-	337,500.00	4,218.75	341,718.75
9/1/2029	1,650,000.00	5.00%	-	1,650,000.00	337,500.00	4,218.75	1,991,718.75
3/1/2030	-	-	-	-	296,250.00	3,703.13	299,953.13
9/1/2030	1,735,000.00	5.00%	-	1,735,000.00	296,250.00	3,703.13	2,034,953.13
3/1/2031	-	-	-	-	252,875.00	3,160.94	256,035.94
9/1/2031	1,825,000.00	5.00%	-	1,825,000.00	252,875.00	3,160.94	2,081,035.94
3/1/2032	-	-	-	-	207,250.00	2,590.63	209,840.63
9/1/2032	1,920,000.00	5.00%	-	1,920,000.00	207,250.00	2,590.63	2,129,840.63
3/1/2033	-	-	-	-	159,250.00	1,990.63	161,240.63
9/1/2033	2,020,000.00	5.00%	-	2,020,000.00	159,250.00	1,990.63	2,181,240.63
3/1/2034	-	-	-	-	108,750.00	1,359.38	110,109.38
9/1/2034	2,120,000.00	5.00%	-	2,120,000.00	108,750.00	1,359.38	2,230,109.38
3/1/2035	-	-	-	-	55,750.00	696.88	56,446.88
9/1/2035	2,230,000.00	5.00%	-	2,230,000.00	55,750.00	696.88	2,286,446.88
<b>Total</b>	<b>\$ 19,340,000.00</b>			<b>\$ 19,340,000.00</b>	<b>\$ 26,351,186.11</b>	<b>\$ 329,396.77</b>	<b>\$ 46,020,582.88</b>

## 2003 SERIES B

<u>Date</u>	<u>Principal</u>	<u>Rate</u>	<u>Annual Sinking Fund</u>	<u>Net Principal</u>	<u>Interest</u>	<u>Agency Fee</u>	<u>Total</u>
3/1/2004	\$ -	-	\$ -	\$ -	\$ 116,100.83	\$ 1,212.10	\$ 117,312.93
9/1/2004	-	-	1,000.00	1,000.00	229,650.00	2,392.19	233,042.19
3/1/2005	-	-	-	-	229,650.00	2,392.19	232,042.19
9/1/2005	-	-	1,000.00	1,000.00	229,650.00	2,392.19	233,042.19
3/1/2006	-	-	-	-	229,650.00	2,392.19	232,042.19
9/1/2006	-	-	1,000.00	1,000.00	229,650.00	2,392.19	233,042.19
3/1/2007	-	-	-	-	229,650.00	2,392.19	232,042.19
9/1/2007	-	-	1,000.00	1,000.00	229,650.00	2,392.19	233,042.19
3/1/2008	-	-	-	-	229,650.00	2,392.19	232,042.19
9/1/2008	-	-	1,000.00	1,000.00	229,650.00	2,392.19	233,042.19
3/1/2009	-	-	-	-	229,650.00	2,392.19	232,042.19
9/1/2009	-	-	1,000.00	1,000.00	229,650.00	2,392.19	233,042.19
3/1/2010	-	-	-	-	229,650.00	2,392.19	232,042.19
9/1/2010	-	-	1,000.00	1,000.00	229,650.00	2,392.19	233,042.19
3/1/2011	-	-	-	-	229,650.00	2,392.19	232,042.19
9/1/2011	-	-	1,000.00	1,000.00	229,650.00	2,392.19	233,042.19
3/1/2012	-	-	-	-	229,650.00	2,392.19	232,042.19
9/1/2012	-	-	1,000.00	1,000.00	229,650.00	2,392.19	233,042.19
3/1/2013	-	-	-	-	229,650.00	2,392.19	232,042.19
9/1/2013	-	-	1,000.00	1,000.00	229,650.00	2,392.19	233,042.19
3/1/2014	-	-	-	-	229,650.00	2,392.19	232,042.19
9/1/2014	-	-	1,000.00	1,000.00	229,650.00	2,392.19	233,042.19
3/1/2015	-	-	-	-	229,650.00	2,392.19	232,042.19
9/1/2015	-	-	1,000.00	1,000.00	229,650.00	2,392.19	233,042.19
3/1/2016	-	-	-	-	229,650.00	2,392.19	232,042.19
9/1/2016	-	-	1,000.00	1,000.00	229,650.00	2,392.19	233,042.19
3/1/2017	-	-	-	-	229,650.00	2,392.19	232,042.19
9/1/2017	-	-	1,000.00	1,000.00	229,650.00	2,392.19	233,042.19
3/1/2018	-	-	-	-	229,650.00	2,392.19	232,042.19
9/1/2018	-	-	1,000.00	1,000.00	229,650.00	2,392.19	233,042.19
3/1/2019	-	-	-	-	229,650.00	2,392.19	232,042.19
9/1/2019	-	-	1,000.00	1,000.00	229,650.00	2,392.19	233,042.19
3/1/2020	-	-	-	-	229,650.00	2,392.19	232,042.19
9/1/2020	-	-	1,000.00	1,000.00	229,650.00	2,392.19	233,042.19
3/1/2021	-	-	-	-	229,650.00	2,392.19	232,042.19
9/1/2021	-	-	1,000.00	1,000.00	229,650.00	2,392.19	233,042.19
3/1/2022	-	-	-	-	229,650.00	2,392.19	232,042.19
9/1/2022	-	-	1,000.00	1,000.00	229,650.00	2,392.19	233,042.19
3/1/2023	-	-	-	-	229,650.00	2,392.19	232,042.19
9/1/2023	-	-	1,000.00	1,000.00	229,650.00	2,392.19	233,042.19
3/1/2024	-	-	-	-	229,650.00	2,392.19	232,042.19
9/1/2024	-	-	1,000.00	1,000.00	229,650.00	2,392.19	233,042.19
3/1/2025	-	-	-	-	229,650.00	2,392.19	232,042.19
9/1/2025	505,000.00	6.00%	-	484,000.00	229,650.00	2,392.19	716,042.19
3/1/2026	-	-	-	-	214,500.00	2,234.38	216,734.38
9/1/2026	535,000.00	6.00%	-	535,000.00	214,500.00	2,234.38	751,734.38
3/1/2027	-	-	-	-	198,450.00	2,067.19	200,517.19
9/1/2027	570,000.00	6.00%	-	570,000.00	198,450.00	2,067.19	770,517.19
3/1/2028	-	-	-	-	181,350.00	1,889.07	183,239.07
9/1/2028	605,000.00	6.00%	-	605,000.00	181,350.00	1,889.07	788,239.07
3/1/2029	-	-	-	-	163,200.00	1,700.00	164,900.00
9/1/2029	645,000.00	6.00%	-	645,000.00	163,200.00	1,700.00	809,900.00
3/1/2030	-	-	-	-	143,850.00	1,498.44	145,348.44
9/1/2030	685,000.00	6.00%	-	685,000.00	143,850.00	1,498.44	830,348.44
3/1/2031	-	-	-	-	123,300.00	1,284.38	124,584.38
9/1/2031	725,000.00	6.00%	-	725,000.00	123,300.00	1,284.38	849,584.38
3/1/2032	-	-	-	-	101,550.00	1,057.82	102,607.82
9/1/2032	770,000.00	6.00%	-	770,000.00	101,550.00	1,057.82	872,607.82
3/1/2033	-	-	-	-	78,450.00	817.19	79,267.19
9/1/2033	820,000.00	6.00%	-	820,000.00	78,450.00	817.19	899,267.19
3/1/2034	-	-	-	-	53,850.00	560.94	54,410.94
9/1/2034	870,000.00	6.00%	-	870,000.00	53,850.00	560.94	924,410.94
3/1/2035	-	-	-	-	27,750.00	289.07	28,039.07
9/1/2035	925,000.00	6.00%	-	925,000.00	27,750.00	289.07	953,039.07
<b>Total</b>	<b>\$ 7,655,000.00</b>			<b>\$ 7,655,000.00</b>	<b>\$ 12,563,550.83</b>	<b>\$ 130,873.23</b>	<b>\$ 20,349,424.06</b>

Rhode Island Clean Water Finance Agency  
Drinking Water Revolving Fund Revenue Bonds, Series 2004A

Loan Debt Service  
Pawtucket - \$41,875,000 Agency Loan

Date	Principal	Loan Rate	(1) Interest	Fees @ 0.500%	Total Fees & Interest	Capitalized Interest	Net Fees & Interest	Total Debt Service	Annual Debt Service
03/31/04									
9/1/2004	1,000.00	0.720%	62,951.14	12,659.69	75,610.83	(62,951.14)	12,659.69	13,659.69	13,659.69
3/1/2005			181,992.27	36,599.26	218,591.53	(181,992.27)	36,599.26	36,599.26	
9/1/2005	1,000.00	0.720%	375,267.54	75,467.58	450,735.12	(375,267.54)	75,467.58	76,467.58	113,066.84
3/1/2006			520,558.35	104,682.50	625,240.85	-	625,240.85	625,240.85	
9/1/2006	800,000.00	0.890%	520,558.35	104,682.50	625,240.85	-	625,240.85	1,425,240.85	2,050,481.70
3/1/2007			516,998.35	102,682.50	619,680.85	-	619,680.85	619,680.85	
9/1/2007	800,000.00	1.090%	516,998.35	102,682.50	619,680.85	-	619,680.85	1,419,680.85	2,039,361.70
3/1/2008			512,638.35	100,682.50	613,320.85	-	613,320.85	613,320.85	
9/1/2008	1,902,000.00	1.360%	512,638.35	100,682.50	613,320.85	-	613,320.85	2,515,320.85	3,128,641.70
3/1/2009			499,704.75	95,927.50	595,632.25	-	595,632.25	595,632.25	
9/1/2009	1,938,000.00	1.570%	499,704.75	95,927.50	595,632.25	-	595,632.25	2,533,632.25	3,129,264.50
3/1/2010			484,491.45	91,082.50	575,573.95	-	575,573.95	575,573.95	
9/1/2010	1,978,000.00	1.750%	484,491.45	91,082.50	575,573.95	-	575,573.95	2,553,573.95	3,129,147.90
3/1/2011			467,183.95	86,137.50	553,321.45	-	553,321.45	553,321.45	
9/1/2011	2,022,000.00	1.930%	467,183.95	86,137.50	553,321.45	-	553,321.45	2,575,321.45	3,128,642.90
3/1/2012			447,671.65	81,082.50	528,754.15	-	528,754.15	528,754.15	
9/1/2012	2,072,000.00	2.130%	447,671.65	81,082.50	528,754.15	-	528,754.15	2,600,754.15	3,129,508.30
3/1/2013			425,604.85	75,902.50	501,507.35	-	501,507.35	501,507.35	
9/1/2013	2,126,000.00	2.270%	425,604.85	75,902.50	501,507.35	-	501,507.35	2,627,507.35	3,129,014.70
3/1/2014			401,474.75	70,587.50	472,062.25	-	472,062.25	472,062.25	
9/1/2014	2,185,000.00	2.390%	401,474.75	70,587.50	472,062.25	-	472,062.25	2,657,062.25	3,129,124.50
3/1/2015			375,364.00	65,125.00	440,489.00	-	440,489.00	440,489.00	
9/1/2015	2,248,000.00	2.510%	375,364.00	65,125.00	440,489.00	-	440,489.00	2,688,489.00	3,128,978.00
3/1/2016			347,151.60	59,505.00	406,656.60	-	406,656.60	406,656.60	
9/1/2016	2,316,000.00	2.600%	347,151.60	59,505.00	406,656.60	-	406,656.60	2,722,656.60	3,129,313.20
3/1/2017			317,043.60	53,715.00	370,758.60	-	370,758.60	370,758.60	
9/1/2017	2,388,000.00	2.680%	317,043.60	53,715.00	370,758.60	-	370,758.60	2,758,758.60	3,129,517.20
3/1/2018			285,044.40	47,745.00	332,789.40	-	332,789.40	332,789.40	
9/1/2018	2,463,000.00	2.760%	285,044.40	47,745.00	332,789.40	-	332,789.40	2,795,789.40	3,128,578.80
3/1/2019			251,055.00	41,587.50	292,642.50	-	292,642.50	292,642.50	
9/1/2019	2,544,000.00	2.830%	251,055.00	41,587.50	292,642.50	-	292,642.50	2,836,642.50	3,129,285.00
3/1/2020			215,057.40	35,227.50	250,284.90	-	250,284.90	250,284.90	
9/1/2020	2,629,000.00	2.910%	215,057.40	35,227.50	250,284.90	-	250,284.90	2,879,284.90	3,129,569.80
3/1/2021			176,805.45	28,655.00	205,460.45	-	205,460.45	205,460.45	
9/1/2021	2,718,000.00	2.990%	176,805.45	28,655.00	205,460.45	-	205,460.45	2,923,460.45	3,128,920.90
3/1/2022			136,171.35	21,860.00	158,031.35	-	158,031.35	158,031.35	
9/1/2022	2,813,000.00	3.060%	136,171.35	21,860.00	158,031.35	-	158,031.35	2,971,031.35	3,129,062.70
3/1/2023			93,132.45	14,827.50	107,959.95	-	107,959.95	107,959.95	
9/1/2023	2,913,000.00	3.110%	93,132.45	14,827.50	107,959.95	-	107,959.95	3,020,959.95	3,128,919.90
3/1/2024			47,835.30	7,545.00	55,380.30	-	55,380.30	55,380.30	
9/1/2024	3,018,000.00	3.170%	47,835.30	7,545.00	55,380.30	-	55,380.30	3,073,380.30	3,128,760.60
3/1/2025			-	-	-	-	-	-	
9/1/2025			-	-	-	-	-	-	
3/1/2026			-	-	-	-	-	-	
	<u>41,875,000.00</u>		<u>13,662,184.94</u>	<u>2,493,846.53</u>	<u>16,156,031.47</u>	<u>(620,210.94)</u>	<u>15,535,820.53</u>	<u>57,410,820.53</u>	<u>57,410,820.53</u>

(1) Interest during construction period is calculated based on the timing of expected draws and the overall weighted average loan rate of 2.486%.

**Rhode Island Clean Water Finance Agency**  
**Drinking Water Revolving Fund Revenue Bonds, Series 2005A**  
**Revised Final Pricing Numbers**

**Loan Debt Service**

Pawtucket - \$31,909,000 Agency Loan

Date	Principal	Loan Rate	(1) Interest	Fees @ 0.500%	Total Fees & Interest	Capitalized Interest	Net Fees & Interest	(3) Total Debt Service	Annual Debt Service
03/23/05									
9/1/2005	1,000.00 (2)		44,268.38	7,656.44	51,924.82	(44,268.38)	7,656.44	8,656.44	8,656.44
3/1/2006			183,550.62	31,746.00	215,296.62	(183,550.62)	31,746.00	31,746.00	
9/1/2006	1,000.00 (2)		278,010.38	48,083.28	326,093.66	-	326,093.66	327,093.66	358,839.66
3/1/2007			365,044.90	63,136.34	428,181.24	-	428,181.24	428,181.24	
9/1/2007	1,000.00 (2)		396,139.21	68,514.26	464,653.47	-	464,653.47	465,653.47	893,834.71
3/1/2008			444,544.06	76,886.12	521,430.18	-	521,430.18	521,430.18	
9/1/2008	1,173,000.00	1.990%	461,232.70	79,772.50	541,005.20	-	541,005.20	1,711,005.20	2,232,435.38
3/1/2009			449,561.35	76,840.00	526,401.35	-	526,401.35	526,401.35	
9/1/2009	1,202,000.00	2.140%	449,561.35	76,840.00	526,401.35	-	526,401.35	1,728,401.35	2,254,802.70
3/1/2010			436,699.95	73,835.00	510,534.95	-	510,534.95	510,534.95	
9/1/2010	1,234,000.00	2.270%	436,699.95	73,835.00	510,534.95	-	510,534.95	1,744,534.95	2,255,069.90
3/1/2011			422,694.05	70,750.00	493,444.05	-	493,444.05	493,444.05	
9/1/2011	1,268,000.00	2.380%	422,694.05	70,750.00	493,444.05	-	493,444.05	1,761,444.05	2,254,888.10
3/1/2012			407,604.85	67,580.00	475,184.85	-	475,184.85	475,184.85	
9/1/2012	1,304,000.00	2.500%	407,604.85	67,580.00	475,184.85	-	475,184.85	1,779,184.85	2,254,369.70
3/1/2013			391,304.85	64,320.00	455,624.85	-	455,624.85	455,624.85	
9/1/2013	1,344,000.00	2.620%	391,304.85	64,320.00	455,624.85	-	455,624.85	1,799,624.85	2,255,249.70
3/1/2014			373,698.45	60,960.00	434,658.45	-	434,658.45	434,658.45	
9/1/2014	1,386,000.00	2.700%	373,698.45	60,960.00	434,658.45	-	434,658.45	1,820,658.45	2,255,316.90
3/1/2015			354,987.45	57,495.00	412,482.45	-	412,482.45	412,482.45	
9/1/2015	1,430,000.00	2.770%	354,987.45	57,495.00	412,482.45	-	412,482.45	1,842,482.45	2,254,964.90
3/1/2016			335,181.95	53,920.00	389,101.95	-	389,101.95	389,101.95	
9/1/2016	1,477,000.00	2.840%	335,181.95	53,920.00	389,101.95	-	389,101.95	1,866,101.95	2,255,203.90
3/1/2017			314,208.55	50,227.50	364,436.05	-	364,436.05	364,436.05	
9/1/2017	1,526,000.00	2.900%	314,208.55	50,227.50	364,436.05	-	364,436.05	1,890,436.05	2,254,872.10
3/1/2018			292,081.55	46,412.50	338,494.05	-	338,494.05	338,494.05	
9/1/2018	1,578,000.00	2.950%	292,081.55	46,412.50	338,494.05	-	338,494.05	1,916,494.05	2,254,988.10
3/1/2019			268,806.05	42,467.50	311,273.55	-	311,273.55	311,273.55	
9/1/2019	1,632,000.00	2.990%	268,806.05	42,467.50	311,273.55	-	311,273.55	1,943,273.55	2,254,547.10
3/1/2020			244,407.65	38,387.50	282,795.15	-	282,795.15	282,795.15	
9/1/2020	1,689,000.00	3.040%	244,407.65	38,387.50	282,795.15	-	282,795.15	1,971,795.15	2,254,590.30
3/1/2021			218,734.85	34,165.00	252,899.85	-	252,899.85	252,899.85	
9/1/2021	1,749,000.00	3.070%	218,734.85	34,165.00	252,899.85	-	252,899.85	2,001,899.85	2,254,799.70
3/1/2022			191,887.70	29,792.50	221,680.20	-	221,680.20	221,680.20	
9/1/2022	1,811,000.00	3.120%	191,887.70	29,792.50	221,680.20	-	221,680.20	2,032,680.20	2,254,360.40
3/1/2023			163,636.10	25,265.00	188,901.10	-	188,901.10	188,901.10	
9/1/2023	1,877,000.00	3.160%	163,636.10	25,265.00	188,901.10	-	188,901.10	2,065,901.10	2,254,802.20
3/1/2024			133,979.50	20,572.50	154,552.00	-	154,552.00	154,552.00	
9/1/2024	1,946,000.00	3.210%	133,979.50	20,572.50	154,552.00	-	154,552.00	2,100,552.00	2,255,104.00
3/1/2025			102,746.20	15,707.50	118,453.70	-	118,453.70	118,453.70	
9/1/2025	2,018,000.00	3.250%	102,746.20	15,707.50	118,453.70	-	118,453.70	2,136,453.70	2,254,907.40
3/1/2026			69,953.70	10,662.50	80,616.20	-	80,616.20	80,616.20	
9/1/2026	2,094,000.00	3.260%	69,953.70	10,662.50	80,616.20	-	80,616.20	2,174,616.20	2,255,232.40
3/1/2027			35,821.50	5,427.50	41,249.00	-	41,249.00	41,249.00	
9/1/2027	2,171,000.00	3.300%	35,821.50	5,427.50	41,249.00	-	41,249.00	2,212,249.00	2,253,498.00
<b>31,909,000.00</b>			<b>12,588,782.76</b>	<b>2,065,369.94</b>	<b>14,654,152.70</b>	<b>(227,819.00)</b>	<b>14,426,333.70</b>	<b>46,335,333.70</b>	<b>46,335,333.70</b>

(1) Interest during construction period is calculated based on the timing of expected draws and the overall weighted average loan rate of 2.872%.

(2) Represents sinking fund redemptions of 09/01/08 maturity.

(3) 09/01/08 total debt service adjusted for sinking fund redemptions.

REPORT NO. JOND02

CITY OF PAWUCKEY-BONDS OUTSTANDING

DATE 07/01/1992

CHAPTER 103 PUBLIC LAW 1984 BOND DESC IMPROVEMENTS PAWT WATER SYS DATE ISSUED 07/01/1992 TOT BOND AMT 250,000 MATURITY 07/01/1992 SEQ 4 CLASS 4 NO BANK 37 02

INTEREST PAYMENTS	DATE DUE	INTEREST RATE	PRINCIPAL PAYMENTS	DATE DUE
7,006.50	07/01/1992	07.750		15
6,522.00	01/01/1993	06.700		16
6,522.00	07/01/1993	06.700		17
6,103.00	01/01/1994	06.900		18
6,103.00	07/01/1994	06.900		19
5,672.00	01/01/1995	07.100		20
5,672.00	07/01/1995	07.100		21
5,228.00	01/01/1996	07.200		22
5,228.00	07/01/1996	07.200		23
4,778.00	01/01/1997	07.300		24
4,778.00	07/01/1997	07.300		25
4,322.00	01/01/1998	07.400		26
4,322.00	07/01/1998	07.400		27
3,859.50	01/01/1999	07.500		28
3,859.50	07/01/1999	07.500		29
3,390.50	01/01/2000	07.600		30
3,390.50	07/01/2000	07.600		31
2,915.50	01/01/2001	07.700		32
2,915.50	07/01/2001	07.700		33
2,434.50	01/01/2002	07.800		34
2,434.50	07/01/2002	07.800		35
1,947.00	01/01/2003	07.900		36
1,947.00	07/01/2003	07.900		37
1,453.00	01/01/2004	07.750		38
1,453.00	07/01/2004	07.750		39
969.00	01/01/2005	07.750		40
969.00	07/01/2005	07.750		41
484.50	01/01/2006	07.750		42
484.50	07/01/2006	07.750		43
			12,500.00	49
			12,500.00	50
			12,500.00	51
			12,500.00	52
			12,500.00	53
			12,500.00	54
			12,500.00	55
			12,500.00	56
			12,500.00	57
			12,500.00	58
			12,500.00	59
			12,500.00	60
			12,500.00	61
			12,500.00	62
			12,500.00	63

BOND TOTALS 107,163.50

TOT INT & PRIN 294,663.50

Index Item 29 (f)

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REPORT NO. BOND02

CHAPTER  
327

PUBLIC LAW  
1985

BOND DESC  
IMPROVEMENTS PAWT WATER SYS

CITY OF PAWTUCKET-BONDS OUTSTANDING

DATE 07/01/1992

CLASS NO BANK  
4 38 02

MAT DATES  
07018606

TOT BOND AMT  
250,000

DATE ISSUED  
070186

PRINCIPAL PAYMENTS

INTEREST RATE

INTEREST PAYMENTS

DATE DUE

INTEREST RATE

DATE DUE

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<b>City of Pawtucket, Rhode Island</b> <b>\$9,145,000 General Obligation Refunding Bonds, 2002 Series B</b> <b>Dated October 15, 2002</b> <b>Chapter 108/PL 89</b> <b>DEBT SERVICE SCHEDULE</b>					
<i>Water</i> <i>\$350,000</i>					
Date	Principal	Coupon	Interest	Total P+I	FISCAL TOTAL
10/29/2002	-	-	-	-	-
4/15/2003	17,383.00	2.000%	4,128.32	21,511.32	-
6/30/2003	-	-	-	-	21,511.32
10/15/2003	-	-	3,954.49	3,954.49	-
4/15/2004	19,720.00	2.000%	3,954.49	23,674.49	-
6/30/2004	-	-	-	-	27,628.98
10/15/2004	-	-	3,757.29	3,757.29	-
4/15/2005	20,159.00	2.250%	3,757.29	23,916.29	-
6/30/2005	-	-	-	-	27,673.58
10/15/2005	-	-	3,530.50	3,530.50	-
4/15/2006	20,597.00	2.500%	3,530.50	24,127.50	-
6/30/2006	-	-	-	-	27,658.00
10/15/2006	-	-	3,273.04 ✓	3,273.04	-
4/15/2007	21,181.00	2.750%	3,273.04 ✓	24,454.04	-
6/30/2007	-	-	-	-	27,727.08
10/15/2007	-	-	2,981.80	2,981.80	-
4/15/2008	21,765.00	3.000%	2,981.80	24,746.80	-
6/30/2008	-	-	-	-	27,728.80
10/15/2008	-	-	2,655.33	2,655.33	-
4/15/2009	22,350.00	3.250%	2,655.33	25,005.33	-
6/30/2009	-	-	-	-	27,660.66
10/15/2009	-	-	2,292.14	2,292.14	-
4/15/2010	23,226.00	3.500%	2,292.14	25,518.14	-
6/30/2010	-	-	-	-	27,810.28
10/15/2010	-	-	1,885.68	1,885.68	-
4/15/2011	24,103.00	3.500%	1,885.68	25,988.68	-
6/30/2011	-	-	-	-	27,874.36
10/15/2011	-	-	1,463.88	1,463.88	-
4/15/2012	24,833.00	3.625%	1,463.88	26,296.88	-
6/30/2012	-	-	-	-	27,760.76
10/15/2012	-	-	1,013.78	1,013.78	-
4/15/2013	25,710.00	3.750%	1,013.78	26,723.78	-
6/30/2013	-	-	-	-	27,737.56
10/15/2013	-	-	531.72	531.72	-
4/15/2014	26,596.00	4.000%	531.72	27,117.72	-
6/30/2014	-	-	-	-	27,648.44
Total	267,613.00	-	58,807.62	326,420.62	-

*Class 4*  
 City of Pawtucket, Rhode Island  
 \$12,615,000 General Obligation Bonds  
 1989 Water Sedimentation Basin - \$60,000  
 DEBT SERVICE SCHEDULE

*PL 89 C 359*  
*MB 10/89*  
*DB 8/00*

Date	Principal	Coupon	Interest	Total P+I	FISCAL TOTAL
7/9/98	-	-	-	-	-
7/1/99	1,759.81	6.75%	3,058.61	4,818.42	-
1/1/00	-	-	1,469.91	1,469.91	-
6/30/00	-	-	-	-	6,288.33
7/1/00	1,831.15	6.75%	1,469.91	3,301.06	-
1/1/01	-	-	1,408.11	1,408.11	-
6/30/01	-	-	-	-	4,709.17
7/1/01	1,950.06	6.75%	1,408.11	3,358.17	-
1/1/02	-	-	1,342.29	1,342.29	-
6/30/02	-	-	-	-	4,700.46
7/1/02	2,045.18	6.75%	1,342.29	3,387.48	-
1/1/03	-	-	1,273.27	1,273.27	-
6/30/03	-	-	-	-	4,660.75
7/1/03	2,164.09	6.50%	1,273.27	3,437.36	-
1/1/04	-	-	1,202.94	1,202.94	-
6/30/04	-	-	-	-	4,640.30
7/1/04	2,259.22	4.25%	1,202.94	3,462.15	-
1/1/05	-	-	1,154.93	1,154.93	-
6/30/05	-	-	-	-	4,617.08
7/1/05	2,378.12	4.30%	1,154.93	3,533.05	-
1/1/06	-	-	1,103.80	1,103.80	-
6/30/06	-	-	-	-	4,636.85
7/1/06	2,520.81	4.40%	1,103.80	3,624.61	-
1/1/07	-	-	1,048.34	1,048.34	-
6/30/07	-	-	-	-	4,672.95
7/1/07	2,663.50	4.45%	1,048.34	3,711.84	-
1/1/08	-	-	989.08	989.08	-
6/30/08	-	-	-	-	4,700.92
7/1/08	2,806.18	4.50%	989.08	3,795.26	-
1/1/09	-	-	925.94	925.94	-
6/30/09	-	-	-	-	4,721.20
7/1/09	2,948.87	4.60%	925.94	3,874.81	-
1/1/10	-	-	858.12	858.12	-
6/30/10	-	-	-	-	4,732.93
7/1/10	3,091.56	4.70%	858.12	3,949.67	-
1/1/11	-	-	785.46	785.46	-
6/30/11	-	-	-	-	4,735.14
7/1/11	3,258.03	4.75%	785.46	4,043.49	-
1/1/12	-	-	708.09	708.09	-
6/30/12	-	-	-	-	4,751.58
7/1/12	3,448.28	5.00%	708.09	4,156.36	-
1/1/13	-	-	621.88	621.88	-

*1576a 1576*

6/30/13	-	-	-	-	4,778.24
7/1/13	3,614.74	5.00%	621.88	4,236.62	-
1/1/14	-	-	531.51	531.51	-
6/30/14	-	-	-	-	4,768.13
7/1/14	3,828.78	5.00%	531.51	4,360.29	-
1/1/15	-	-	435.79	435.79	-
6/30/15	-	-	-	-	4,796.08
7/1/15	4,019.02	5.00%	435.79	4,454.82	-
1/1/16	-	-	335.32	335.32	-
6/30/16	-	-	-	-	4,790.13
7/1/16	4,233.06	5.00%	335.32	4,568.37	-
1/1/17	-	-	229.49	229.49	-
6/30/17	-	-	-	-	4,797.86
7/1/17	4,470.87	5.00%	229.49	4,700.36	-
1/1/18	-	-	117.72	117.72	-
6/30/18	-	-	-	-	4,818.07
7/1/18	4,708.68	5.00%	117.72	4,826.40	-
6/30/19	-	-	-	-	4,826.40
TOTAL	\$ 60,000.00	-	\$ 36,142.56	\$ 96,142.56	-

1576b

Class 4

PL 89 C 108

City of Pawtucket, Rhode Island  
\$12,615,000 General Obligation Bonds

1989 Water Transmission & Distribution - \$485,000

DEBT SERVICE SCHEDULE

Date	Principal	Coupon	Interest	Total P+I	FISCAL TOTAL
7/9/98	-	-	-	-	-
7/1/99	14,225.13	6.75%	24,723.75	38,948.88	-
1/1/00	-	-	11,881.78	11,881.78	-
6/30/00	-	-	-	-	50,830.66
7/1/00	14,801.82	6.75%	11,881.78	26,683.60	-
1/1/01	-	-	11,382.22	11,382.22	-
6/30/01	-	-	-	-	38,065.82
7/1/01	15,762.98	6.75%	11,382.22	27,145.20	-
1/1/02	-	-	10,850.22	10,850.22	-
6/30/02	-	-	-	-	37,995.42
7/1/02	16,531.91	6.75%	10,850.22	27,382.12	-
1/1/03	-	-	10,292.27	10,292.27	-
6/30/03	-	-	-	-	37,674.39
7/1/03	17,493.06	6.50%	10,292.27	27,785.33	-
1/1/04	-	-	9,723.74	9,723.74	-
6/30/04	-	-	-	-	37,509.07
7/1/04	18,261.99	4.25%	9,723.74	27,985.73	-
1/1/05	-	-	9,335.67	9,335.67	-
6/30/05	-	-	-	-	37,321.40
7/1/05	19,223.15	4.30%	9,335.67	28,558.82	-
1/1/06	-	-	8,922.38	8,922.38	-
6/30/06	-	-	-	-	37,481.20
7/1/06	20,376.54	4.40%	8,922.38	29,298.91	-
1/1/07	-	-	8,474.09	8,474.09	-
6/30/07	-	-	-	-	37,773.00
7/1/07	21,529.92	4.45%	8,474.09	30,004.02	-
1/1/08	-	-	7,995.05	7,995.05	-
6/30/08	-	-	-	-	37,999.07
7/1/08	22,683.31	4.50%	7,995.05	30,678.36	-
1/1/09	-	-	7,484.68	7,484.68	-
6/30/09	-	-	-	-	38,163.04
7/1/09	23,836.70	4.60%	7,484.68	31,321.38	-
1/1/10	-	-	6,936.43	6,936.43	-
6/30/10	-	-	-	-	38,257.81
7/1/10	24,990.09	4.70%	6,936.43	31,926.52	-
1/1/11	-	-	6,349.17	6,349.17	-
6/30/11	-	-	-	-	38,275.69
7/1/11	26,335.71	4.75%	6,349.17	32,684.88	-
1/1/12	-	-	5,723.69	5,723.69	-
6/30/12	-	-	-	-	38,408.57
7/1/12	27,873.56	5.00%	5,723.69	33,597.26	-
1/1/13	-	-	5,026.85	5,026.85	-

MB 10/99  
MB 8/00  
MB 9/02

1575a

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6/30/13	-	-	-	-	38,624.11
7/1/13	29,219.18	5.00%	5,026.85	34,246.04	-
1/1/14	-	-	4,296.37	4,296.37	-
6/30/14	-	-	-	-	38,542.41
7/1/14	30,949.27	5.00%	4,296.37	35,245.64	-
1/1/15	-	-	3,522.64	3,522.64	-
6/30/15	-	-	-	-	38,768.28
7/1/15	32,487.12	5.00%	3,522.64	36,009.76	-
1/1/16	-	-	2,710.46	2,710.46	-
6/30/16	-	-	-	-	38,720.22
7/1/16	34,217.20	5.00%	2,710.46	36,927.67	-
1/1/17	-	-	1,855.03	1,855.03	-
6/30/17	-	-	-	-	38,782.70
7/1/17	36,139.52	5.00%	1,855.03	37,994.55	-
1/1/18	-	-	951.55	951.55	-
6/30/18	-	-	-	-	38,946.10
7/1/18	38,061.83	5.00%	951.55	39,013.38	-
6/30/19	-	-	-	-	39,013.38
TOTAL	\$ 485,000.00	-	\$ 292,152.33	\$ 777,152.33	-

City of Pawtucket, Rhode Island  
\$7,560,000 General Obligation Refunding Bonds  
\$238,500 Water Bonds, 1987 Issue

WATER

22/1986

\$500,000

KD 9/01  
CLASS 4

Bond #

11/9/98

## DEBT SERVICE SCHEDULE

Date	Principal	Coupon	Interest	Total P+I	FISCAL TOTAL
11/05/1998	-	-	-	-	-
3/15/1999	-	-	3,346.00	3,346.00	-
6/30/1999	-	-	-	-	3,346.00
9/15/1999	20,000.00	3.300%	4,494.63	24,494.63	-
3/15/2000	-	-	4,164.63	4,164.63	-
6/30/2000	-	-	-	-	28,659.26
9/15/2000	30,500.00	3.450%	4,164.63	34,664.63	-
3/15/2001	-	-	3,638.50	3,638.50	-
6/30/2001	-	-	-	-	38,303.13
9/15/2001	29,750.00	3.600%	3,638.50	33,388.50	-
3/15/2002	-	-	3,103.00	3,103.00	-
6/30/2002	-	-	-	-	36,491.50
9/15/2002	29,000.00	3.700%	3,103.00	32,103.00	-
3/15/2003	-	-	2,566.50	2,566.50	-
6/30/2003	-	-	-	-	34,669.50
9/15/2003	28,000.00	3.800%	2,566.50	30,566.50	-
3/15/2004	-	-	2,034.50	2,034.50	-
6/30/2004	-	-	-	-	32,601.00
9/15/2004	27,500.00	3.900%	2,034.50	29,534.50	-
3/15/2005	-	-	1,498.25	1,498.25	-
6/30/2005	-	-	-	-	31,032.75
9/15/2005	26,250.00	4.000%	1,498.25	27,748.25	-
3/15/2006	-	-	973.25	973.25	-
6/30/2006	-	-	-	-	28,721.50
9/15/2006	24,750.00	4.050%	973.25	25,723.25	-
3/15/2007	-	-	472.06	472.06	-
6/30/2007	-	-	-	-	26,195.31
9/15/2007	22,750.00	4.150%	472.06	23,222.06	-
6/30/2008	-	-	-	-	23,222.06
Total	238,500.00	-	44,742.01	283,242.01	-

Issue 11/5  
Bank Col

## YIELD STATISTICS

Accrued Interest from 11/01/1998 to 11/05/1998.....	99.88
Bond Year Dollars.....	\$1,147.28
Average Life.....	4.810 Years
Average Coupon.....	3.8998505%
Net Interest Cost (NIC).....	4.0661576%
True Interest Cost (TIC).....	4.0816869%
Bond Yield for Arbitrage Purposes.....	4.1460240%
All Inclusive Cost (AIC).....	4.7133707%
IRS FORM 8038	
Net Interest Cost.....	3.8911447%
Weighted Average Maturity.....	4.810 Years

Fleet Securities, Inc.  
Public Finance

File = PAWT-refund87-2-refund87-4  
11/13/1998 2:38 PM

1568

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**City of Pawtucket, Rhode Island**  
**\$7,560,000 General Obligation Refunding Bonds**  
**\$429,390 Purpose 11, Series 1991 Bonds**

Water - hand pipe

471 / 1988  
 \$500,000

**DEBT SERVICE SCHEDULE**

Date	Principal	Coupon	Interest	Total P+I	FISCAL TOTAL
11/05/1998	-	-	-	-	-
3/15/1999	-	-	6,354.56	6,354.56	-
6/30/1999	-	-	-	-	6,354.56
9/15/1999	13,325.00	3.300%	8,535.98	21,860.98	-
3/15/2000	-	-	8,316.12	8,316.12	-
6/30/2000	-	-	-	-	30,177.10
9/15/2000	30,420.00	3.450%	8,316.12	38,736.12	-
3/15/2001	-	-	7,791.37	7,791.37	-
6/30/2001	-	-	-	-	46,527.49
9/15/2001	31,590.00	3.600%	7,791.37	39,381.37	-
3/15/2002	-	-	7,222.75	7,222.75	-
6/30/2002	-	-	-	-	46,604.12
9/15/2002	32,760.00	3.700%	7,222.75	39,982.75	-
3/15/2003	-	-	6,616.69	6,616.69	-
6/30/2003	-	-	-	-	46,599.44
9/15/2003	34,320.00	3.800%	6,616.69	40,936.69	-
3/15/2004	-	-	5,964.61	5,964.61	-
6/30/2004	-	-	-	-	46,901.30
9/15/2004	35,750.00	3.900%	5,964.61	41,714.61	-
3/15/2005	-	-	5,267.49	5,267.49	-
6/30/2005	-	-	-	-	46,982.10
9/15/2005	37,375.00	4.000%	5,267.49	42,642.49	-
3/15/2006	-	-	4,519.99	4,519.99	-
6/30/2006	-	-	-	-	47,162.48
9/15/2006	39,065.00	4.050%	4,519.99	43,584.99	-
3/15/2007	-	-	3,728.92	3,728.92	-
6/30/2007	-	-	-	-	47,313.91
9/15/2007	41,210.00	4.150%	3,728.92	44,938.92	-
3/15/2008	-	-	2,873.81	2,873.81	-
6/30/2008	-	-	-	-	47,812.73
9/15/2008	42,575.00	4.200%	2,873.81	45,448.81	-
3/15/2009	-	-	1,979.74	1,979.74	-
6/30/2009	-	-	-	-	47,428.55
9/15/2009	44,525.00	4.300%	1,979.74	46,504.74	-
3/15/2010	-	-	1,022.45	1,022.45	-
6/30/2010	-	-	-	-	47,527.19
9/15/2010	46,475.00	4.400%	1,022.45	47,497.45	-
6/30/2011	-	-	-	-	47,497.45
<b>Total</b>	<b>429,390.00</b>	<b>-</b>	<b>125,498.42</b>	<b>554,888.42</b>	<b>-</b>

Class of MB8/10  
 Bond # 43  
 RD 7/10

11/1/96

**YIELD STATISTICS**

Accrued Interest from 11/01/1998 to 11/05/1998.....	189.69
Bond Year Dollars.....	\$3,049.47
Average Life.....	7.102 Years
Average Coupon.....	4.1154195%
Net Interest Cost (NIC).....	4.2280660%
True Interest Cost (TIC).....	4.2385519%
Bond Yield for Arbitrage Purposes.....	4.1460240%
All Inclusive Cost (AIC).....	5.7145579%
<b>IRS FORM 8038</b>	
Net Interest Cost.....	4.1091990%
Weighted Average Maturity.....	7.102 Years

Fleet Securities, Inc.  
 Public Finance

File = PAWT-refund87-2-refund91-11  
 11/13/1998 2:41 PM

1569

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**City of Pawtucket, Rhode Island**  
**\$7,560,000 General Obligation Refunding Bonds**  
**\$211,392 Purpose 6, Series 1991 Bonds**

Water Improvements  
 347/1987 MS 8/00  
 \$250,000

**DEBT SERVICE SCHEDULE**

Date	Principal	Coupon	Interest	Total P+I	FISCAL TOTAL
11/05/1998	-	-	-	-	-
3/15/1999	-	-	3,128.40	3,128.40	-
6/30/1999	-	-	-	-	3,128.40
9/15/1999	6,560.00	3.300%	4,202.33	10,762.33	-
3/15/2000	-	-	4,094.09	4,094.09	-
6/30/2000	-	-	-	-	14,856.42
9/15/2000	14,976.00	3.450%	4,094.09	19,070.09	-
3/15/2001	-	-	3,835.75	3,835.75	-
6/30/2001	-	-	-	-	22,905.84
9/15/2001	15,552.00	3.600%	3,835.75	19,387.75	-
3/15/2002	-	-	3,555.82	3,555.82	-
6/30/2002	-	-	-	-	22,943.57
9/15/2002	16,128.00	3.700%	3,555.82	19,683.82	-
3/15/2003	-	-	3,257.45	3,257.45	-
6/30/2003	-	-	-	-	22,941.27
9/15/2003	16,896.00	3.800%	3,257.45	20,153.45	-
3/15/2004	-	-	2,936.42	2,936.42	-
6/30/2004	-	-	-	-	23,089.87
9/15/2004	17,600.00	3.900%	2,936.42	20,536.42	-
3/15/2005	-	-	2,593.22	2,593.22	-
6/30/2005	-	-	-	-	23,129.64
9/15/2005	18,400.00	4.000%	2,593.22	20,993.22	-
3/15/2006	-	-	2,225.22	2,225.22	-
6/30/2006	-	-	-	-	23,218.44
9/15/2006	19,232.00	4.050%	2,225.22	21,457.22	-
3/15/2007	-	-	1,835.78	1,835.78	-
6/30/2007	-	-	-	-	23,293.00
9/15/2007	20,288.00	4.150%	1,835.78	22,123.78	-
3/15/2008	-	-	1,414.80	1,414.80	-
6/30/2008	-	-	-	-	23,538.58
9/15/2008	20,960.00	4.200%	1,414.80	22,374.80	-
3/15/2009	-	-	974.64	974.64	-
6/30/2009	-	-	-	-	23,349.44
9/15/2009	21,920.00	4.300%	974.64	22,894.64	-
3/15/2010	-	-	503.36	503.36	-
6/30/2010	-	-	-	-	23,398.00
9/15/2010	22,880.00	4.400%	503.36	23,383.36	-
6/30/2011	-	-	-	-	23,383.36
<b>Total</b>	<b>211,392.00</b>	<b>-</b>	<b>61,783.83</b>	<b>273,175.83</b>	<b>-</b>

**YIELD STATISTICS**

Accrued Interest from 11/01/1998 to 11/05/1998.....	93.39
Bond Year Dollars.....	\$1,501.28
Average Life.....	7.102 Years
Average Coupon.....	4.1154190%
Net Interest Cost (NIC).....	4.2280657%
True Interest Cost (TIC).....	4.2385515%
Bond Yield for Arbitrage Purposes.....	4.1460240%
All Inclusive Cost (AIC).....	7.3851221%
<b>IRS FORM 8038</b>	
Net Interest Cost.....	4.1091983%
Weighted Average Maturity.....	7.102 Years

Fleet Securities, Inc.  
 Public Finance

File = PAWT-refund87-2-refund91-6  
 11/13/1998 2:40 PM

1570

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**City of Pawtucket, Rhode Island**  
**\$7,560,000 General Obligation Refunding Bonds**  
**\$211,392 Purpose 14, Series 1991 Bonds**

Water - Arnold Mill  
 474-1988 MB 800  
 \$ 250,000

**DEBT SERVICE SCHEDULE**

Date	Principal	Coupon	Interest	Total P+I	FISCAL TOTAL
11/05/1998	-	-	-	-	-
3/15/1999	-	-	3,128.40	3,128.40	3,128.40
6/30/1999	-	-	-	-	-
9/15/1999	6,560.00	3.300%	4,202.33	10,762.33	-
3/15/2000	-	-	4,094.09	4,094.09	-
6/30/2000	-	-	-	-	14,856.42
9/15/2000	14,976.00	3.450%	4,094.09	19,070.09	-
3/15/2001	-	-	3,835.75	3,835.75	-
6/30/2001	-	-	-	-	22,905.84
9/15/2001	15,552.00	3.600%	3,835.75	19,387.75	-
3/15/2002	-	-	3,555.82	3,555.82	-
6/30/2002	-	-	-	-	22,943.57
9/15/2002	16,128.00	3.700%	3,555.82	19,683.82	-
3/15/2003	-	-	3,257.45	3,257.45	-
6/30/2003	-	-	-	-	22,941.27
9/15/2003	16,896.00	3.800%	3,257.45	20,153.45	-
3/15/2004	-	-	2,936.42	2,936.42	-
6/30/2004	-	-	-	-	23,089.87
9/15/2004	17,600.00	3.900%	2,936.42	20,536.42	-
3/15/2005	-	-	2,593.22	2,593.22	-
6/30/2005	-	-	-	-	23,129.64
9/15/2005	18,400.00	4.000%	2,593.22	20,993.22	-
3/15/2006	-	-	2,225.22	2,225.22	-
6/30/2006	-	-	-	-	23,218.44
9/15/2006	19,232.00	4.050%	2,225.22	21,457.22	-
3/15/2007	-	-	1,835.78	1,835.78	-
6/30/2007	-	-	-	-	23,293.00
9/15/2007	20,288.00	4.150%	1,835.78	22,123.78	-
3/15/2008	-	-	1,414.80	1,414.80	-
6/30/2008	-	-	-	-	23,538.58
9/15/2008	20,960.00	4.200%	1,414.80	22,374.80	-
3/15/2009	-	-	974.64	974.64	-
6/30/2009	-	-	-	-	23,349.44
9/15/2009	21,920.00	4.300%	974.64	22,894.64	-
3/15/2010	-	-	503.36	503.36	-
6/30/2010	-	-	-	-	23,398.00
9/15/2010	22,880.00	4.400%	503.36	23,383.36	-
6/30/2011	-	-	-	-	23,383.36
<b>Total</b>	<b>211,392.00</b>	<b>-</b>	<b>61,783.83</b>	<b>273,175.83</b>	<b>-</b>

**YIELD STATISTICS**

Accrued Interest from 11/01/1998 to 11/05/1998.....	93.39
Bond Year Dollars.....	\$1,501.28
Average Life.....	7.102 Years
Average Coupon.....	4.1154190%
Net Interest Cost (NIC).....	4.2280657%
True Interest Cost (TIC).....	4.2385515%
Bond Yield for Arbitrage Purposes.....	4.1460240%
All Inclusive Cost (AIC).....	7.3851221%
IRS FORM 8038	
Net Interest Cost.....	4.1091983%
Weighted Average Maturity.....	7.102 Years

Fleet Securities, Inc.  
 Public Finance

File = PAWT-refund87-2-refund91-14  
 11/13/1998 2:42 PM

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12-7-78

MB 7/9

Water - Transmission

**City of Pawtucket, Rhode Island**  
**\$7,560,000 General Obligation Refunding Bonds**  
**\$211,392 Purpose 12, Series 1991 Bonds**

472/1988

\$250,000

MB 8/6

KD 9/11

Class 04  
Bond # 41

MB 9/12

**DEBT SERVICE SCHEDULE**

Date	Principal	Coupon	Interest	Total P+I	FISCAL TOTAL
11/05/1998	-	-	-	-	-
3/15/1999	-	-	3,128.40	3,128.40	-
6/30/1999	-	-	-	-	3,128.40
9/15/1999	6,560.00	3.300%	4,202.33	10,762.33	-
3/15/2000	-	-	4,094.09	4,094.09	-
6/30/2000	-	-	-	-	14,856.42
9/15/2000	14,976.00	3.450%	4,094.09	19,070.09	-
3/15/2001	-	-	3,835.75	3,835.75	-
6/30/2001	-	-	-	-	22,905.84
9/15/2001	15,552.00	3.600%	3,835.75	19,387.75	-
3/15/2002	-	-	3,555.82	3,555.82	-
6/30/2002	-	-	-	-	22,943.57
9/15/2002	16,128.00	3.700%	3,555.82	19,683.82	-
3/15/2003	-	-	3,257.45	3,257.45	-
6/30/2003	-	-	-	-	22,941.27
9/15/2003	16,896.00	3.800%	3,257.45	20,153.45	-
3/15/2004	-	-	2,936.42	2,936.42	-
6/30/2004	-	-	-	-	23,089.87
9/15/2004	17,600.00	3.900%	2,936.42	20,536.42	-
3/15/2005	-	-	2,593.22	2,593.22	-
6/30/2005	-	-	-	-	23,129.64
9/15/2005	18,400.00	4.000%	2,593.22	20,993.22	-
3/15/2006	-	-	2,225.22	2,225.22	-
6/30/2006	-	-	-	-	23,218.44
9/15/2006	19,232.00	4.050%	2,225.22	21,457.22	-
3/15/2007	-	-	1,835.78	1,835.78	-
6/30/2007	-	-	-	-	23,293.00
9/15/2007	20,288.00	4.150%	1,835.78	22,123.78	-
3/15/2008	-	-	1,414.80	1,414.80	-
6/30/2008	-	-	-	-	23,538.58
9/15/2008	20,960.00	4.200%	1,414.80	22,374.80	-
3/15/2009	-	-	974.64	974.64	-
6/30/2009	-	-	-	-	23,349.44
9/15/2009	21,920.00	4.300%	974.64	22,894.64	-
3/15/2010	-	-	503.36	503.36	-
6/30/2010	-	-	-	-	23,398.00
9/15/2010	22,880.00	4.400%	503.36	23,383.36	-
6/30/2011	-	-	-	-	23,383.36
<b>Total</b>	<b>211,392.00</b>	<b>-</b>	<b>61,783.83</b>	<b>273,175.83</b>	<b>-</b>

**YIELD STATISTICS**

Accrued Interest from 11/01/1998 to 11/05/1998.....	93.39
Bond Year Dollars.....	\$1,501.28
Average Life.....	7.102 Years
Average Coupon.....	4.1154190%
Net Interest Cost (NIC).....	4.2280657%
True Interest Cost (TIC).....	4.2385515%
Bond Yield for Arbitrage Purposes.....	4.1460240%
All Inclusive Cost (AIC).....	7.3851221%
<b>IRS FORM 8038</b>	
Net Interest Cost.....	4.1091983%
Weighted Average Maturity.....	7.102 Years

Fleet Securities, Inc.  
 Public Finance

File = PAWT-refund87-2-refund91-12  
 11/13/1998 2:41 PM

1572

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Index Item *PBC*  
 12-9-58 *je*

**City of Pawtucket, Rhode Island**  
**\$7,560,000 General Obligation Refunding Bonds**  
**\$277,452 Purpose 17, Series 1991 Bonds**

*Water - Lead Pipe*  
 358 / 1289 *AB 8/01*  
 330,000  
*Class 04*  
*Bond # 44*  
*KD 9/01*  
*MB 9/02*

**DEBT SERVICE SCHEDULE**

Date	Principal	Coupon	Interest	Total P+I	FISCAL TOTAL
11/05/1998	-	-	4,106.02	4,106.02	-
3/15/1999	-	-	-	-	4,106.02
6/30/1999	-	-	5,515.56	14,125.56	-
9/15/1999	8,610.00	3.300%	5,373.49	5,373.49	-
3/15/2000	-	-	-	-	19,499.05
6/30/2000	-	-	5,373.49	25,029.49	-
9/15/2000	19,656.00	3.450%	5,034.42	5,034.42	-
3/15/2001	-	-	-	-	30,063.91
6/30/2001	-	-	5,034.42	25,446.42	-
9/15/2001	20,412.00	3.600%	4,667.01	4,667.01	-
3/15/2002	-	-	-	-	30,113.43
6/30/2002	-	-	4,667.01	25,835.01	-
9/15/2002	21,168.00	3.700%	4,275.40	4,275.40	-
3/15/2003	-	-	-	-	30,110.41
6/30/2003	-	-	4,275.40	26,451.40	-
9/15/2003	22,176.00	3.800%	3,854.06	3,854.06	-
3/15/2004	-	-	-	-	30,305.46
6/30/2004	-	-	3,854.06	26,954.06	-
9/15/2004	23,100.00	3.900%	3,403.61	3,403.61	-
3/15/2005	-	-	-	-	30,357.67
6/30/2005	-	-	3,403.61	27,553.61	-
9/15/2005	24,150.00	4.000%	2,920.61	2,920.61	-
3/15/2006	-	-	-	-	30,474.22
6/30/2006	-	-	2,920.61	28,162.61	-
9/15/2006	25,242.00	4.050%	2,409.46	2,409.46	-
3/15/2007	-	-	-	-	30,572.07
6/30/2007	-	-	2,409.46	29,037.46	-
9/15/2007	26,628.00	4.150%	1,856.93	1,856.93	-
3/15/2008	-	-	-	-	30,894.39
6/30/2008	-	-	1,856.93	29,366.93	-
9/15/2008	27,510.00	4.200%	1,279.22	1,279.22	-
3/15/2009	-	-	-	-	30,646.15
6/30/2009	-	-	1,279.22	30,049.22	-
9/15/2009	28,770.00	4.300%	660.66	660.66	-
3/15/2010	-	-	-	-	30,709.88
6/30/2010	-	-	660.66	30,690.66	-
9/15/2010	30,030.00	4.400%	-	-	30,690.66
6/30/2011	-	-	-	-	-
<b>Total</b>	<b>277,452.00</b>	-	<b>81,091.32</b>	<b>358,543.32</b>	-

**YIELD STATISTICS**

Accrued Interest from 11/01/1998 to 11/05/1998.....	122.57
Bond Year Dollars.....	\$1,970.43
Average Life.....	7.102 Years
Average Coupon.....	4.1154211%
Net Interest Cost (NIC).....	4.2280679%
True Interest Cost (TIC).....	4.2385533%
Bond Yield for Arbitrage Purposes.....	4.1438693%
All Inclusive Cost (AIC).....	6.5739092%
 IRS FORM 8038	
Net Interest Cost.....	4.1092007%
Weighted Average Maturity.....	7.102 Years

Fleet Securities, Inc.  
 Public Finance

File = PAWTUCK-refund87-2-refund91-17  
 11/13/1998 2:48 PM

1573

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## CITY OF PAWTUCKET, RHODE ISLAND

\$11,780,000 General Obligation Bonds

Due: July 1, 2002 - 2021 *Water Supply Board*  
Chapter 359/1989 *Sedimentation*

## DEBT SERVICE SCHEDULE

Date	Principal	Coupon	Interest	Total P+I	FISCAL TOTAL
7/01/2001	-	-	-	-	-
7/01/2002	11,200.00	6.000%	10,179.40	21,379.40	-
1/01/2003	-	-	4,753.70	4,753.70	-
6/30/2003	-	-	-	-	26,133.10
7/01/2003	11,200.00	5.750%	4,753.70	15,953.70	-
1/01/2004	-	-	4,431.70	4,431.70	-
6/30/2004	-	-	-	-	20,385.40
7/01/2004	11,200.00	5.000%	4,431.70	15,631.70	-
1/01/2005	-	-	4,151.70	4,151.70	-
6/30/2005	-	-	-	-	19,783.40
7/01/2005	11,200.00	4.000%	4,151.70	15,351.70	-
1/01/2006	-	-	3,927.70	3,927.70	-
6/30/2006	-	-	-	-	19,279.40
7/01/2006	11,200.00	4.000%	3,927.70	15,127.70	-
1/01/2007	-	-	3,703.70	3,703.70	-
6/30/2007	-	-	-	-	18,831.40
7/01/2007	11,200.00	4.125%	3,703.70	14,903.70	-
1/01/2008	-	-	3,472.70	3,472.70	-
6/30/2008	-	-	-	-	18,376.40
7/01/2008	11,200.00	4.125%	3,472.70	14,672.70	-
1/01/2009	-	-	3,241.70	3,241.70	-
6/30/2009	-	-	-	-	17,914.40
7/01/2009	11,200.00	4.000%	3,241.70	14,441.70	-
1/01/2010	-	-	3,017.70	3,017.70	-
6/30/2010	-	-	-	-	17,459.40
7/01/2010	11,200.00	4.000%	3,017.70	14,217.70	-
1/01/2011	-	-	2,793.70	2,793.70	-
6/30/2011	-	-	-	-	17,011.40
7/01/2011	11,200.00	4.150%	2,793.70	13,993.70	-
1/01/2012	-	-	2,561.30	2,561.30	-
6/30/2012	-	-	-	-	16,555.00
7/01/2012	11,200.00	4.300%	2,561.30	13,761.30	-
1/01/2013	-	-	2,320.50	2,320.50	-
6/30/2013	-	-	-	-	16,081.80
7/01/2013	11,200.00	4.500%	2,320.50	13,520.50	-
1/01/2014	-	-	2,068.50	2,068.50	-
6/30/2014	-	-	-	-	15,589.00
7/01/2014	11,200.00	4.600%	2,068.50	13,268.50	-
1/01/2015	-	-	1,810.90	1,810.90	-
6/30/2015	-	-	-	-	15,079.40
7/01/2015	11,200.00	4.700%	1,810.90	13,010.90	-
1/01/2016	-	-	1,547.70	1,547.70	-
6/30/2016	-	-	-	-	14,558.60
7/01/2016	11,200.00	4.800%	1,547.70	12,747.70	-
1/01/2017	-	-	1,278.90	1,278.90	-
6/30/2017	-	-	-	-	14,026.60
7/01/2017	10,800.00	4.800%	1,278.90	12,078.90	-

First Southwest Company  
Public Finance

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## CITY OF PAWTUCKET, RHODE ISLAND

\$11,780,000 General Obligation Bonds

Due: July 1, 2002 - 2021 *Water Supply Board*  
Chapter 359/1989 *Sedimentation*

## DEBT SERVICE SCHEDULE

Date	Principal	Coupon	Interest	Total P+I	FISCAL TOTAL
1/01/2018	-	-	1,019.70	1,019.70	-
6/30/2018	-	-	-	-	13,098.60
7/01/2018	10,300.00	4.900%	1,019.70	11,319.70	-
1/01/2019	-	-	767.35	767.35	-
6/30/2019	-	-	-	-	12,087.05
7/01/2019	10,300.00	4.900%	767.35	11,067.35	-
1/01/2020	-	-	515.00	515.00	-
6/30/2020	-	-	-	-	11,582.35
7/01/2020	10,300.00	5.000%	515.00	10,815.00	-
1/01/2021	-	-	257.50	257.50	-
6/30/2021	-	-	-	-	11,072.50
7/01/2021	10,300.00	5.000%	257.50	10,557.50	-
6/30/2022	-	-	-	-	10,557.50
Total	220,000.00	-	105,462.70	325,462.70	-

## YIELD STATISTICS

Bond Year Dollars.....	\$2,279.00
Average Life.....	10.359 Years
Average Coupon.....	4.6275867%
Net Interest Cost (NIC).....	4.6275867%
True Interest Cost (TIC).....	4.5963489%
Bond Yield for Arbitrage Purposes.....	4.5960551%
All Inclusive Cost (AIC).....	4.5963489%
IRS FORM 8038	
Net Interest Cost.....	4.6275867%
Weighted Average Maturity.....	10.359 Years

First Southwest Company  
Public Finance

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## CITY OF PAWTUCKET, RHODE ISLAND

\$11,780,000 General Obligation Bonds

Due: July 1, 2002 - 2021

Chapter 108/1989

## DEBT SERVICE SCHEDULE

Water Supply Board  
TRANS = Distribution

Date	Principal	Coupon	Interest	Total P+I	FISCAL TOTAL
7/01/2001	-	-	-	-	-
7/01/2002	8,400.00	6.000%	7,634.50	16,034.50	-
1/01/2003	-	-	3,565.25	3,565.25	-
6/30/2003	-	-	-	-	19,599.75
7/01/2003	8,400.00	5.750%	3,565.25	11,965.25	-
1/01/2004	-	-	3,323.75	3,323.75	-
6/30/2004	-	-	-	-	15,289.00
7/01/2004	8,400.00	5.000%	3,323.75	11,723.75	-
1/01/2005	-	-	3,113.75	3,113.75	-
6/30/2005	-	-	-	-	14,837.50
7/01/2005	8,400.00	4.000%	3,113.75	11,513.75	-
1/01/2006	-	-	2,945.75	2,945.75	-
6/30/2006	-	-	-	-	14,459.50
7/01/2006	8,400.00	4.000%	2,945.75	11,345.75	-
1/01/2007	-	-	2,777.75	2,777.75	-
6/30/2007	-	-	-	-	14,123.50
7/01/2007	8,400.00	4.125%	2,777.75	11,177.75	-
1/01/2008	-	-	2,604.50	2,604.50	-
6/30/2008	-	-	-	-	13,782.25
7/01/2008	8,400.00	4.125%	2,604.50	11,004.50	-
1/01/2009	-	-	2,431.25	2,431.25	-
6/30/2009	-	-	-	-	13,435.75
7/01/2009	8,400.00	4.000%	2,431.25	10,831.25	-
1/01/2010	-	-	2,263.25	2,263.25	-
6/30/2010	-	-	-	-	13,094.50
7/01/2010	8,400.00	4.000%	2,263.25	10,663.25	-
1/01/2011	-	-	2,095.25	2,095.25	-
6/30/2011	-	-	-	-	12,758.50
7/01/2011	8,400.00	4.150%	2,095.25	10,495.25	-
1/01/2012	-	-	1,920.95	1,920.95	-
6/30/2012	-	-	-	-	12,416.20
7/01/2012	8,400.00	4.300%	1,920.95	10,320.95	-
1/01/2013	-	-	1,740.35	1,740.35	-
6/30/2013	-	-	-	-	12,061.30
7/01/2013	8,400.00	4.500%	1,740.35	10,140.35	-
1/01/2014	-	-	1,551.35	1,551.35	-
6/30/2014	-	-	-	-	11,691.70
7/01/2014	8,400.00	4.600%	1,551.35	9,951.35	-
1/01/2015	-	-	1,358.15	1,358.15	-
6/30/2015	-	-	-	-	11,309.50
7/01/2015	8,400.00	4.700%	1,358.15	9,758.15	-
1/01/2016	-	-	1,160.75	1,160.75	-
6/30/2016	-	-	-	-	10,918.90
7/01/2016	8,400.00	4.800%	1,160.75	9,560.75	-
1/01/2017	-	-	959.15	959.15	-
6/30/2017	-	-	-	-	10,519.90
7/01/2017	8,100.00	4.800%	959.15	9,059.15	-

First Southwest Company  
Public Finance

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## CITY OF PAWTUCKET, RHODE ISLAND

\$11,780,000 General Obligation Bonds

Due: July 1, 2002 - 2021

Chapter 108/1989

water supply Board TRANSFER.

## DEBT SERVICE SCHEDULE

Date	Principal	Coupon	Interest	Total P+I	FISCAL TOTAL
1/01/2018	-	-	764.75	764.75	-
6/30/2018	-	-	-	-	9,823.90
7/01/2018	7,800.00	4.900%	764.75	8,564.75	-
1/01/2019	-	-	573.65	573.65	-
6/30/2019	-	-	-	-	9,138.40
7/01/2019	7,700.00	4.900%	573.65	8,273.65	-
1/01/2020	-	-	385.00	385.00	-
6/30/2020	-	-	-	-	8,658.65
7/01/2020	7,700.00	5.000%	385.00	8,085.00	-
1/01/2021	-	-	192.50	192.50	-
6/30/2021	-	-	-	-	8,277.50
7/01/2021	7,700.00	5.000%	192.50	7,892.50	-
6/30/2022	-	-	-	-	7,892.50
Total	165,000.00	-	79,088.70	244,088.70	-

## YIELD STATISTICS

Bond Year Dollars.....	\$1,709.10
Average Life.....	10.358 Years
Average Coupon.....	4.6275057%
Net Interest Cost (NIC).....	4.6275057%
True Interest Cost (TIC).....	4.5962835%
Bond Yield for Arbitrage Purposes.....	4.5960551%
All Inclusive Cost (AIC).....	4.5962835%
IRS FORM 8038	
Net Interest Cost.....	4.6275057%
Weighted Average Maturity.....	10.358 Years

First Southwest Company  
Public Finance

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PAWTUCKET WATER SUPPLY BOARD  
SCHEDULE OF LEASE PAYMENTS  
ITEM 2.9(g)

## EXHIBIT B - SCHEDULE OF PAYMENTS

date	starting balance	rental payments	interest	principal	ending balance	Purchase Option Price
12/28/2007	\$418,272.00	\$ -	\$ -	\$ -	\$418,272.00	
<i>TEST YEAR</i> 12/28/2008	\$418,272.00	\$149,780.64	\$15,350.58	\$134,430.06	\$283,841.94	
12/28/2009	\$283,841.94	\$149,780.64	\$10,417.00	\$139,363.65	\$144,478.29	
12/28/2010	\$144,478.29	\$149,780.64	\$ 5,302.35	\$144,478.29	\$ 1.00	\$ 1.00
	Totals	\$449,341.93	\$31,069.93	\$418,272.00		

City of Pawtucket, Rhode Island

By: Typed: Ronald L. WunschelTitle: Director of Finance

City of Pawtucket Water Supply Board

By: Typed: Robert BensonTitle: Chief Financial OfficerDate: December 28, 2007

## Item 2.9 (i) Rate Year Municipal Tax Expense Calculation

### *Municipal Property Taxes for the Test Year and 3 prior fiscal years*

Municipalities and Fire Districts	Test Year			
	FY09	FY08	FY07	FY06
Town of Cumberland	\$ 628,956.23	\$ 345,269.35	\$ 696,359.11	\$ 673,762.19
Valley Falls Fire District	\$ 48,500.25	\$ 38,970.86	\$ 29,583.34	\$ 28,741.68
North Cumberland Fire District	\$ 27,137.53	\$ 20,627.28	\$ 20,627.28	\$ 20,602.95
Town of Lincoln	\$ 77,016.20	\$ 72,465.59	\$ 74,466.00	\$ 73,521.33
Saylesville Fire District	\$ 3,537.20	\$ 3,354.88	\$ 3,266.33	\$ 3,140.70
Town of North Attleboro	\$ 12,665.84	\$ 12,098.49	\$ 13,415.60	\$ 12,057.20
Town of Attleboro	\$ 4,456.76	\$ 4,674.13	\$ 4,500.01	\$ 3,776.20
Town of Wrentham	\$ 2,562.53	\$ 2,462.35	\$ 2,449.82	\$ 2,330.25
Cumberland Hill Fire District	\$ 20.00	\$ 22.94	\$ -	\$ -
Total Annual Property Tax Expense	<u>\$ 804,852.54</u>	<u>\$ 499,945.87</u>	<u>\$ 844,667.49</u>	<u>\$ 817,932.50</u>

## 2.9(j) Employee Information

### Official Roster per City of Pawtucket Personnel Division

Full time positions	52
Part time positions	1
Unfunded positions	1

**Total authorized positions** 54

PWSB Organization Chart attached to the Annual Report as required per page 45.

	<u>Number of employees</u>		<u>Paid Overtime</u>
	<u>Beginning of year</u>	<u>End of year</u>	
<b>Test Year FY09</b>	52	50	116,773
<b>1st prior year</b>	52	54	141,565
<b>2nd prior year</b>	49	52	99,308
 <b>Rate year</b>	 53	 53	 125,116

See Employee Roster/Headcount on pages 1 and 2 of Schedule RB-02.

**PAWTUCKET WATER SUPPLY BOARD****Item 2.9 (k) Summary of Affiliated Entities Transactions****Billings to the City**

AFFILIATED ENTITY NAME	LOCATION	ACCOUNT #		Sales Billed in the Test Year	Account Balance as of 7/1/2008	Account Balance as of 6/30/2009	Current Balance as of 4/1/2010
		Cust ID	Land ID				
CITY OF PAWTUCKET	375 Cottage St	13877	30400	\$1,699.74	\$0.00	\$0.00	\$0.00
CITY OF PAWTUCKET	401 Daggett Ave	18587	245610	\$300.70	\$12.61	\$87.65	\$14.10
CITY OF PAWTUCKET	395 Daggett Avenue	18587	245620	\$2,624.78	\$553.59	\$168.07	\$29.29
CITY OF PAWTUCKET	260 Armistice Blvd	22509	249480	\$158.80	\$29.37	\$33.43	\$29.76
CITY OF PAWTUCKET	250 Armistice Blvd	22509	249480	\$1,105.88	\$0.00	\$0.00	\$511.66
CITY OF PAWTUCKET	250 Armistice Blvd	22509	249490	\$494.71	\$0.00	\$0.00	\$92.59
CITY OF PAWTUCKET	Blackstone Ave	23821	242410	\$4,791.05	\$524.32	\$1,139.50	\$29.29
CITY OF PAWTUCKET	1 Columbus Ave	25673	251850	\$1,281.62	\$0.00	\$0.00	\$1,281.62
CITY OF PAWTUCKET	1 Columbus Ave	25673	251870	\$119.62	\$11.46	\$9.47	\$9.47
CITY OF PAWTUCKET	1 Columbus Ave	25673	251940	\$3,074.63	\$375.33	\$162.74	\$0.00
CITY OF PAWTUCKET	Slater Park	28303	245900	\$9,094.44	\$29.72	\$1,846.13	\$32.59
CITY OF PAWTUCKET	Slater Park	28303	245903	\$123.53	\$8.34	\$0.00	\$9.47
CITY OF PAWTUCKET	Slater Park	28305	245920	\$2,060.24	\$8.34	\$33.65	\$9.47
CITY OF PAWTUCKET	Slater Park	28307	245890	\$6,307.87	\$3,193.97	\$294.63	\$0.00
CITY OF PAWTUCKET	Slater Park	28307	245940	\$129.54	\$8.34	\$9.47	\$18.94
CITY OF PAWTUCKET	449 Newport Ave	28451	245780	\$942.18	\$0.00	\$29.29	\$29.29
CITY OF PAWTUCKET	Slater Park	28451	246990	\$1,287.16	\$137.47	\$161.20	\$36.77
CITY OF PAWTUCKET	Slater Park	28451	247040	\$117.05	\$0.00	\$5.79	\$9.47
CITY OF PAWTUCKET	Slater Park	28563	247150	\$113.93	\$8.34	\$22.62	\$9.47
CITY OF PAWTUCKET	Slater Park	28563	249370	\$6,586.52	\$670.69	\$856.55	\$29.29
CITY OF PAWTUCKET	Slater Park	28563	249380	\$382.47	\$29.72	\$65.21	\$32.59
CITY OF PAWTUCKET	Slater Park	28563	252600	\$113.93	\$0.00	\$0.00	\$170.80
CITY OF PAWTUCKET	Slater Park	28563	252610	\$201.50	\$43.82	\$64.97	\$14.10
CITY OF PAWTUCKET	Slater Park	28569	247160	\$1,075.50	\$106.25	\$50.87	\$14.10
CITY OF PAWTUCKET	32 Monticello Place	29475	237470	\$695.47	\$26.66	\$78.18	\$0.00
CITY OF PAWTUCKET	32 Monticello Place	29475	244930	\$527.47	\$26.66	\$147.25	\$29.29
CITY OF PAWTUCKET	1 Moeller Place	30323	251710	\$3,045.90	\$582.87	\$272.15	\$29.29
CITY OF PAWTUCKET	474 Prospect St	30821	111670	\$7,138.43	\$1,356.60	\$494.41	\$73.77
CITY OF PAWTUCKET	Pawtucket Library	33183	124300	\$1,391.34	\$0.00	\$0.00	\$0.00
CITY OF PAWTUCKET	City Hall	33215	124480	\$5,032.45	\$0.00	\$0.00	\$774.48
CITY OF PAWTUCKET	497 Weeden St	34613	132450	\$2,306.27	\$7,877.74	\$6,943.20	\$29.29
CITY OF PAWTUCKET	Senior Center	38997	158250	\$1,146.70	\$0.00	\$0.00	\$0.00
CITY OF PAWTUCKET	265 Smithfield Ave	41309	245580	\$1,741.23	\$21.47	\$23.68	\$32.59
CITY OF PAWTUCKET	265 Smithfield Ave	41309	252580	\$5,564.43	\$444.08	\$200.51	\$23.68
CITY OF PAWTUCKET	486 Pleasant Street	44009	247760	\$5,227.00	\$830.82	\$40.11	\$32.59
PAWTUCKET SCHOOL DEPT	CURTIS	2513	7440	\$2,965.53	\$0.00	\$780.85	\$1,096.13
PAWTUCKET SCHOOL DEPT	WINTERS	11483	26000	\$4,214.82	\$0.00	\$1,153.69	\$1,017.14
PAWTUCKET SCHOOL DEPT	CURVIN/MCCABE	13843	30300	\$2,687.91	\$0.00	\$772.06	\$704.50
PAWTUCKET SCHOOL DEPT	POTTER	19381	52710	\$3,815.42	\$0.00	\$1,049.61	\$1,120.75
PAWTUCKET SCHOOL DEPT	POTTER	19381	245630	\$640.81	\$0.00	\$0.00	\$0.00
PAWTUCKET SCHOOL DEPT	GOFF	21833	64020	\$2,232.60	\$0.00	\$628.79	\$660.78
PAWTUCKET SCHOOL DEPT	TOLMAN	23819	71410	\$10,283.41	\$0.00	\$1,431.25	\$2,060.78
PAWTUCKET SCHOOL DEPT	TOLMAN	23819	243250	\$2,203.77	\$0.00	\$355.73	\$427.14
PAWTUCKET SCHOOL DEPT	LITTLE	25161	243300	\$2,517.51	\$0.00	\$737.77	\$773.99
PAWTUCKET SCHOOL DEPT	JENKS	25613	81740	\$3,654.54	\$0.00	\$954.32	\$1,061.63
PAWTUCKET SCHOOL DEPT	FALLON	29365	102400	\$1,226.65	\$0.00	\$321.04	\$357.20
PAWTUCKET SCHOOL DEPT	FALLON	29365	244060	\$640.81	\$0.00	\$0.00	\$0.00
PAWTUCKET SCHOOL DEPT	CUNNINGHAM	34571	226660	\$2,521.80	\$0.00	\$737.77	\$773.99
PAWTUCKET SCHOOL DEPT	SLATER	34573	248310	\$2,113.64	\$0.00	\$544.83	\$539.98
PAWTUCKET SCHOOL DEPT	ADMIN BLDG	39179	235670	\$1,005.85	\$0.00	\$216.96	\$540.70
PAWTUCKET SCHOOL DEPT	BALDWIN	40233	164950	\$5,858.53	\$0.00	\$1,752.28	\$1,676.81
PAWTUCKET SCHOOL DEPT	GREENE	41303	171200	\$4,653.35	\$0.00	\$841.45	\$180.10
PAWTUCKET SCHOOL DEPT	GREENE	41303	246690	\$640.81	\$0.00	\$0.00	\$0.00
PAWTUCKET SCHOOL DEPT	GREENE	41303	252470	\$754.93	\$0.00	\$0.00	\$0.00
PAWTUCKET SCHOOL DEPT	SHEA	43967	188200	\$6,155.65	\$0.00	\$2,819.01	\$10,592.88
PAWTUCKET SCHOOL DEPT	VARIEUR	44081	188780	\$2,364.40	\$0.00	\$676.77	\$714.43

**Billings from the City**

City of Pawtucket	Administrative support	\$197,281.09	\$0.00	\$0.00	\$0.00
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## PWSB

**Item 2.9 (n) (1)      Unaccounted for Water (HCF)**

<u>FY</u>		
<b>2009</b>	455,105	9.89%
<b>2008</b>	511,771	10.09%
<b>2007</b>	615,769	11.84%
<b>2006</b>	679,167	12.41%
<b>2005</b>	689,498	11.65%

**Item 2.9 (n) (3) Utilities Own Use of Water (HCF)**  
(last 5 years)

<b><u>FY</u></b>	<b>HCF</b>
<b>2009</b>	101,276
<b>2008</b>	113,843
<b>2007</b>	95,382
<b>2006</b>	83,527
<b>2005</b>	162,898

## **TABLE A – Status of Physical Plant**

### **PAWTUCKET WATER SUPPLY BOARD**

The Pawtucket Water Supply Board (PWSB) serves approximately 100,000 customers in a retail service area which includes the Cities of Pawtucket, Central Falls, and the Valley Falls section of Cumberland. The PWSB is responsible for the operation and maintenance of the systems in all of these areas.

The PWSB supplies water on a wholesale basis to the Town of Cumberland and also has emergency connection locations with East Providence, Providence, Lincoln, Seekonk, Cumberland, and Attleboro.

The water resources of the PWSB consist of both surface and groundwater within the Abbot Run watershed, which is a tributary of the Blackstone River. The watershed is comprised of approximately 28 square miles and lies within the Town of Cumberland in Rhode Island, and the towns of Wrentham, Plainville, Attleboro, and North Attleboro in the State of Massachusetts. Currently, the PWSB owns about 12% of the land in the Abbot Run watershed.

There are four surface water impoundments within the watershed along the Abbot Run River. From source to terminus, these impoundments are the Diamond Hill Reservoir, Arnold Mills Reservoir, Robin Hollow Pond, and the Happy Hollow Pond. In addition to the surface water sources, the PWSB also owns and operates eight wells within the watershed.

A new raw water pump station has been constructed and is used to pump water from the Happy Hollow pond to the new water treatment facility. The station consists of a new intake system, three raw water pumps, chemical addition, and an air stripping system to remove radon from PWSB groundwater sources. The water is pumped from the station to the treatment facility in a new 36" raw water pipeline. The existing 54" line was slip lined with a 36" HDPE line that provides a redundant raw water line.

The PWSB water treatment plant is located at 87 Branch St. in Pawtucket and replaces the treatment facility located in Cumberland. The treatment facility is operated by Earth Tech as part of a 20 year design, build, operate contract that was signed in 2004.

The new plant which was put into service on March 19, 2008, utilizes up flow clarification and deep bed carbon filtration as the method of treatment. The plant also includes chemical addition, chlorination, and ultra violet disinfection. The design flow of the treatment facility is 25 MGD and is expandable to 30 MGD. The new facility will allow the PWSB to comply with upcoming treatment regulations and will provide reliable, high quality water to our customers for many years to come. The new facility includes high service pumps that took the place of the main pump station located at 85 Branch Street. This main station will be kept in service as a backup pumping system.

Treated water leaves the treatment plant through a network of 12,16,20,24, and 36 inch water transmission mains. These transmission mains bring the treated water to all reaches of the system. A network of smaller diameter pipes then carries the water to customers, who receive water through service connections. There is approximately 260 miles of transmission and distribution system piping in the PWSB system. The transmission and distribution system also includes approximately 1900 fire hydrants and 6000 line valves.

The PWSB has three water storage facilities associated with the distribution system. A five million gallon concrete tank was constructed at 85 Branch Street in 2007. This tank provides the PWSB with storage on the eastern side of the system is also used to provide operational flexibility in treatment facility. A ten million gallon and a three million gallon tank are located at Stump Hill section of Lincoln. The ten million gallon steel tank was constructed in 1996 to replace the original open air 22 million gallon reservoir. The three million gallon steel tank located on Stump hill provides additional storage and both tanks are connected to the system through two 24 inch water lines.

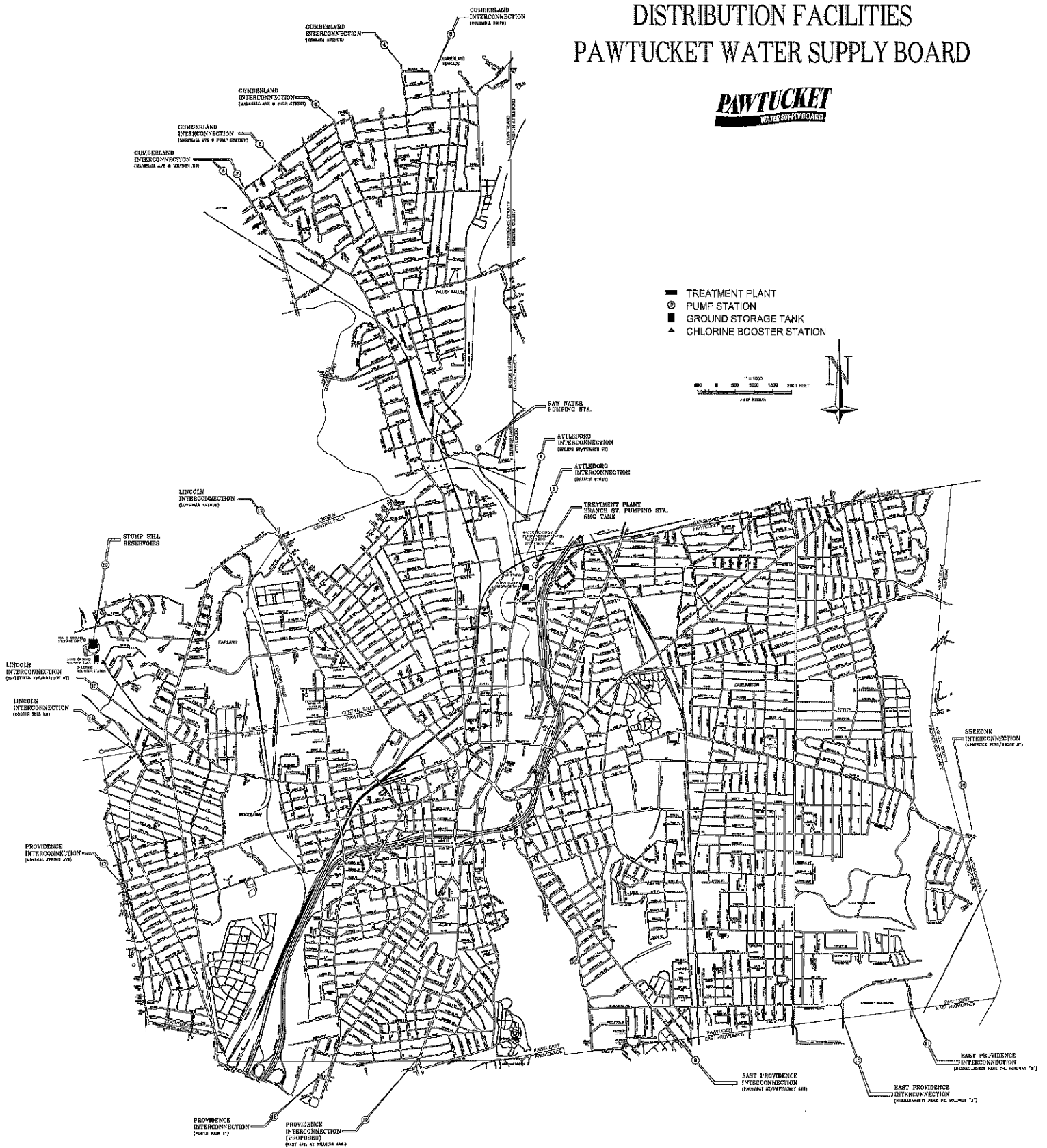
There are approximately 23,000 service connections in the PWSB system. Each connection consists of a corporation, service line, curb stop, and water meter. The PWSB is responsible for the repair and replacement of the service line located in the public right of way, which is typically up to the curb stop. The PWSB also owns all water meters which are two inches or less in size in the cities of Pawtucket and Central Falls. The PWSB customers in Cumberland own the water meters on their property. All meters currently have a radio meter interface units which will allow for the radio reading of water meters utilizing a vehicle mounted computer system.



## Water Supply Sources

Description / Name	Operational Status	Type	Hydrological Characteristics
Diamond Hill Reservoir	Active	Surface Water Reservoir	DA: 7.4 sq miles SA: 390 acres Vol: 3666 mg SE: 195.65 feet
Arnold Mills Reservoir	Active	Surface Water Storage	DA: 10.4 sq miles SA: 248 acres Vol: 1165 mg SE: 160.25 feet
Rawson Pond	Active	Surface Water Storage	12.4 mg
Howard Pond	Active	Surface Water Storage	Capacity is small and not used by the PWSB
Robin Hollow Pond	Active	Surface Water Storage	DA: 8.23 sq miles SA: 34 acres Vol: 87 mg SE: 53.50 feet
Happy Hollow Pond	Active	Surface Water Storage	DA: 0.87 sq miles SA: 22 acres Vol: 77 mg SE: 51.5 feet
Well No. 1	Abandoned	Manganese & Trichloroethylene [Contaminated]	N/A
Well No. 2	Inactive	Gravel-packed well	140 gpm
Well No. 2A	Active	Gravel packed well	208 gpm
Well No. 3	Active	Gravel-packed well	913 gpm
Well No. 4	Active	Gravel-packed well	680 gpm
Well No. 5	Active	Gravel-packed well	730 gpm
Well No. 6	Active	Gravel-packed well	652 gpm
Well No. 7	Active	Gravel-packed well	743 gpm
Well No. 8	Active	Gravel-packed well	652 gpm
Well No. 9	Active	Gravel-packed well	703 gpm
Well No. 10	Temporarily Inactive	Gravel-packed well	500 gpm
Well No. 11	Temporarily Inactive	Gravel-packed well	500 gpm
DA: Drainage Area	VOL: Volume		
SA: Surface Area	SE: Spillway Elevation		

**PAWTUCKET**  
**WATER SUPPLY BOARD**



## TABLE B - MAINTENANCE POLICY

### PAWTUCKET WATER SUPPLY BOARD

Water mains - There are approximately 265 miles of transmission and distribution piping in the PWSB distribution system. The system is shown in Attachment A. Prior to 1950, tar-coated Class C cast iron pipe (rated to 130 psi) was used in the distribution system. Unlined Class 250 was used until about 1958, when the standard became cement mortar lined cast iron pipe. In the 1960's, the standard pipe material became cement mortar lined Class 52 ductile iron pipe.

Observations of the lined pipe in the PWSB system show that the pipe remains in excellent condition. This supports the life expectancy of 80 years that the new lined pipe has been given by the PWSB in the IFR report.

Observations of the unlined cast iron pipe in the PWSB system have found the pipe to be structurally sound, even 120 years after installation. The condition of the interior of the pipe, in contrast, has accumulated a significant amount of tuberculation. This accumulation has reduced the carrying capacity of the water lines, increased the amount of rusty water in the system during disruptive system events, and can provide an environment for bacteria to reproduce.

The accumulation of material on the pipe interior was a major factor in the determination that the useful life of unlined cast iron pipe in the PWSB system is 80 years. However, pipe rehabilitation through a cleaning and lining process in which the accumulated material is scraped from the pipe and a mortar lining is placed on the pipe interior extends the life expectancy of the pipe significantly.

Roughly 17 % of the total mains in the PWSB system are constructed of unlined cast iron pipes. The rest are constructed of lined pipe, have been replaced with lined pipe, or have been cleaned and lined.

#### Miles of Water Mains in the PWSB System

	Unlined	Lined	Total
Pawtucket	33.1	172.4	205.5
Cumberland	1.7	33.9	35.6
Central Falls	9.6	15.0	24.6
Total	44.4	221.3	265.7

A study in 1990 by Weston and Sampson Engineers formulated a program for cleaning and lining the transmission lines (12" and larger) within the PWSB system to be funded with a ten million dollar bond through the Pawtucket Buildings Authority (PBA). The program, based on the 1971 Pitometer study, delineated a number of projects to be accomplished in two phases. In total, these two phases were planned to rehabilitate approximately 118,000 feet, or about 23 miles, of water transmission lines.

The first phase of the pipeline rehabilitation projects were begun in 1991. Although there were some modifications to the streets included in the projects, and the total quantities of pipe rehabilitated or replaced, the projects were essentially the same ones delineated in the Weston and Sampson report. There was a delay in the projects in 1992 due to a water contamination problem, but the projects continued through the early 1990s. A third phase rehabilitating 12 inch and smaller distribution mains, as all the 16 inch and larger transmission mains have been cleaned and cement lined, was completed in 1999. As constructed, the total amount of transmission and distribution lines that were rehabilitated or replaced by the three phased PBA pipe rehabilitation program is 65.7 miles. In addition, the PWSB has funded a number of rehabilitation projects with a pay as you go infrastructure restricted account. In 2004, the PWSB has turned to a new funding source, a low interest loan from the State of Rhode Island Drinking Water State Revolving Fund administered by the Rhode Island Clean Water Finance Agency. It is anticipated that the current capital improvement project financing program will stay in place until the entire distribution system is rehabilitated in 2014.

The PWSB, in addition to the cleaning and lining water main rehabilitation, is also continuing to replace turn of the century unlined cast iron pipe with lined ductile iron pipe. The primary sizes of lines included in these projects are 6 and 8 inch diameters. The standard new installation water main will be 8" class 52 ductile iron pipe.

Based on the life expectancy set by the PWSB for the existing cast iron lines in its' system, significant amounts of water line replacement will need to be continued. As shown below, there is currently about 44 miles of unlined water main that has reached the end of its' useful life and should be replaced as part of the capital improvement plan.

Miles of Pipe to be replaced

Pipe installed prior to 1900	16
Pipe installed between 1901 and 1910	17
Pipe installed between 1911 and 1920	<u>11</u>
Total	44

In total, there are 44.4 miles of unlined cast iron pipe in the Pawtucket system that needs to be relined/replaced due to the interior tuberculation that exists. In Central Falls alone there is approximately 20 miles of mains of which 10 miles need to be replaced and 2 miles need to be relined due to the interior tuberculation that exists.

Hydrants - In addition to the pipe in the PWSB transmission and distribution system, there are over 1,900 fire hydrants, as shown on the following breakdown:

Pawtucket	1,516
Cumberland	197
Lincoln	1
Central Falls	<u>202</u>
Total	1,916

The original system fire hydrants were manufactured by the Fales and Jenks Company and were installed between 1877 and 1931. These Fales and Jenks hydrants have all been replaced with more modern hydrants manufactured by the Mueller Company, with the final Fales and Jenks hydrant replaced in 1995.

The Mueller hydrants are better designed and constructed than the older Fales and Jenks models. A life expectancy of the Mueller hydrant has been estimated to be 75 years. Since the oldest Mueller fire hydrants in the PWSB system were installed in 1950, making them 46 years old, no additional replacement is planned for the next twenty years other than when they fall on a replacement/relining project street.

Valves - The valves in the PWSB system were of course originally installed when the water mains were installed. A valve operation program ensures that the valves in the system remain operable. The replacement of valves occur when they are found to be inoperable, and when the water main section in which they are a part are replaced or rehabilitated. The cost of these valve replacement is included in cost of the water main replacement or rehabilitation.

Customer Service Lines - The PWSB owns the portion of the customer service line that lies with in the public right of way, generally from the water main to a curb stop within the sidewalk area. There are about 20,930 such customer service lines in the PWSB system. There are also about 2,531 such lines in Central Falls, which are owned by and are the responsibility of the City of Central Falls.

The PWSB began using copper service lines in 1948. There has been an ongoing program at the PWSB to replace the non-copper lines installed prior to 1948, especially since federal and state lead regulations were promulgated. There was a contract with a construction company to replace service lines in the early 1990s, and the PWSB Transmission and Distribution Division replaces services as a part of their annual activities.

According to the PWSB records, there are currently about 400 non-copper service lines in the PWSB system. At the rate of 175 services per year replaced by the Transmission and Distribution Division, it will take approximately 3 years to complete the service line program. The service line replacement is part of the Transmission and Distribution Division annual operating budget.

Meters - The PWSB owns, maintains and replaces all customer service water meters two inches and smaller within the PWSB system in Pawtucket and Central Falls. In Cumberland, the meters are owned by the property owners. The PWSB has installed a radio meter reading device on the outside of each property in the PWSB system. Any future replacement and repair of the meters will be funded through the PWSB's Meter Division's IFR and operating budget.

**TABLE C Chemicals Used in Treatment Process**

**PAWTUCKET WATER SUPPLY BOARD**

<b><u>Chemical</u></b>	<b><u>Use</u></b>
1. Polymer	Clarification aid
2. Caustic	pH adjustment
3. Fluoride	Dental aid
4. Sodium Hypochlorite	Disinfection
5. Phosphate Polymer	Corrosion control
6. Lime	pH adjustment
7. Potassium Permanganate	Oxidation agent
8. Poly Aluminum Chloride	Coagulant Aid

The cost of these chemicals is included in payments the PWSB makes to Earth Tech under their operating contract.

## **Table D**

### **Policy Related to the Future Expansion and Renovation of the Physical Plant**

It is the policy of the Pawtucket Water Supply Board to assure that the system will continue to provide quality service to all of our customers. To that end, the PWSB has constructed a new 25 MGD water treatment facility. The new facility utilizes deep bed carbon filters along with up-flow clarifiers and ultra violet disinfection. The PWSB has also constructed a new raw water pumping station which pumps the water from the Happy Hollow reservoir to the water treatment facility. The station contains three pumps and various chemical feed systems as well as an air stripper to remove radon from the groundwater sources in the PWSB system. The project included the upgrade of the PWSB well system, construction of a new intake system, and a fine bubbler aeration system around the intake screens. Also included in the project was the renovation of the 54" transmission main between the existing plant and pump station and the construction of a parallel 36" transmission main to ensure system reliability. PWSB has constructed a five million gallon storage tank to provide pressure equalization, treatment plant flexibility, and increase system storage to recommended levels.

The next phase of the PWSB capital plan is to begin the process of rehabilitating our four major dams. We have completed a preliminary study of the dams that identified the necessary repairs. We have begun the design of the rehab of the Robin Hollow dam and will begin construction as soon as funding becomes available.

In addition, please see the PWSB's Capital Plan attached to the testimony of James L. DeCelles, P.E.