



PROVIDENCE WATER

Tap Water Delivers

September 2, 2015

The Hon. Jorge O. Elorza  
Mayor

Ricky Caruolo  
General Manager

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

RE: DK 4571-Providence Water Compliance Tariffs and Schedules

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Legal Advisor

Dear Mrs. Massaro:

Enclosed please find an original and nine copies of Providence Water's compliance tariffs and schedules to implement the Commission's ruling at the August 28, 2015 open meeting for consumption on and after September 1, 2015.

Providence Water's attached tariffs are a complete set; the only change is to Schedule B for consumption on retail metered sales.

If you have any questions I can be reached at 521-6300, extension 7217.

Sincerely,

Mary L. Deignan-White  
Senior Manager of Regulatory

**MEMBER**

Rhode Island Water Works Assn.  
New England Water Works Assn.  
American Water Works Assn.  
Water Research Foundation

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**(401) 521-6300**

552 Academy Avenue  
Providence, RI 02908

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cc: Dk 4571 Service List  
File

# PROVIDENCE WATER SUPPLY BOARD TARIFF

September 1, 2015

RI Public Utilities Commission Docket No. 4571

## TARIFF SCHEDULES

### Schedule

- |   |   |
|---|---|
| A | Service Charges – Retail                    |
| B | Metered Sales – Retail                      |
| C | Bulk Sales to Public Authorities for Resale |
| D | Public Fire Protection                      |
| E | Private Fire Service                        |
| F | Miscellaneous Charges                       |

**SCHEDULE A**

**Providence Water Supply Board  
Service Charges  
Retail**

**Rhode Island Public Utilities Commission Docket No. 4571**

Effective: September 1, 2015

Applicability

Applicable to all metered customers for industrial, commercial and residential use, exclusive of fire service connection, in the Providence Water Supply Board service area.

Rates

For each service connected to the Providence Water Supply Board mains, the following customer service charges shall apply:

<u>Size of Meter</u>	<u>Monthly</u>
5/8"	\$ 7.89
3/4	8.32
1	9.58
1 ½	11.27
2	15.91
3	50.10
4	62.77
6	92.31
8	126.08
10	156.68
12	187.28

However, for each Providence Water service connected in the City of Providence the following additional Fire Protection service charge shall apply to Providence ratepayers:

<u>Size of Meter</u>	<u>Monthly</u>
5/8"	\$ 1.20
3/4	1.80
1	4.48
1 ½	11.95
2	28.66
3	77.62
4	131.35
6	268.67
8	405.99
10	620.93
12	1,026.91

Terms of Payment

All customer service charges are billed monthly and are due and payable when rendered. Interest at a rate of 1% per month will be charged on unpaid account balances over 30 days from due date.

**SCHEDULE B**

**Providence Water Supply Board  
Metered Sales  
Retail**

**Rhode Island Public Utilities Commission Docket No. 4571**

Effective: September 1, 2015

Applicability

Applicable to all general metered water service in the Providence Water Supply Board service area.

Rates

For all quantities used, except for bulk sales to public authorities for resale, the following rates per HCF shall apply:

Monthly Accounts

Residential	\$3.044
Commercial	\$2.901
Industrial	\$2.848

Terms of Payment

All metered sales bills are rendered in arrears monthly and are due and payable in full when rendered.

Interest at a rate of 1% per month will be charged on unpaid account balances over 30 days from due date.

**SCHEDULE C**

**Providence Water Supply Board  
Bulk Sales to Public Authorities for Resale**

**Rhode Island Public Utilities Commission Docket No. 4571**

Effective: September 1, 2015

Applicability

Applicable to all public authorities in the Providence Water Supply Board service area purchasing water for resale.

Rates-Volume Charge

\$1,731.16 per million gallons, or  
\$1.294904 per HCF

Terms of Payment

All bills for bulk sales are rendered monthly in arrears and are due and payable in full when rendered.

Interest at a rate of 1% per month will be charged on unpaid account balances over 30 days from due date

**SCHEDULE D**

**Providence Water Supply Board  
Public Fire Protection**

**Rhode Island Public Utilities Commission Docket No. 4571**

Effective: September 1, 2015

Applicability

Applicable to all service to public fire hydrants in the Providence Water Supply Board service area.

Rates

For each hydrant: \$394.80

For each hydrant in Providence, as allowed by statute: \$0

Terms of Payment

All bills for public fire service are rendered quarterly and are due and payable in full when rendered.

Interest at a rate of 1% per month will be charged on unpaid account balances over 30 days from due date.

**SCHEDULE E**

**Providence Water Supply Board  
Private Fire Service**

**Rhode Island Public Utilities Commission Docket No. 4571**

Effective: September 1, 2015

Applicability

Applicable for service to private fire protection appliances owned and maintained by the customer in the Providence Water Supply service area.

Rates

For each fire service connection to the Providence Water Supply Board mains, the following charges shall apply:

<u>Size of Service</u>	<u>Monthly</u>
3/4"	\$ 7.51
1	8.88
1 ½	10.93
2	16.21
4	69.28
6	112.95
8	171.07
10	238.31
12	319.69
16	531.68

Terms of Payment

All bills for private fire services are rendered monthly and are due and payable in full when rendered.

Interest at a rate of 1% per month will be charged on unpaid account balances over 30 days from due date.

**SCHEDULE F  
PROVIDENCE WATER  
TERMS & CONDITIONS  
SERVICE FEE SCHEDULE  
(effective September 1, 2015)  
page 1 of 2**

**NOTE:** All applicants must complete financial arrangements prior to services being rendered. Applicants are responsible for obtaining and paying for all permits and any additional fees.

<b>SERVICE</b>	<b>FEE</b>
<b>PHOTOCOPYING</b>	
Distribution Sheet	\$ 3.00/copy
Letter or Legal Size Document	\$ .15/copy
<b>LIEN CERTIFICATE</b>	\$ 6.00
<b>RETURNED CHECK FEE</b>	\$ 20.00
<b>PLAN CHECKING/WATER AVAILABILITY REVIEW</b>	\$ 57.00/hour
<b>EASEMENT/ABANDONMENT REQUEST</b>	\$ 50.00/hour
<b>FIRE HYDRANT FLOW TEST</b>	\$ 118.00
<b>NEW WATER SERVICE INSTALLATION - BASIC</b>	
1" Water Service	\$1,673.00
1 ½" Water Service	2,596.00
2" Water Service	2,931.00
4" Water Service	3,700.00
6" Water Service	3,998.00

**NEW WATER SERVICE INSTALLATION - SPECIAL CIRCUMSTANCES**

All services greater than 6" will be installed and charged on a time and materials basis, consistent with the methodology used in computing the above service charges. **Notwithstanding the above schedule**, any sites where special circumstances may be encountered (ie. ledge, special fittings, routing around other utilities) will also be charged on a time and materials basis. The average time rate for all manpower and equipment (including overhead) averages approximately \$400/hr.

**PAVEMENT/SIDEWALK RESTORATION CHARGES**

Applicants are responsible for all *actual* road and/or sidewalk restoration charges, as the charge varies with the size of the excavation and the pavement thickness. For illustrative purposes, on average, the charge is approximately \$300 for pavement restoration and \$75 for sidewalk.

**SCHEDULE F  
PROVIDENCE WATER  
TERMS & CONDITIONS  
SERVICE FEE SCHEDULE  
(effective September 1, 2015)  
page 2 of 2**

<b>SERVICE</b>	<b>FEE</b>
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**POLICE DETAILS**

If the work being performed presents a safety hazard and it is necessary to employ police details for traffic control, the applicant will be responsible for such costs at the then current rate of the respective Town or City. For illustrative purposes, the hourly detail rates as of February 20, 2013 are as follows:

Cranston	\$40.55
Johnston	44.36
North Providence	41.62
Providence	52.89

**NEW WATER METER INSTALLATION - INCLUDING ERT**

5/8" Meter	\$ 184.00
3/4" Meter	230.00
1" Meter	266.00
1 1/2" Meter	457.00
2" Meter	545.00

All meters greater than 2" will be charged on an actual time and materials basis.

NEW ERT - ALL METER SIZES	\$ 109.00
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(Applies only to existing ERT's that are lost, stolen, or damaged by customers. There is no charge to retro-fit an existing meter to AMR technology.)

SERVICE SHUTOFF FEE	\$ 64.00
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SERVICE RESTORATION FEE	\$ 43.00
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SPECIAL REQUESTS FOR SERVICES NOT LISTED ABOVE THAT DO NOT BENEFIT ALL CUSTOMERS	Billed at actual Cost plus overhead Rates in effect
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**Schedule HJS-1 Compliance  
Cost of Service Summary**

	Existing Rates		Rates	
	Second Revised Settlement	Adjustments	Effective 9/1/2015	
<b>Revenue</b>				
Service Charge	\$ 7,425,283	\$ -	\$ 7,425,283	
Retail Sales	\$ 37,194,486	\$ 2,118,540	\$ 39,313,026	
Wholesale Sales	\$ 16,702,792	\$ -	\$ 16,702,792	
Private Fire Protection	\$ 2,630,126	\$ -	\$ 2,630,126	
Retail FPSC	\$ 1,276,826	\$ -	\$ 1,276,826	
Public Fire Protection	\$ 1,118,074	\$ -	\$ 1,118,074	
Miscellaneous Revenue	\$ 1,179,169	\$ -	\$ 1,179,169	D
Other	\$ -	\$ -	\$ -	E
<b>TOTAL REVENUE</b>	<b>\$ 67,526,756</b>	<b>\$ 2,118,540</b>	<b>\$ 69,645,296</b>	
Total Rate Revenues	\$ 66,347,587	\$ 2,118,540	\$ 68,466,127	
<b>Expenses</b>				
Operations and Maintenance	\$ 28,974,912	\$ -	\$ 28,974,912	
Insurance	\$ 1,802,547	\$ -	\$ 1,802,547	
Chemical & Sludge	\$ 4,500,000	\$ -	\$ 4,500,000	
City Service	\$ 839,167	\$ -	\$ 839,167	
Property Taxes	\$ 6,487,515	\$ -	\$ 6,487,515	
Capital Reimbursement	\$ (2,091,772)	\$ -	\$ (2,091,772)	
Net Operations	\$ 40,512,369	\$ -	\$ 40,512,369	C
Capital Fund	\$ 50,000	\$ 2,077,000	\$ 2,127,000	
Western Cranston	\$ 62,069	\$ -	\$ 62,069	
Infrastructure Replacement Fund	\$ 24,000,000	\$ -	\$ 24,000,000	
Cash-Funded AMR/Meter Repl. Fund	\$ 1,000,000	\$ -	\$ 1,000,000	
Equipment Replacement Fund	\$ 600,000	\$ -	\$ 600,000	
Property Tax Refund Fund	\$ -	\$ -	\$ -	
Revenue Reserve Fund (Restricted)	\$ 325,226	\$ 10,385	\$ 335,611	B
Capital	\$ 26,037,295	\$ 2,087,385	\$ 28,124,680	A
<b>TOTAL EXPENSES</b>	<b>\$ 66,549,664</b>	<b>\$ 2,087,385</b>	<b>\$ 68,637,049</b>	
Operating Reserve (Unrestricted)	\$ 975,679	\$ 31,155	\$ 1,006,834	
<b>Total Cost of Service</b>	<b>\$ 67,525,343</b>	<b>\$ 2,118,540</b>	<b>\$ 69,643,883</b>	
<b>Revenues Over (Under) Expenses</b>	<b>\$ 1,413</b>		<b>\$ 1,413</b>	
Total Increase to Break-Even			3.14%	
Rate Revenue Increase to Break-Even			3.19%	

## Notes:

\*Revenue Reserve Restricted is ((A-B+C)-(D+E))\* .005

\*Operating Reserve (Unrestricted) is ((A-B+C)-(D+E))\* .015

\*Revenue surplus results from rounding

**Schedule HJS-2 Compliance  
Typical Bill Comparison**

**Comparison of Typical Annual Charges**

	Rates Effective 9/1/2015	Existing Rates	% Change
<b>Residential - (5/8" Meter, 100 HCF)</b>			
Service Charge	\$ 94.68	\$ 94.68	0.0%
Volume Charge	\$ 304.45	\$ 288.00	5.7%
<b>Total</b>	<b>\$ 399.13</b>	<b>\$ 382.68</b>	<b>4.3%</b>
<b>Commercial - (2" Meter, 2,000 HCF)</b>			
Service Charge	\$ 190.92	\$ 190.92	0.0%
Volume Charge	5,801.38	\$ 5,488.00	5.7%
<b>Total</b>	<b>\$ 5,992.30</b>	<b>\$ 5,678.92</b>	<b>5.5%</b>
<b>Industrial - (6" Meter, 10,000 HCF)</b>			
Service Charge	\$ 1,107.72	\$ 1,107.72	0.0%
Volume Charge	\$ 28,481.31	\$ 26,950.00	5.7%
<b>Total</b>	<b>\$ 29,589.03</b>	<b>\$ 28,057.72</b>	<b>5.5%</b>

**Schedule HJS-3 Compliance  
Revenue Proof**

**Revenue Proof**

Net Operations & Maintenance Expense	\$	33,185,687
Capital Expense	\$	27,789,069
City Services Expense	\$	839,167
Property Taxes Expense	\$	6,487,515
Total Expenses Allocated	\$	68,301,438
plus: Net Operating Revenue	\$	1,342,445
<b>Net Revenue Requirement</b>	<b>\$</b>	<b>69,643,883</b>
Retail		
Monthly Service Charge	\$	7,425,283
Retail FPSC	\$	1,276,826
Volume Charge		
Residential	\$	25,931,493
Commercial	\$	12,841,401
Industrial	\$	540,132
Total Retail	\$	48,015,135
Wholesale		
East Providence	\$	2,656,220
East Smithfield	\$	376,854
Greenville	\$	561,313
Kent County	\$	3,414,049
Smithfield	\$	544,729
Warwick	\$	5,517,993
Lincoln	\$	1,333,225
Johnston	\$	363,540
Bristol County	\$	1,934,869
Total Wholesale	\$	16,702,792
Fire Protection		
Private Fire Protection	\$	2,630,126
Public Fire Protection	\$	1,118,074
Total Fire Protection	\$	3,748,200
Total Rate Revenues	\$	68,466,127
Miscellaneous Revenues	\$	1,179,169
<b>Total Revenues</b>	<b>\$</b>	<b>69,645,296</b>
<b>Total Surplus / (Deficit)</b>	<b>\$</b>	<b>1,413</b>

Note: Surplus due rounding

**Schedule HJS-4 Compliance  
Retail Consumption Revenue Proof**

**Revenue Proof: Retail Consumption Tarriffs**

	Consumption	Current Rates	Rates Effective 9/1/2015	Calculated Revenue
Residential	8,517,528	\$2.880	\$ 3.044	\$ 25,931,493
Commercial (HCF)	4,427,015	\$2.744	\$ 2.901	\$ 12,841,401
Industrial (HCF)	189,644	\$2.695	\$ 2.848	\$ 540,132
<b>Total</b>	<b>13,134,187</b>			<b>\$ 39,313,026</b>

**Schedule HJS-5 Compliance  
Detailed Revenue Proof**

Billing Unit	Units of Service	Rates Existing	Rates Eff. 9/1/2015	Revenue Existing	Revenue Eff. 9/1/2015
<b>Retail Consumption Charges</b>					
Residential (HCF)	8,517,528	\$ 2.880	\$ 3.044	\$ 24,534,070	\$ 25,931,493
Commercial (HCF)	4,427,015	\$ 2.744	\$ 2.901	\$ 12,149,391	\$ 12,841,401
Industrial (HCF)	189,644	\$ 2.695	\$ 2.848	\$ 511,024	\$ 540,132
<b>Total</b>	<b>13,134,187</b>			<b>\$ 37,194,486</b>	<b>\$ 39,313,026</b>

<b>Wholesale Consumption Charges</b>					
Consumption (HCF)	12,898,865	1.294904	1.294904		
Gallons (Million)	9,648	\$ 1,731.16	\$ 1,731.16	\$ 16,702,792	\$ 16,702,792

Billing Unit	Units of Service	Rates Existing	Rates Eff. 9/1/2015	Revenue Existing	Revenue Eff. 9/1/2015
<b>Monthly Service Charges</b>					
5/8"	53,152	\$ 7.89	\$ 7.89	\$ 5,032,431	\$ 5,032,431
3/4"	10,645	\$ 8.32	\$ 8.32	\$ 1,062,797	\$ 1,062,797
1"	5,067	\$ 9.58	\$ 9.58	\$ 582,502	\$ 582,502
1.5"	1,495	\$ 11.27	\$ 11.27	\$ 202,184	\$ 202,184
2"	1,536	\$ 15.91	\$ 15.91	\$ 293,253	\$ 293,253
3"	108	\$ 50.10	\$ 50.10	\$ 63,727	\$ 63,727
4"	39	\$ 62.77	\$ 62.77	\$ 29,376	\$ 29,376
6"	76	\$ 92.31	\$ 92.31	\$ 84,187	\$ 84,187
8"	44	\$ 126.08	\$ 126.08	\$ 66,570	\$ 66,570
10"	2	\$ 156.68	\$ 156.68	\$ 3,760	\$ 3,760
12"	2	\$ 187.28	\$ 187.28	\$ 4,495	\$ 4,495
<b>Total</b>	<b>72,164</b>			<b>\$ 7,425,283</b>	<b>\$ 7,425,283</b>

Billing Unit	Units of Service	Rates Existing	Rates Eff. 9/1/2015	Revenue Existing	Revenue Eff. 9/1/2015
<b>Monthly Fire Protection Service Charge (Providence Only)</b>					
5/8"	25,267	\$ 1.20	\$ 1.20	\$ 363,845	\$ 363,845
3/4"	4,207	\$ 1.80	\$ 1.80	\$ 90,871	\$ 90,871
1"	1,998	\$ 4.48	\$ 4.48	\$ 107,412	\$ 107,412
1.5"	896	\$ 11.95	\$ 11.95	\$ 128,486	\$ 128,486
2"	901	\$ 28.66	\$ 28.66	\$ 309,872	\$ 309,872
3"	69	\$ 77.62	\$ 77.62	\$ 64,269	\$ 64,269
4"	19	\$ 131.35	\$ 131.35	\$ 29,948	\$ 29,948
6"	30	\$ 268.67	\$ 268.67	\$ 96,721	\$ 96,721
8"	16	\$ 405.99	\$ 405.99	\$ 77,950	\$ 77,950
10"	1	\$ 620.93	\$ 620.93	\$ 7,451	\$ 7,451
12"	-	\$ 1,026.91	\$ 1,026.91	\$ -	\$ -
<b>Total</b>	<b>33,404</b>			<b>\$ 1,276,826</b>	<b>\$ 1,276,826</b>

**Total Service Charge** **\$ 8,702,109** **\$ 8,702,109**

<b>Private Fire Service Charges</b>					
3/4"	3	\$7.51	\$7.51	\$ 270	\$ 270
1"	10	\$8.88	\$8.88	\$ 1,066	\$ 1,066
1.5"	3	\$10.93	\$10.93	\$ 393	\$ 393
2"	50	\$16.21	\$16.21	\$ 9,726	\$ 9,726
4"	349	\$69.28	\$69.28	\$ 290,145	\$ 290,145
6"	1,272	\$112.95	\$112.95	\$ 1,724,069	\$ 1,724,069
8"	254	\$171.07	\$171.07	\$ 521,421	\$ 521,421
10"	4	\$238.31	\$238.31	\$ 11,439	\$ 11,439
12"	17	\$319.69	\$319.69	\$ 65,217	\$ 65,217
16"	1	\$531.68	\$531.68	\$ 6,380	\$ 6,380
<b>Total</b>	<b>1,963</b>			<b>\$ 2,630,126</b>	<b>\$ 2,630,126</b>

**Public Fire Service Charges**  
Hydrants (Excluding Providenc **\$ 1,118,074** **\$ 1,118,074**

**Total Rate Revenues** **\$ 66,347,587** **\$ 68,466,127**

Miscellaneous Revenues **\$ (1,179,169)** **\$ (1,179,169)**  
**Total Revenues** **\$ 67,526,756** **\$ 69,645,296**