



# Annual Water and Sewer Retail Rate Survey

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**The Community Advisory Board to the  
Massachusetts Water Resources Authority**

**2014**



***The MWRA Advisory Board...***

was established by the state Legislature to represent the 60 communities in the MWRA service area. Through annual comments and recommendations on the Authority's proposed capital and current expense budgets and rates, the Advisory Board provides a ratepayer perspective on the MWRA's plans and policies to improve the region's water and sewer systems.

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E-mail: [mwra.ab@mwraadvisoryboard.com](mailto:mwra.ab@mwraadvisoryboard.com)

or visit the Advisory Board's website at:

<http://www.mwraadvisoryboard.com>

**Advisory Board**  
**Communities:**

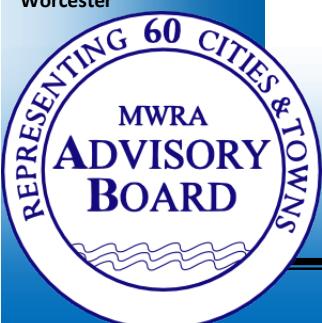
Arlington  
Ashland  
Bedford  
Belmont  
Boston  
Braintree  
Brookline  
Burlington  
Cambridge  
Canton  
Chelsea  
Chicopee  
Clinton  
Dedham  
Everett  
Framingham  
Hingham  
Holbrook  
Leominster  
Lexington  
Lynn  
Lynnfield  
Malden  
Marblehead  
Marlborough  
Medford  
Melrose  
Milton  
Nahant  
Natick  
Needham  
Newton  
Northborough  
Norwood  
Peabody  
Quincy  
Randolph  
Reading  
Revere  
Saugus  
Somerville  
South Hadley  
Southborough  
Stoneham  
Stoughton  
Swampscott  
Wakefield  
Walpole  
Waltham  
Watertown  
Wellesley  
Weston  
Westwood  
Weymouth  
Wilbraham  
Wilmington  
Winchester  
Winthrop  
Woburn  
Worcester

# MWRA Advisory Board

**2014**

## Annual Water and Sewer Retail Rate Survey

*Joseph E. Favaloro*  
Executive Director



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## Introduction

This is the twenty-eighth "Annual Water and Sewer Retail Rate Survey" prepared by the Massachusetts Water Resources Authority (MWRA) Advisory Board, providing a comparative snapshot of water and sewer retail rates for each community in the MWRA service area. In addition, the survey also incorporates rate information from Massachusetts communities outside of the MWRA service area, as well as other cities nationwide. The survey was prepared by Travis Ahern, Matthew Romero and Mary Ann McClellan of the Advisory Board staff.

The Rate Survey is typically the Advisory Board's most requested document. We hope that municipal officials, water and sewer industry professionals, and concerned citizens continue to find the information presented in the survey useful and informative. As always, we welcome any questions or suggestions regarding this survey, which will allow us to improve the document for future years. Please do not hesitate to call our office at (617) 788-2050, or email us at [mwra.ab@mraadvisoryboard.com](mailto:mwra.ab@mraadvisoryboard.com) with your feedback. Copies of this document are available at our website in PDF format at <http://www.mraadvisoryboard.com>.

## Average Water and Sewer Rates

Historically, the survey has focused upon the average annual household use based on the industry standard of 120 hundred cubic feet (HCF), or approximately 90,000 gallons (90 kgal) to track retail rate increases over time. For historical purposes this constant is maintained throughout the document; however, in recognition of the variability of actual household usage by community, the Advisory Board for several years has provided a comparative assessment of actual costs for water and sewer retail rate customers. The actual usage number is calculated by MWRA staff and is based primarily on residential consumption reported by each community in their annual Public Water Supply Annual Statistic Report filed with the Massachusetts Department of Environmental Protection, and the total population and average household size for each community based on data from the U.S. Census Bureau. The full calculation and source data can be found in Appendix C. Prior to 2009, this information had only been presented in Appendix C of the survey.

In July 2008, the Advisory Board staff convened a "focus group," including members of the Advisory Board, MWRA staff, and Advisory Board staff, to discuss the survey's method of reporting retail rate increases. After eliciting responses from both the American Water Works Association (AWWA) and its members, the group agreed to maintain a constant standard (120 HCF) for historical comparisons while creating additional references to the information contained in Appendix C. Now, in an effort to provide a more complete depiction of the various means by which retail water and sewer rates can be calculated, the information previously contained in Appendix C has been placed in each MWRA community's profile page.

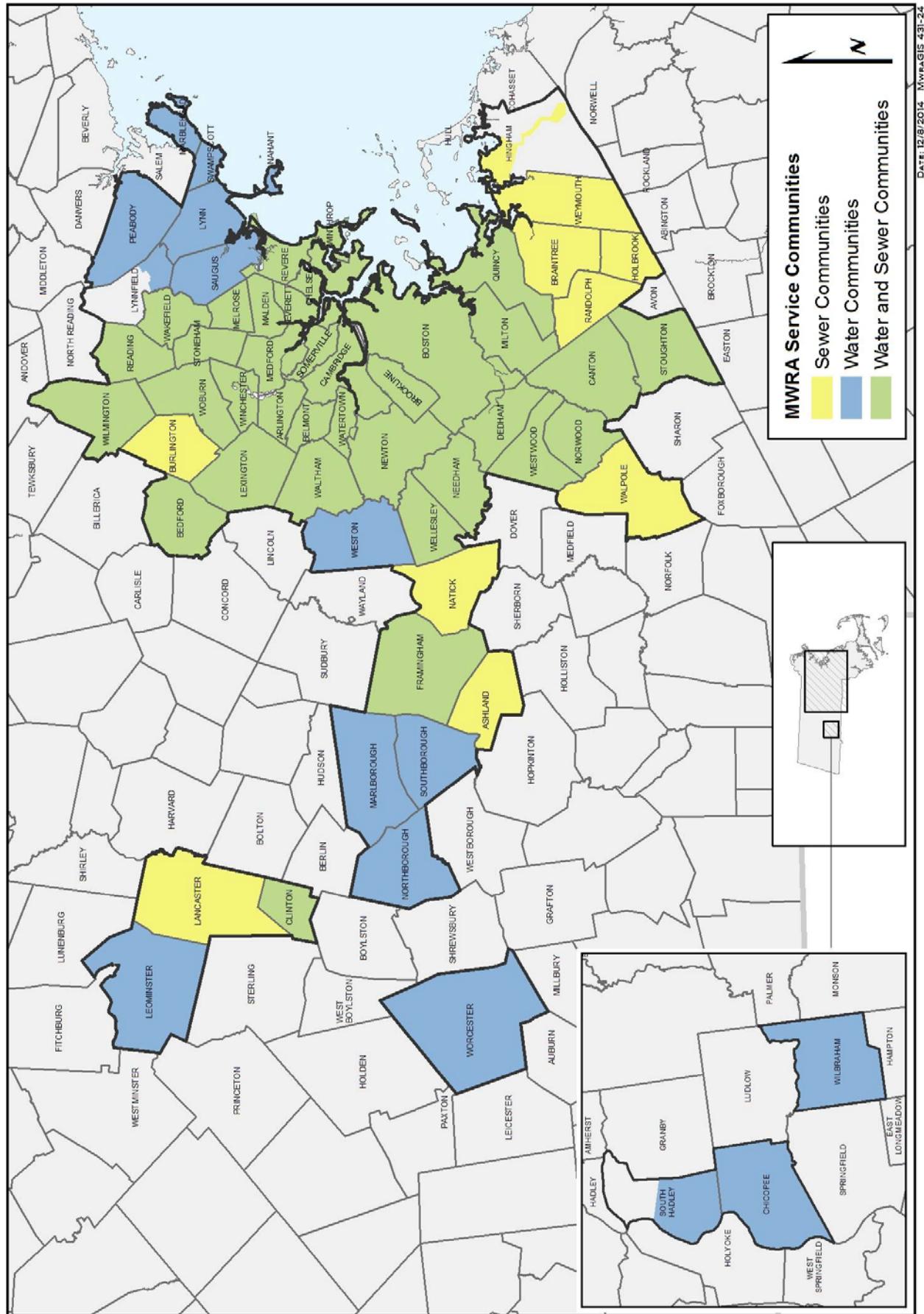
## The MWRA Advisory Board

The MWRA Advisory Board was created by the Massachusetts Legislature in 1984 to represent the interests of Massachusetts Water Resources Authority service area communities. The Advisory Board includes one representative from each of the 60 communities that receive water and/or sewer services from the MWRA and one from the Metropolitan Area Planning Council. In addition, six members are appointed by the Governor to include a person with skills and expertise in matters relating to environmental protection, one representative each from the Connecticut River Basin, the Quabbin/Ware Watershed areas and the Wachusett Watershed area, plus two persons qualified by membership or affiliation in organizations concerned with the recreational or commercial uses of the Boston Harbor.

The Massachusetts Legislature has delegated specific responsibilities to the Advisory Board who, in turn, monitor the MWRA's programs from a ratepayer perspective:

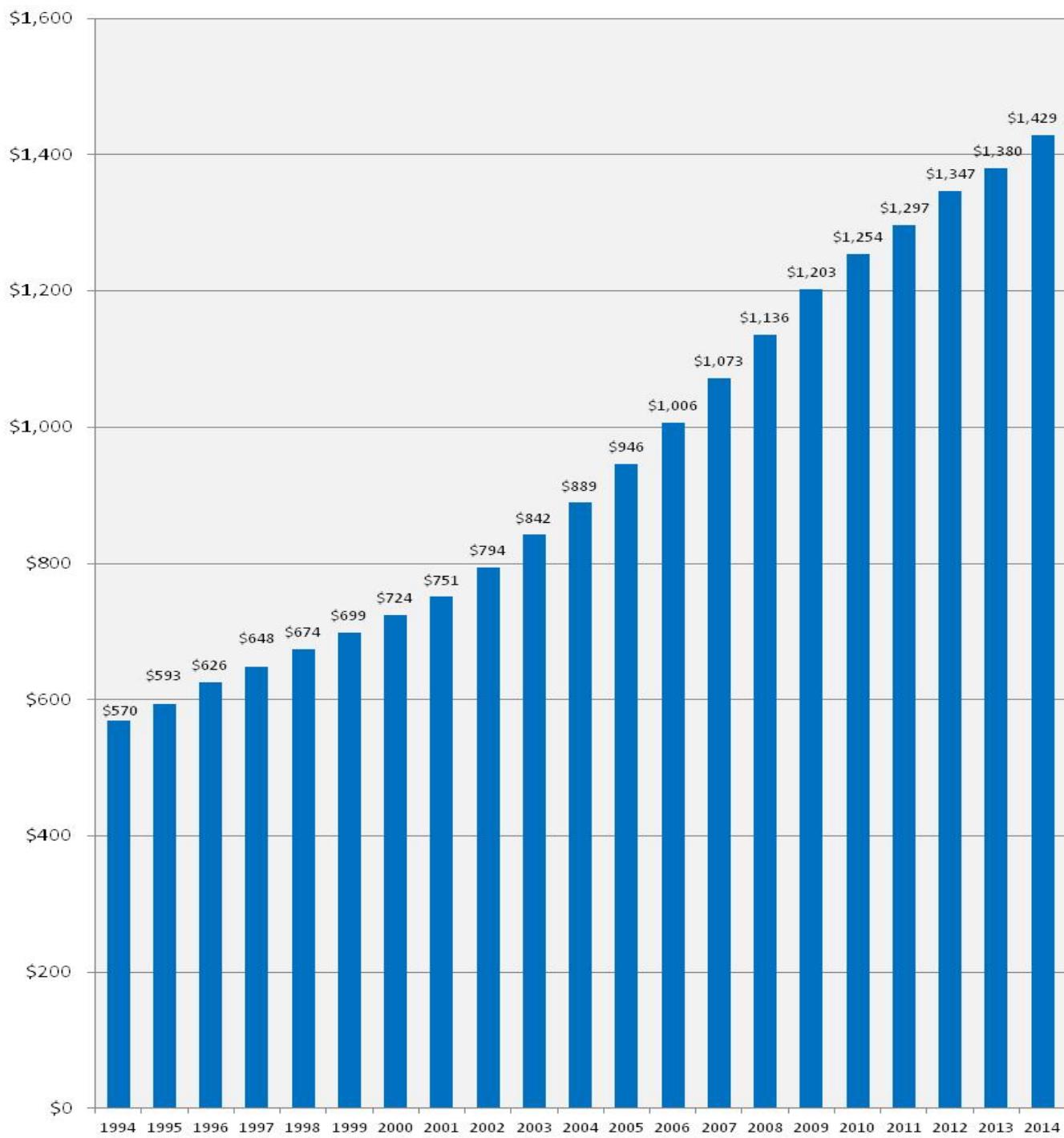
- Serving as a watchdog over the MWRA to ensure proper management and budgetary control;
- Making recommendations on annual expense budgets, capital improvement programs, business planning, and user charges;
- Holding hearings on matters relating to the MWRA and making subsequent recommendations to the Governor and the Legislature; and,
- Appointing three individuals to the eleven member MWRA Board of Directors.

# MWRA COMMUNITY 2014 WATER AND SEWER CHARGES



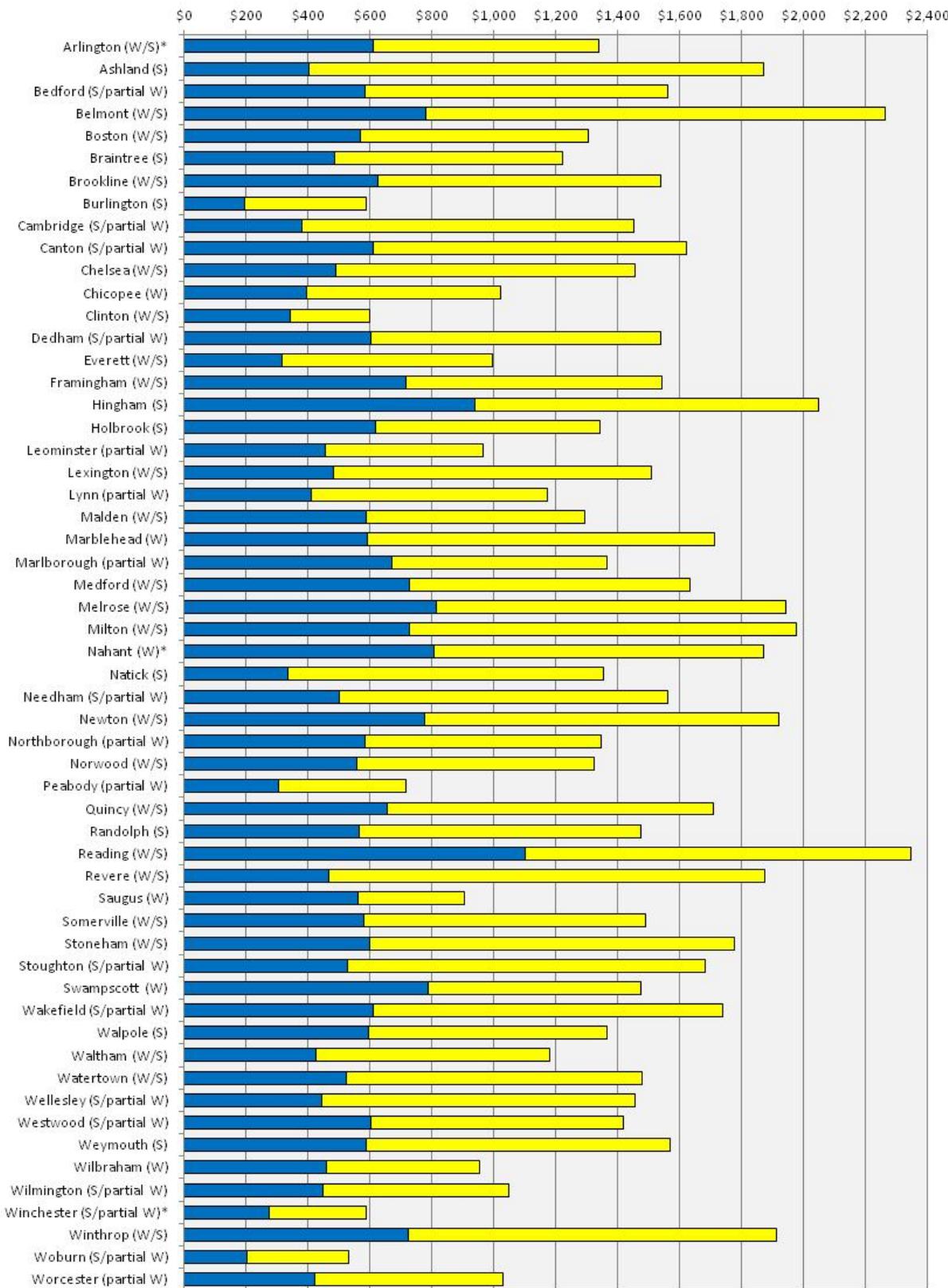
# Combined Annual Water & Sewer Charges in MWRA Communities 1994 – 2014

(Consumption at 120 HCF ≈ 90 kgal)



# 2014 Combined Retail Water & Sewer Community Charge Comparisons

(Consumption at 120 HCF ≈ 90 kgal)



(\* ) Indicates community that utilizes the debt service exclusion as permitted under General Law 59 Section 21 C(n)

<b>MWRA SYSTEMWIDE SUMMARY DATA</b>		
<b>2014</b>		
	<b>2013</b>	<b>2014</b>
Avg. combined water and sewer cost	\$1,379.98	\$1,428.92
Percent change from prior year	3.2%	3.5%
<b><u>WATER BILLING FREQUENCY</u></b>		
Semi-Annual	10	9
Tri-Annual	2	2
Quarterly	41	41
Bi-Monthly	2	2
Monthly	5	6
<b><u>WATER RATE STRUCTURE</u></b>		
Ascending Block with Base/Minimum Charge	34	34
Ascending Block only	11	12
Flat Rate with Base/Minimum Charge	6	7
Flat Rate only	8	6
Fixed Fee	1	1
<b><u>SENIOR CITIZEN/LOW-INCOME DISCOUNTS</u></b>		
Senior Discount	15	
Low-Income Discount	7	
Both	9	
Neither	29	
<b><u>DEBT SERVICE EXCLUSION</u></b>		
	3	3
<b><u>CHANGES IN COMBINED WATER AND SEWER CHARGES</u></b>		
Decrease	3	0
No change	18	18
0% to 10% increase	36	40
10% to 20% increase	3	1
20% to 30% increase	0	1
30% to 40% increase	0	0
40% to 50% increase	0	0
Greater than 50% increase	0	0

ANNUAL WATER AND SEWER CHARGES IN COMMUNITIES RECEIVING SERVICES FROM THE MWRA 2014		
	Water	Sewer
Arlington (W/S)*	\$611.20	\$730.04
Ashland (S)	-	1,467.60
Bedford (S/partial W)	587.00	977.00
Belmont (W/S)	782.68	1,482.76
Boston (W/S)	570.71	733.96
Braintree (S)	-	735.40
Brookline (W/S)	627.40	913.40
Burlington (S)	-	391.50
Cambridge (S/partial W)	380.00	1,074.40
Canton (S/partial W)	610.00	1,013.60
Chelsea (W/S)	492.00	963.60
Chicopee (W)	396.00	-
Clinton (W/S)	343.60	257.70
Dedham (S/partial W)	603.96	937.28
Everett (W/S)	316.00	681.60
Framingham (W/S)	716.04	827.40
Hingham (S)	-	1,110.00
Holbrook (S)	-	724.80
Leominster (partial W)	455.84	-
Lexington (W/S)	483.20	1,024.80
Lynn (partial W)	412.92	-
Lynfield (W)	360.80	-
Malden (W/S)	588.48	706.92
Marblehead (W)	593.00	-
Marlborough (partial W)	672.00	-
Medford (W/S)	727.20	908.40
Melrose (W/S)	814.00	1,128.56
Milton (W/S)	728.16	1,247.52
Nahant (W)*	806.40	-
Natick (S)	-	1,017.20
Needham (S/partial W)	502.20	1,061.40
Newton (W/S)	776.40	1,144.40
Northborough (partial W)	587.08	-
Norwood (W/S)	559.92	765.72
Peabody (partial W)	306.00	-
Quincy (W/S)	656.40	1,054.20
Randolph (S)	-	906.00
Reading (W/S)	1,100.40	1,245.60
Revere (W/S)	469.20	1,405.20
Saugus (W)	562.66	-
Somerville (W/S)	581.25	908.16
South Hadley (W)	450.80	-
Southborough (W)	410.32	-
Stoneham (W/S)	600.00	1,176.00
Stoughton (S/partial W)	529.44	1,152.00
Swampscott (W)	788.00	-
Wakefield (S/partial W)	610.20	1,128.60
Walpole (S)	-	770.02
Waltham (W/S)	428.64	753.00
Watertown (W/S)	523.48	954.00
Wellesley (S/partial W)	445.68	1,011.60
Weston (W)	279.00	-
Westwood (S/partial W)	603.96	815.00
Weymouth (S)	-	977.72
Wilbraham (W)	462.00	-
Wilmington (S/partial W)	449.60	598.80
Winchester (S/partial W)*	275.60	313.20
Winthrop (W/S)	726.00	1,188.00
Woburn (S/partial W)	205.00	328.00
Worcester (partial W)	424.80	-
<b>AVERAGE</b>	<b>\$548.87</b>	<b>\$925.27</b>
<b>Percent change</b>	<b>2.8%</b>	<b>3.6%</b>

Water and Sewer Charges are based on an annual water consumption of 120 HCF ≈ 90 kgal.

(\*) Indicates communities that utilize the debt service exclusion as permitted under General Law 59 Section 21C(n).

# Combined Annual Water and Sewer Charges for Communities Receiving Services from the MWRA 2014

Charges include MWRA, community, and alternatively supplied services.

Rates based on average annual household use of **120 hundred cubic feet (HCF)**, or approximately **90,000 gallons**.

	Water	Sewer	Combined	Change
Arlington (W/S)*	\$611.20	\$730.04	\$1,341.24	6.0%
Ashland (S)	\$405.60	\$1,467.60	\$1,873.20	3.1%
Bedford (S/partial W)	\$587.00	\$977.00	\$1,564.00	6.5%
Belmont (W/S)	\$782.68	\$1,482.76	\$2,265.44	4.5%
Boston (W/S)	\$570.71	\$733.96	\$1,304.67	4.8%
Braintree (S)	\$487.20	\$735.40	\$1,222.60	8.5%
Brookline (W/S)	\$627.40	\$913.40	\$1,540.80	1.1%
Burlington (S)	\$196.50	\$391.50	\$588.00	0.0%
Cambridge (S/partial W)	\$380.00	\$1,074.40	\$1,454.40	3.8%
Canton (S/partial W)	\$610.00	\$1,013.60	\$1,623.60	6.6%
Chelsea (W/S)	\$492.00	\$963.60	\$1,455.60	0.0%
Chicopee (W)	\$396.00	\$627.40	\$1,023.40	7.9%
Clinton (W/S)	\$343.60	\$257.70	\$601.30	0.0%
Dedham (S/partial W)	\$603.96	\$937.28	\$1,541.24	0.8%
Everett (W/S)	\$316.00	\$681.60	\$997.60	16.8%
Framingham (W/S)	\$716.04	\$827.40	\$1,543.44	6.9%
Hingham (S)	\$939.68	\$1,110.00	\$2,049.68	0.9%
Holbrook (S)	\$620.40	\$724.80	\$1,345.20	0.0%
Leominster (partial W)	\$455.84	\$508.76	\$964.60	0.0%
Lexington (W/S)	\$483.20	\$1,024.80	\$1,508.00	1.8%
Lynn (partial W)	\$412.92	\$759.72	\$1,172.64	3.1%
Malden (W/S)	\$588.48	\$706.92	\$1,295.40	3.3%
Marblehead (W)	\$593.00	\$1,120.00	\$1,713.00	26.2%
Marlborough (partial W)	\$672.00	\$693.60	\$1,365.60	5.1%
Medford (W/S)	\$727.20	\$908.40	\$1,635.60	3.2%
Melrose (W/S)	\$814.00	\$1,128.56	\$1,942.56	7.4%
Milton (W/S)	\$728.16	\$1,247.52	\$1,975.68	2.4%
Nahant (W)*	\$806.40	\$1,066.80	\$1,873.20	0.0%
Natick (S)	\$336.00	\$1,017.20	\$1,353.20	3.2%
Needham (S/partial W)	\$502.20	\$1,061.40	\$1,563.60	5.6%
Newton (W/S)	\$776.40	\$1,144.40	\$1,920.80	3.9%
Northborough (partial W)	\$587.08	\$759.60	\$1,346.68	0.0%
Norwood (W/S)	\$559.92	\$765.72	\$1,325.64	8.1%
Peabody (partial W)	\$306.00	\$409.80	\$715.80	0.0%
Quincy (W/S)	\$656.40	\$1,054.20	\$1,710.60	2.1%
Randolph (S)	\$567.80	\$906.00	\$1,473.80	5.9%
Reading (W/S)	\$1,100.40	\$1,245.60	\$2,346.00	0.0%
Revere (W/S)	\$469.20	\$1,405.20	\$1,874.40	2.3%
Saugus (W)	\$562.66	\$344.00	\$906.66	5.8%
Somerville (W/S)	\$581.25	\$908.16	\$1,489.41	1.2%
Stoneham (W/S)	\$600.00	\$1,176.00	\$1,776.00	1.4%
Stoughton (S/partial W)	\$529.44	\$1,152.00	\$1,681.44	2.3%
Swampscott (W)	\$788.00	\$689.00	\$1,477.00	0.0%
Wakefield (S/partial W)	\$610.20	\$1,128.60	\$1,738.80	2.9%
Walpole (S)	\$597.00	\$770.02	\$1,367.02	2.0%
Waltham (W/S)	\$428.64	\$753.00	\$1,181.64	0.0%
Watertown (W/S)	\$523.48	\$954.00	\$1,477.48	3.2%
Wellesley (S/partial W)	\$445.68	\$1,011.60	\$1,457.28	0.0%
Westwood (S/partial W)	\$603.96	\$815.00	\$1,418.96	4.3%
Weymouth (S)	\$590.88	\$977.72	\$1,568.60	2.5%
Wilbraham (W)	\$462.00	\$492.00	\$954.00	0.0%
Wilmington (S/partial W)	\$449.60	\$598.80	\$1,048.40	0.0%
Winchester (S/partial W)*	\$275.60	\$313.20	\$588.80	0.0%
Winthrop (W/S)	\$726.00	\$1,188.00	\$1,914.00	8.1%
Woburn (S/partial W)	\$205.00	\$328.00	\$533.00	0.0%
Worcester (partial W)	\$424.80	\$603.84	\$1,028.64	3.8%
<b>AVERAGE</b>	<b>\$557.73</b>	<b>\$871.19</b>	<b>\$1,428.92</b>	<b>3.5%</b>

The following communities do not provide municipal sewer services and, therefore, are not listed: Lynnfield Water District, South Hadley Fire District #1, Southborough and Weston.

(\*) Indicates communities that utilize the debt service exclusion as permitted under General Law 59 Section 21C(n).

# Arlington (W/S)

**Residential Water Rates:**

Last adjusted:	Jan. 2014
Next adjustment scheduled:	July 2015
Fund:	Enterprise
Base charge per bill	\$ 5.35
First 15 HCF/bill	\$ 4.75/HCF
16 – 30 HCF	\$ 5.08 "
>30 HCF	\$ 6.16 "
Billing Frequency:	Quarterly

**Residential Sewer Rates:**

Last adjusted:	Jan. 2014
Next adjustment scheduled:	July 2015
Fund:	Enterprise
Base charge per bill	\$ 5.36
First 15 HCF/bill	\$ 5.71/HCF
16 – 30 HCF	\$ 6.10 "
>30 HCF	\$ 7.40 "

Based on 100% of water usage.

**Annual Cost  
AWWA Standard for Historical Comparison  
(120 HCF ≈ 90,000 gals.)**

Water	\$611.20
Sewer	\$730.04
Combined	\$1,341.24
% change from 2013	6.0%

**Annual Cost  
Based on Local, State & Federal Data  
(59.9 HCF – See Appendix C for Data & Calc.)**

Water	\$305.93
Sewer	\$363.47
Combined	\$669.40

**Commercial Water Rates:**

Same as residential

**Commercial Sewer Rates:**

Same as residential

Arlington utilizes the debt service exclusion as permitted under General Law 59 Section 21C(n)

**Additional 2014 Data by Community**

Does this Community Use Second Meters?	No	Does this Community Offer Senior and/or Low Income Discounts?	No
<b>Water System</b>		<b>Sewer System</b>	
MWRA Charges as % of Total Community Water Expenses	50-75%	MWRA Charges as % of Total Community Sewer Expenses	50-75%
Miles of water pipeline replaced/rehabilitated in FY14	Less than 1	Miles of sewer pipeline replaced/rehabilitated in FY14	1-3
Water Capital Needs over Next Five Years	\$0-10 million	Sewer Capital Needs over Next Five Years	\$0-10 million
Anticipated Water Capital Spending over Next Five Years	\$5-10 million	Anticipated Sewer Capital Spending over Next Five Years	\$5-10 million
<b>Stormwater</b>			
Current Funding Source of Stormwater-Related Costs:		Water/Sewer Rates	

# Ashland (S)

**Residential Water Rates:**

Last adjusted:	Feb. 2014
Next adjustment scheduled:	Unknown
Fund:	Enterprise
Base charge per bill	\$16.00
0 - 10 HCF	\$ 2.60/HCF
>10 - 40 HCF	\$ 2.97 "
>40 - 90 HCF	\$ 4.40 "
>90 HCF	\$ 5.45 "

Billing Frequency: Quarterly

**Residential Sewer Rates:**

Last adjusted:	Feb. 2014
Next adjustment scheduled:	Unknown
Fund:	Enterprise
Base charge per bill	\$16.00
0 - 10 HCF	\$11.07/HCF
>10 - 40 HCF	\$12.01 "
>40 - 90 HCF	\$13.37 "
>90 HCF	\$16.60 "

Based on 100% of water usage.

<b>Annual Cost</b> <b>AWWA Standard for Historical Comparison</b> (120 HCF ≈ 90,000 gals.)	
Water	\$405.60
Sewer	\$1,467.60
Combined	\$1,873.20
% change from 2013	3.1%

<b>Annual Cost</b> <b>Based on Local, State &amp; Federal Data</b> (71.6 HCF – See Appendix C for Data & Calc.)	
Water	\$261.85
Sewer	\$886.32
Combined	\$1,148.17

**Commercial Water Rates:**

Same as residential

**Commercial Sewer Rates:**

Same as residential

<b>Additional 2014 Data by Community</b>			
Does this Community Use Second Meters?	Yes	Does this Community Offer Senior and/or Low Income Discounts?	Yes, Senior
<b>Water System</b>		<b>Sewer System</b>	
MWRA Charges as % of Total Community Water Expenses	N/A	MWRA Charges as % of Total Community Sewer Expenses	0-25%
Miles of water pipeline replaced/rehabilitated in FY14	1-3	Miles of sewer pipeline replaced/rehabilitated in FY14	1-3
Water Capital Needs over Next Five Years	\$0-10 million	Sewer Capital Needs over Next Five Years	\$0-10 million
Anticipated Water Capital Spending over Next Five Years	\$5-10 million	Anticipated Sewer Capital Spending over Next Five Years	\$5-10 million
<b>Stormwater</b>			
Current Funding Source of Stormwater-Related Costs:	Tax Levy (DPW Budget)		

The 2013 document overstated the water and sewer rates for Ashland. The 2013 figures were corrected in this document so that the percentage change from 2013 to 2014 is accurate. See [Appendix A](#) for updated 2013 data.

# Bedford (S/partial W)

**Residential Water Rates:**

Last adjusted:	July 2014
Next adjustment scheduled:	July 2015
Fund:	General
Base charge per bill	\$17.50
0 – 20 HCF	\$ 1.40/HCF
> 20 HCF	\$ 6.20 "

Billing Frequency:

Residential: Semi-Annually

**Residential Sewer Rates:**

Last adjusted:	July 2014
Next adjustment scheduled:	July 2015
Fund:	General
Base charge per bill	\$22.50
0 – 20 HCF	\$ 3.30/HCF
> 20 HCF	\$ 10.00 "

Based on 100% of water usage.

Commercial: Monthly

<b>Annual Cost</b> <b>AWWA Standard for Historical Comparison</b> (120 HCF ≈ 90,000 gals.)	
Water	\$587.00
Sewer	\$977.00
Combined	\$1,564.00
% change from 2013	6.5%

<b>Annual Cost</b> <b>Based on Local, State &amp; Federal Data</b> (75.1 HCF – See Appendix C for Data & Calc.)	
Water	\$308.62
Sewer	\$528.00
Combined	\$836.62

**Commercial Water Rates:**

Same as residential

**Commercial Sewer Rates:**

Same as residential

<b>Additional 2014 Data by Community</b>			
Does this Community Use Second Meters?	Yes	Does this Community Offer Senior and/or Low Income Discounts?	No
<b>Water System</b>		<b>Sewer System</b>	
MWRA Charges as % of Total Community Water Expenses	50-75%	MWRA Charges as % of Total Community Sewer Expenses	50-75%
Miles of water pipeline replaced/rehabilitated in FY14	1-3	Miles of sewer pipeline replaced/rehabilitated in FY14	Less than 1
Water Capital Needs over Next Five Years	\$0-10 million	Sewer Capital Needs over Next Five Years	\$0-10 million
Anticipated Water Capital Spending over Next Five Years	\$1-5 million	Anticipated Sewer Capital Spending over Next Five Years	\$1-5 million
<b>Stormwater</b>			
Current Funding Source of Stormwater-Related Costs:	Tax Levy (DPW Budget)		

# Belmont (W/S)

**Residential Water Rates:**

Last adjusted: July 2014  
 Next adjustment scheduled: July 2015  
 Fund: Enterprise  
 Base charge per bill \$18.67  
 0 – 30 HCF \$ 5.90/HCF  
 >30 \$ 6.78 "

Billing Frequency: Quarterly

**Residential Sewer Rates:**

Last adjusted: July 2014  
 Next adjustment scheduled: July 2015  
 Fund: Enterprise  
 Base charge per bill \$16.69  
 All units \$11.80/HCF

Based on 100% of water usage.

<b>Annual Cost</b> <b>AWWA Standard for Historical Comparison</b> (120 HCF ≈ 90,000 gals.)	
Water	\$782.68
Sewer	\$1,482.76
Combined	\$2,265.44
% change from 2013	4.5%

<b>Annual Cost</b> <b>Based on Local, State &amp; Federal Data</b> (84.7 HCF – See Appendix C for Data & Calc.)	
Water	\$574.41
Sewer	\$1,066.22
Combined	\$1,640.63

**Commercial Water Rates:**

Same as residential

**Commercial Sewer Rates:**

Same as residential

<b>Additional 2014 Data by Community</b>			
Does this Community Use Second Meters?		Does this Community Offer Senior and/or Low Income Discounts?	Yes, Both
MWRA Charges as % of Total Community Water Expenses	25-50%	MWRA Charges as % of Total Community Sewer Expenses	25-50%
Miles of water pipeline replaced/rehabilitated in FY14	1-3	Miles of sewer pipeline replaced/rehabilitated in FY14	Less than 1
Water Capital Needs over Next Five Years	\$0-10 million	Sewer Capital Needs over Next Five Years	\$10-20 million
Anticipated Water Capital Spending over Next Five Years	\$5-10 million	Anticipated Sewer Capital Spending over Next Five Years	Over \$10 million
<b>Stormwater</b>			
Current Funding Source of Stormwater-Related Costs:		Water/Sewer Rates	

# Boston – Boston Water and Sewer Commission (W/S)

**Residential Water Rates:**

Last adjusted:	January 2014
Next adjustment scheduled:	January 2015
Fund:	Enterprise
First 19 CF/Day	\$4.664/HCF
Next 20 CF	\$4.882 "
Next 50 CF	\$5.084 "
Next 260 CF	\$5.406 "
Next 950 CF	\$5.640 "
Over 1,299 CF	\$5.838 "

Billing Frequency: Monthly

**Residential Sewer Rates:**

Last adjusted:	January 2014
Next adjustment scheduled:	January 2015
Fund:	Enterprise
First 19 CF/Day	\$6.038/HCF
Next 20 CF	\$6.224 "
Next 50 CF	\$6.349 "
Next 260 CF	\$6.699 "
Next 950 CF	\$7.069 "
Over 1,299 CF	\$7.313 "

Based on 100% of water usage.

Annual Cost AWWA Standard for Historical Comparison (120 HCF ≈ 90,000 gals.)	
Water	\$570.71
Sewer	\$733.96
Combined	\$1,304.67
% change from 2013	4.8%

Annual Cost Based on Local, State & Federal Data (44.7 HCF – See Appendix C for Data & Calc.)	
Water	\$208.54
Sewer	\$269.97
Combined	\$478.51

**Commercial Water Rates:**

Same as residential

**Commercial Sewer Rates:**

Same as residential

Additional 2014 Data by Community			
Does this Community Use Second Meters?	Yes	Does this Community Offer Senior and/or Low Income Discounts?	Yes, Senior
Water System		Sewer System	
MWRA Charges as % of Total Community Water Expenses	50-75%	MWRA Charges as % of Total Community Sewer Expenses	No Response
Miles of water pipeline replaced/rehabilitated in FY14	Over 6 miles	Miles of sewer pipeline replaced/rehabilitated in FY14	1-3
Water Capital Needs over Next Five Years	Over \$50 million	Sewer Capital Needs over Next Five Years	Over \$50 million
Anticipated Water Capital Spending over Next Five Years	Over \$10 million	Anticipated Sewer Capital Spending over Next Five Years	Over \$10 million
Stormwater			
Current Funding Source of Stormwater-Related Costs:	Water/Sewer Rates		

# Braintree (S)

**Residential Water Rates:**

Last adjusted:	June 2014
Next adjustment scheduled:	No response
Fund:	Enterprise
Base charge per bill:	\$16.75
0 – 5 HCF	\$ 2.46/HCF
>5 – 35 HCF	\$ 3.71 "
>35 – 200 HCF	\$ 6.71 "
>200 HCF	\$ 9.56 "

Billing Frequency: Quarterly

**Residential Sewer Rates:**

Last adjusted:	June 2014
Next adjustment scheduled:	No response
Fund:	Enterprise
Base charge per bill:	\$16.75
0 – 5 HCF	\$ 4.57/HCF
>5 – 35 HCF	\$ 5.77 "
>35 – 200 HCF	\$ 9.04 "
>200 HCF	\$ 9.92 "

Based on 100% of water usage.

<b>Annual Cost</b> <b>AWWA Standard for Historical Comparison</b> (120 HCF ≈ 90,000 gals.)	
Water	\$487.20
Sewer	\$735.40
Combined	\$1,222.60
% change from 2013	8.5%

<b>Annual Cost</b> <b>Based on Local, State &amp; Federal Data</b> (66.9 HCF – See Appendix C for Data & Calc.)	
Water	\$290.20
Sewer	\$429.01
Combined	\$719.21

**Commercial Water Rates:**

Same as residential

**Commercial Sewer Rates:**

Same as residential

Braintree has a \$5.00 discount for all customers, residential and commercial, if bill is paid within 30 days.

<b>Additional 2014 Data by Community</b>			
Does this Community Use Second Meters?	No	Does this Community Offer Senior and/or Low Income Discounts?	No
<b>Water System</b>		<b>Sewer System</b>	
MWRA Charges as % of Total Community Water Expenses	N/A	MWRA Charges as % of Total Community Sewer Expenses	No Response
Miles of water pipeline replaced/rehabilitated in FY14	1-3	Miles of sewer pipeline replaced/rehabilitated in FY14	Less than 1
Water Capital Needs over Next Five Years	\$10-20 million	Sewer Capital Needs over Next Five Years	\$0-10 million
Anticipated Water Capital Spending over Next Five Years	Over \$10 million	Anticipated Sewer Capital Spending over Next Five Years	\$1-5 million
<b>Stormwater</b>			
Current Funding Source of Stormwater-Related Costs:	Tax Levy		

# Brookline (W/S)

**Residential Water Rates:**

Last adjusted: July 2014  
 Next adjustment scheduled: July 2015  
 Fund: Enterprise  
 Base charge \$25.00  
 0 – 7 HCF \$ 1.75/HCF  
 >7 \$ 5.20 "  
 Billing Frequency: Quarterly

**Residential Sewer Rates:**

Last adjusted: July 2014  
 Next adjustment scheduled: July 2015  
 Fund: Enterprise  
 Base charge \$25.00  
 0 – 7 HCF \$ 3.75/HCF  
 >7 \$ 7.70 "  
 Based on 100% of water usage.

<b>Annual Cost</b> <b>AWWA Standard for Historical Comparison</b> (120 HCF ≈ 90,000 gals.)	
Water	\$627.40
Sewer	\$913.40
Combined	\$1,540.80
% change from 2013	1.1%

<b>Annual Cost</b> <b>Based on Local, State &amp; Federal Data</b> (64.2 HCF – See Appendix C for Data & Calc.)	
Water	\$378.84
Sewer	\$545.34
Combined	\$924.18

**Commercial Water Rates:**

Same as residential

**Commercial Sewer Rates:**

Same as residential

<b>Additional 2014 Data by Community</b>			
Does this Community Use Second Meters?		Does this Community Offer Senior and/or Low Income Discounts?	
<b>Water System</b>		<b>Sewer System</b>	
MWRA Charges as % of Total Community Water Expenses	50-75%	MWRA Charges as % of Total Community Sewer Expenses	Over 75%
Miles of water pipeline replaced/rehabilitated in FY14	Less than 1	Miles of sewer pipeline replaced/rehabilitated in FY14	3-6
Water Capital Needs over Next Five Years	\$0-10 million	Sewer Capital Needs over Next Five Years	\$0-10 million
Anticipated Water Capital Spending over Next Five Years	\$100 thousand to \$1 million	Anticipated Sewer Capital Spending over Next Five Years	\$1-5 million
<b>Stormwater</b>			
Current Funding Source of Stormwater-Related Costs:		Water/Sewer Rates	

# Burlington (S)

**Residential Water Rates:**

Last adjusted:	Dec. 2012
Next adjustment scheduled:	Unknown
Fund:	General
First 20 kgal	\$37.00
>20 – 30 kgal	\$ 2.00/kgal
>30 – 50 kgal	\$ 2.75 "
>50 – 70 kgal	\$ 3.50 "
>70 – 90 kgal	\$ 4.50 "
>90 kgal	\$ 4.75 "

**Residential Sewer Rates:**

Last adjusted:	Dec. 2012
Next adjustment scheduled:	Unknown
Fund:	Enterprise
First 20 kgal	\$42.00
>20 – 30 kgal	\$ 6.00/kgal
>30 – 50 kgal	\$ 6.25 "
>50 – 70 kgal	\$ 7.00 "
>70 – 90 kgal	\$ 8.00 "
>90 kgal	\$ 9.50 "

Based on 100% of water usage.

Billing Frequency:

Residential: Semi-annually

Commercial: Quarterly

<b>Annual Cost</b> <b>AWWA Standard for Historical Comparison</b> (120 HCF ≈ 90,000 gals.)	
Water	\$196.50
Sewer	\$391.50
Combined	\$588.00
% change from 2013	0.0%

<b>Annual Cost</b> <b>Based on Local, State &amp; Federal Data</b> (50.3 kgal – See Appendix C for Data & Calc.)	
Water	\$94.60
Sewer	\$145.80
Combined	\$240.40

**Commercial Water Rates:**

First 10 kgal	\$18.50
>10 – 15 kgal	\$ 3.00/kgal
>15 – 35 kgal	\$ 4.00 "
>35 kgal	\$ 4.75 "

**Commercial Sewer Rates:**

First 10 kgal	\$34.00
>10 – 15 kgal	\$ 7.00/kgal
>15 – 35 kgal	\$ 8.00 "
>35 kgal	\$ 9.50 "

Additional 2014 Data by Community			
Does this Community Use Second Meters?	Yes	Does this Community Offer Senior and/or Low Income Discounts?	No
Water System		Sewer System	
MWRA Charges as % of Total Community Water Expenses	N/A	MWRA Charges as % of Total Community Sewer Expenses	Over 75%
Miles of water pipeline replaced/rehabilitated in FY14	Less than 1	Miles of sewer pipeline replaced/rehabilitated in FY14	Less than 1
Water Capital Needs over Next Five Years	\$0-10 million	Sewer Capital Needs over Next Five Years	\$0-10 million
Anticipated Water Capital Spending over Next Five Years	\$100 thousand to \$1 million	Anticipated Sewer Capital Spending over Next Five Years	\$100 thousand to \$1 million
Stormwater			
Current Funding Source of Stormwater-Related Costs:	Tax Levy		

# Cambridge (S/partial W)

**Residential Water Rates:**

Last adjusted:	April 2011
Next adjustment scheduled:	April 2015
Fund:	Enterprise
0 – 40 HCF/year	\$3.02/HCF
>40 – 400 HCF/year	\$3.24 "
>400 – 2,000 HCF/year	\$3.44 "
>2,000 – 10,000 HCF/year	\$3.65 "
>10,000 HCF/year	\$3.96 "

Billing Frequency: Quarterly

**Residential Sewer Rates:**

Last adjusted:	April 2014
Next adjustment scheduled:	April 2015
Fund:	General
0 – 40 HCF/year	\$ 8.62/HCF
>40 – 400 HCF/year	\$ 9.12 "
>400 – 2,000 HCF/year	\$ 9.79 "
>2,000 – 10,000 HCF/year	\$10.54 "
>10,000 HCF/year	\$11.21 "

Based on 100% of water usage.

<b>Annual Cost AWWA Standard for Historical Comparison (120 HCF ≈ 90,000 gals.)</b>	
Water	\$380.00
Sewer	\$1,074.40
Combined	\$1,454.40
% change from 2013	3.8%

<b>Annual Cost Based on Local, State &amp; Federal Data (50.6 HCF – See Appendix C for Data &amp; Calc.)</b>	
Water	\$155.14
Sewer	\$441.47
Combined	\$596.62

**Commercial Water Rates:**

Same as residential

**Commercial Sewer Rates:**

Same as residential

<b>Additional 2014 Data by Community</b>			
Does this Community Use Second Meters?	Yes	Does this Community Offer Senior and/or Low Income Discounts?	Yes, Both
<b>Water System</b>		<b>Sewer System</b>	
MWRA Charges as % of Total Community Water Expenses	No Response	MWRA Charges as % of Total Community Sewer Expenses	No Response
Miles of water pipeline replaced/rehabilitated in FY14	No Response	Miles of sewer pipeline replaced/rehabilitated in FY14	No Response
Water Capital Needs over Next Five Years	No Response	Sewer Capital Needs over Next Five Years	No Response
Anticipated Water Capital Spending over Next Five Years	No Response	Anticipated Sewer Capital Spending over Next Five Years	No Response
<b>Stormwater</b>			
Current Funding Source of Stormwater-Related Costs:	Water/Sewer Rates		

# Canton (S/partial W)

**Residential Water Rates:**

Last adjusted:	July 2014
Next adjustment scheduled:	July 2015
Fund:	Enterprise
Base Charge	\$10.00
1 – 15 HCF	\$ 3.40/HCF
>15 – 40 HCF	\$ 6.10 "
>40 – 100 HCF	\$10.07 "
>100 HCF	\$12.79 "

Billing Frequency: Quarterly

**Residential Sewer Rates:**

Last adjusted:	July 2014
Next adjustment scheduled:	July 2015
Fund:	Enterprise
Base Charge	\$ 5.00
1 – 15 HCF	\$ 7.77/HCF
>15 – 40 HCF	\$ 8.79 "
>40 – 100 HCF	\$11.61 "
>100 HCF	\$14.88 "

Based on 100% of water usage.

<b>Annual Cost</b> <b>AWWA Standard for Historical Comparison</b> (120 HCF ≈ 90,000 gals.)	
Water	\$610.00
Sewer	\$1,013.60
Combined	\$1,623.60
% change from 2013	6.6%

<b>Annual Cost</b> <b>Based on Local, State &amp; Federal Data</b> (65.0 HCF – See Appendix C for Data & Calc.)	
Water	\$274.50
Sewer	\$530.15
Combined	\$804.65

**Commercial Water Rates:**

Same as residential

**Commercial Sewer Rates:**

Same as residential

<b>Additional 2014 Data by Community</b>			
Does this Community Use Second Meters?		Does this Community Offer Senior and/or Low Income Discounts?	
MWRA Charges as % of Total Community Water Expenses	Yes	MWRA Charges as % of Total Community Sewer Expenses	No
Miles of water pipeline replaced/rehabilitated in FY14	Less than 1	Miles of sewer pipeline replaced/rehabilitated in FY14	Less than 1
Water Capital Needs over Next Five Years	\$0-10 million	Sewer Capital Needs over Next Five Years	\$0-10 million
Anticipated Water Capital Spending over Next Five Years	\$1-5 million	Anticipated Sewer Capital Spending over Next Five Years	\$1-5 million
<b>Stormwater</b>			
Current Funding Source of Stormwater-Related Costs:		Tax Levy (DPW Budget)	

# Chelsea (W/S)

**Residential Water Rates:**

Last adjusted:	July 2013
Next adjustment scheduled:	July 2016
Fund:	Enterprise
0 – 10 HCF	\$4.10/HCF
>10 – 50 HCF	\$4.99 "
>50 HCF	\$5.97 "

Billing Frequency: Monthly

**Residential Sewer Rates:**

Last adjusted:	July 2013
Next adjustment scheduled:	July 2016
Fund:	Enterprise
0 – 10 HCF	\$ 8.03/HCF
>10 – 50 HCF	\$ 8.75 "
>50 HCF	\$10.06 "

Based on 100% of water usage.

<b>Annual Cost</b> <b>AWWA Standard for Historical Comparison</b> (120 HCF ≈ 90,000 gals.)	
Water	\$492.00
Sewer	\$963.60
Combined	\$1,455.60
% change from 2013	0.0%

<b>Annual Cost</b> <b>Based on Local, State &amp; Federal Data</b> (74.7 HCF – See Appendix C for Data & Calc.)	
Water	\$306.27
Sewer	\$599.84
Combined	\$906.11

**Commercial Water Rates:**  
Same as residential**Commercial Sewer Rates:**  
Same as residential

<b>Additional 2014 Data by Community</b>			
Does this Community Use Second Meters?		Does this Community Offer Senior and/or Low Income Discounts?	
<b>Water System</b>		<b>Sewer System</b>	
MWRA Charges as % of Total Community Water Expenses	25-50%	MWRA Charges as % of Total Community Sewer Expenses	25-50%
Miles of water pipeline replaced/rehabilitated in FY14	Less than 1	Miles of sewer pipeline replaced/rehabilitated in FY14	Less than 1
Water Capital Needs over Next Five Years	Over \$50 million	Sewer Capital Needs over Next Five Years	Over \$50 Million
Anticipated Water Capital Spending over Next Five Years	\$5-10 million	Anticipated Sewer Capital Spending over Next Five Years	\$5-10 million
<b>Stormwater</b>			
Current Funding Source of Stormwater-Related Costs:		Water/Sewer Rates	

# Chicopee (W)

**Residential Water Rates:**

Last adjusted:	July 2014
Next adjustment scheduled:	No response
Fund:	General
Minimum charge	\$10.00
0 - 10 HCF	\$ 2.70/HCF
>10 HCF	\$ 3.60 "

Billing Frequency: Quarterly

**Residential Sewer Rates:**

Last adjusted:	July 2014
Next adjustment scheduled:	July 2015
Fund:	Special Revenue (Sewer Use Fee)
	Minim0075m Charge per bill (<334CF)
0 - 10 HCF	\$10.00/quarter
>10 HCF	\$ 5.40/HCF
	\$ 6.20 "
	Based on 100% of water usage, with a summer discount of 30% during the months of June, July, and August.

**Annual Cost**
**AWWA Standard for Historical Comparison**  
(120 HCF ≈ 90,000 gals.)

Water	\$396.00
Sewer	\$627.40
Combined	\$1,023.40
% change from 2013	7.9%

**Annual Cost**
**Based on Local, State & Federal Data**  
(65.5 HCF – See Appendix C for Data & Calc.)

Water	\$235.80
Sewer	\$341.68
Combined	\$577.48

**Commercial Water Rates:**

Same as residential with \$2.00 water meter rental charge (5/8" meter)

**Commercial Sewer Rates:**

Same as residential

**Additional 2014 Data by Community**

Does this Community Use Second Meters?	Yes	Does this Community Offer Senior and/or Low Income Discounts?	No
<b>Water System</b>		<b>Sewer System</b>	
MWRA Charges as % of Total Community Water Expenses	No Response	MWRA Charges as % of Total Community Sewer Expenses	N/A
Miles of water pipeline replaced/rehabilitated in FY14	No Response	Miles of sewer pipeline replaced/rehabilitated in FY14	Over 6 miles
Water Capital Needs over Next Five Years	No Response	Sewer Capital Needs over Next Five Years	Over \$50 million
Anticipated Water Capital Spending over Next Five Years	No Response	Anticipated Sewer Capital Spending over Next Five Years	Over \$10 million
<b>Stormwater</b>			
Current Funding Source of Stormwater-Related Costs:	Special Assessment		

Chicopee is 1 of 3 MWRA communities that has established a special assessment to fund stormwater-related costs. The residential stormwater fee is \$25 per quarter; \$100 per year. For more information, see [Appendix G](#).

# Clinton (W/S)

**Residential Water Rates:**

Last adjusted: June 2007  
 Next adjustment scheduled: No response  
 Fund: Enterprise

Minimum Bill:	\$56.60
0 – 10 HCF	\$ 5.66/HCF
>10 – 30 HCF	\$ 1.30 "
>30 – 50 HCF	\$ 2.90 "
>50 – 200 HCF	\$ 3.12 "
>200 HCF	\$ 3.35 "
Billing Frequency:	Quarterly

**Residential Sewer Rates:**

Last adjusted: June 2007  
 Next adjustment scheduled: No response  
 Fund: Enterprise

Minimum Bill: \$42.40  
 Sewer bill is calculated as 75% of water bill.

**Annual Cost**  
**AWWA Standard for Historical Comparison**  
 (120 HCF ≈ 90,000 gals.)

Water	\$343.60
Sewer	\$257.70
Combined	\$601.30
% change from 2013	0.0%

**Annual Cost**  
**Based on Local, State & Federal Data**  
 (67.6 HCF – See Appendix C for Data & Calc.)

Water	\$259.55
Sewer	\$194.66
Combined	\$454.21

**Commercial Water Rates:**

Same as residential

**Commercial Sewer Rates:**

Same as residential

- Clinton bills according to actual usage bi-annually, and uses the minimum bill listed for the interim bills.
- Chapter 307 of the Acts of 1987 § 8 limits Clinton's MWRA assessment to \$500,000 per year.

**Additional 2014 Data by Community**

Does this Community Use Second Meters?	No	Does this Community Offer Senior and/or Low Income Discounts?	No
<b>Water System</b>		<b>Sewer System</b>	
MWRA Charges as % of Total Community Water Expenses	0-25%	MWRA Charges as % of Total Community Sewer Expenses	0-25%
Miles of water pipeline replaced/rehabilitated in FY14	Less than 1	Miles of sewer pipeline replaced/rehabilitated in FY14	Less than 1
Water Capital Needs over Next Five Years	\$0-10 million	Sewer Capital Needs over Next Five Years	\$0-10 million
Anticipated Water Capital Spending over Next Five Years	\$1-5 million	Anticipated Sewer Capital Spending over Next Five Years	\$100 thousand to \$1 million
<b>Stormwater</b>			
Current Funding Source of Stormwater-Related Costs:	Tax Levy (DPW Budget)		

# Dedham (S)

**Residential Water Rates:**

Last adjusted:	June 2014
Next adjustment scheduled:	Unknown
Fund:	Enterprise
Minimum charge per bill includes first 3 HCF ( $\frac{5}{8}$ " meter)	\$36.24
>3 – 42 HCF	\$ 4.25/HCF
>42 – 75 HCF	\$ 6.91 "
>75 HCF	\$ 8.95 "

Billing Frequency: Quarterly, some commercial monthly

<b>Annual Cost AWWA Standard for Historical Comparison (120 HCF ≈ 90,000 gals.)</b>	
Water	\$603.96
Sewer	\$937.28
Combined	\$1,541.24
% change from 2013	0.8%

<b>Annual Cost Based on Local, State &amp; Federal Data (72.3 HCF – See Appendix C for Data &amp; Calc.)</b>	
Water	\$401.24
Sewer	\$616.50
Combined	\$1,017.74

**Commercial Water Rates:**

Minimum charge 5/8" with 9 HCF allowance:	\$53.76
All units in excess of allowance	\$ 4.25/HCF

**Commercial Sewer Rates:**

Minimum Charge: (under 5 HCF)	\$45.20
All units	\$11.30/HCF

<b>Additional 2014 Data by Community</b>			
Does this Community Use Second Meters?	Yes	Does this Community Offer Senior and/or Low Income Discounts?	Yes, Low Income
<b>Water System</b>		<b>Sewer System</b>	
MWRA Charges as % of Total Community Water Expenses	0-25%	MWRA Charges as % of Total Community Sewer Expenses	0-25%
Miles of water pipeline replaced/rehabilitated in FY14	Less than 1	Miles of sewer pipeline replaced/rehabilitated in FY14	3-6
Water Capital Needs over Next Five Years	\$0-10 million	Sewer Capital Needs over Next Five Years	\$0-10 million
Anticipated Water Capital Spending over Next Five Years	\$1-5 million	Anticipated Sewer Capital Spending over Next Five Years	\$1-5 million
<b>Stormwater</b>			
Current Funding Source of Stormwater-Related Costs:	Tax Levy (DPW Budget)		

# Everett (W/S)

**Residential Water Rates:**

Last adjusted:	July 2014
Next adjustment scheduled:	Unknown
Fund:	Enterprise
0 – 30 HCF	\$2.08/HCF
>30 – 60 HCF	\$2.64 "
>60 – 90 HCF	\$3.18 "
>90 – 240 HCF	\$3.63 "
>240 HCF	\$4.00 "

**Residential Sewer Rates:**

Last adjusted:	July 2014
Next adjustment scheduled:	Unknown
Fund:	Enterprise
0 – 30 HCF	\$5.68/HCF
>30 – 60 HCF	\$7.44 "
>60 – 90 HCF	\$8.55 "
>90 – 240 HCF	\$9.58 "
>240 HCF	\$9.79 "

Based on 100% of water usage.

Billing Frequency: Quarterly

Annual Cost AWWA Standard for Historical Comparison (120 HCF ≈ 90,000 gals.)	
Water	\$316.00
Sewer	\$681.60
Combined	\$997.60
% change from 2013	16.8%

Annual Cost Based on Local, State & Federal Data (69.9 HCF – See Appendix C for Data & Calc.)	
Water	\$145.39
Sewer	\$397.03
Combined	\$542.42

**Commercial Water Rates:**

Same as residential

**Commercial Sewer Rates:**

Same as residential

Additional 2014 Data by Community			
Does this Community Use Second Meters?		Does this Community Offer Senior and/or Low Income Discounts?	
	No		Yes, Both
Water System		Sewer System	
MWRA Charges as % of Total Community Water Expenses	25-50%	MWRA Charges as % of Total Community Sewer Expenses	25-50%
Miles of water pipeline replaced/rehabilitated in FY14	Less than 1	Miles of sewer pipeline replaced/rehabilitated in FY14	Less than 1
Water Capital Needs over Next Five Years	\$0-10 million	Sewer Capital Needs over Next Five Years	\$0-10 million
Anticipated Water Capital Spending over Next Five Years	\$1-5 million	Anticipated Sewer Capital Spending over Next Five Years	\$1-5 million
Stormwater			
Current Funding Source of Stormwater-Related Costs:		No Response	

# Framingham (W/S)

**Residential Water Rates:**

Last adjusted:	July 2014
Next adjustment scheduled:	July 2015
Fund:	Enterprise
0 – 12 HCF	\$ 5.50/HCF
>12 – 27 HCF	\$ 6.11 "
>27 – 51 HCF	\$ 7.12 "
>51 – 750 HCF	\$ 8.38 "
>750 HCF	\$10.15 "

**Residential Sewer Rates:**

Last adjusted:	July 2014
Next adjustment scheduled:	July 2015
Fund:	Enterprise
0 – 12 HCF	\$ 6.54 /HCF
>12 – 27 HCF	\$ 6.75 "
>27 – 51 HCF	\$ 9.04 "
>51 – 750 HCF	\$12.98 "
>750 HCF	\$18.88 "

Based on 100% of water usage.

Billing Frequency: Quarterly, some commercial monthly

Annual Cost AWWA Standard for Historical Comparison (120 HCF ≈ 90,000 gals.)	
Water	\$716.04
Sewer	\$827.40
Combined	\$1,543.44
% change from 2013	6.9%

Annual Cost Based on Local, State & Federal Data (66.4 HCF – See Appendix C for Data & Calc.)	
Water	\$376.42
Sewer	\$438.12
Combined	\$814.54

**Commercial Water Rates:**  
Same as residential**Commercial Sewer Rates:**  
Same as residential

Additional 2014 Data by Community			
Does this Community Use Second Meters?		Does this Community Offer Senior and/or Low Income Discounts?	
Water System		Sewer System	
MWRA Charges as % of Total Community Water Expenses	25-50%	MWRA Charges as % of Total Community Sewer Expenses	25-50%
Miles of water pipeline replaced/rehabilitated in FY14	3-6	Miles of sewer pipeline replaced/rehabilitated in FY14	3-6
Water Capital Needs over Next Five Years	Over \$50 million	Sewer Capital Needs over Next Five Years	Over \$50 million
Anticipated Water Capital Spending over Next Five Years	Over \$10 million	Anticipated Sewer Capital Spending over Next Five Years	Over \$10 million
Stormwater			
Current Funding Source of Stormwater-Related Costs:		Tax Levy (DPW Budget)	

# Hingham (S)

**Residential Water Rates:**

Last adjusted:	November 2012
Next adjustment scheduled:	No response
Fund:	Private Company
Base charge (5/8" meter)	\$77.58/bill
0 - 12 HCF	\$ 2.874/HCF
>12 HCF	\$ 3.915 "
Consumption charge for water treatment facility	\$ 0.7342 "
Consumption charge for O&M	\$ 1.0119 "

Billing Frequency:

Water: Quarterly

**Residential Sewer Rates:**

Last adjusted:	May 2014
Next adjustment scheduled:	Apr. 2015
Fund:	Special Revenue
Minimum charge	\$175.00
All units	\$ 9.25/HCF
Based on 100% of water usage.	

Sewer: Semi-Annually

<b>Annual Cost AWWA Standard for Historical Comparison (120 HCF ≈ 90,000 gals.)</b>	
Water	\$939.68
Sewer	\$1,110.00
Combined	\$2,049.68
% change from 2013	0.9%

<b>Annual Cost Based on Local, State &amp; Federal Data (78.3 HCF – See Appendix C for Data &amp; Calc)</b>	
Water	\$703.62
Sewer	\$724.28
Combined	\$1,427.89

**Commercial Water Rates:**

Base charge (5/8" meter):	\$77.58/quarter
0-12 HCF	\$ 2.107/HCF
>12 HCF	\$ 2.638 "

**Commercial Sewer Rates:**

Same as residential.

- ◆ Hingham's water services are provided by the Aquarion Water Company.

<b>Additional 2014 Data by Community</b>			
Does this Community Use Second Meters?	No	Does this Community Offer Senior and/or Low Income Discounts?	Yes, Low Income
<b>Water System</b>		<b>Sewer System</b>	
MWRA Charges as % of Total Community Water Expenses	N/A	MWRA Charges as % of Total Community Sewer Expenses	50-75%
Miles of water pipeline replaced/rehabilitated in FY14	Less than 1	Miles of sewer pipeline replaced/rehabilitated in FY14	Less than 1
Water Capital Needs over Next Five Years	\$0-10 million	Sewer Capital Needs over Next Five Years	\$0-10 million
Anticipated Water Capital Spending over Next Five Years	\$5-10 million	Anticipated Sewer Capital Spending over Next Five Years	\$100 thousand to \$1 million
<b>Stormwater</b>			
Current Funding Source of Stormwater-Related Costs:	Tax Levy (DPW Budget)		

# Holbrook (S)

**Residential Water Rates:**

Last adjusted: April 2011  
 Next adjustment scheduled: Unknown  
 Fund: Enterprise  
 Minimum charge \$136.30/year  
 All units \$ 5.17/HCF

**Residential Sewer Rates:**

Last adjusted: April 2011  
 Next adjustment scheduled: Unknown  
 Fund: Enterprise  
 Minimum charge \$229.36/year  
 All units \$ 6.04/HCF  
 Based on 100% of water usage.

Billing Frequency: Quarterly (2 estimated bills)

Annual Cost AWWA Standard for Historical Comparison (120 HCF ≈ 90,000 gals.)	
Water	\$620.40
Sewer	\$724.80
Combined	\$1,345.20
% change from 2013	0.0%

Annual Cost Based on Local, State & Federal Data (59.3 HCF – See Appendix C for Data & Calc.)	
Water	\$306.58
Sewer	\$358.17
Combined	\$664.75

**Commercial Water Rates:**

All units \$5.38/HCF

**Commercial Sewer Rates:**

All units \$6.20/HCF

Additional 2014 Data by Community			
Does this Community Use Second Meters?	No	Does this Community Offer Senior and/or Low Income Discounts?	No
Water System		Sewer System	
MWRA Charges as % of Total Community Water Expenses	N/A	MWRA Charges as % of Total Community Sewer Expenses	Over 75%
Miles of water pipeline replaced/rehabilitated in FY14	1-3	Miles of sewer pipeline replaced/rehabilitated in FY14	1-3
Water Capital Needs over Next Five Years	\$0-10 million	Sewer Capital Needs over Next Five Years	\$0-10 million
Anticipated Water Capital Spending over Next Five Years	\$1-5 million	Anticipated Sewer Capital Spending over Next Five Years	\$1-5 million
Stormwater			
Current Funding Source of Stormwater-Related Costs:	Water/Sewer Rates		

# Leominster (partial W)

**Residential Water Rates:**

Last adjusted: April 2012  
 Next adjustment scheduled: Unknown  
 Fund: Special Revenue

First 3 HCF \$20.00  
 >3 HCF \$ 3.48/HCF

Billing Frequency: Quarterly

**Residential Sewer Rates:**

Last adjusted: April 2013  
 Next adjustment scheduled: Unknown  
 Fund: Special Revenue

First 3 HCF \$20.00  
 >3 HCF \$ 3.97/HCF

Based on 100% of water usage.

<b>Annual Cost</b> <b>AWWA Standard for Historical Comparison</b> (120 HCF ≈ 90,000 gals.)	
Water	\$455.84
Sewer	\$508.76
Combined	\$964.60
% change from 2013	0.0%

<b>Annual Cost</b> <b>Based on Local, State &amp; Federal Data</b> (63.2 HCF – See Appendix C for Data & Calc.)	
Water	\$263.05
Sewer	\$288.82
Combined	\$551.87

**Commercial Water Rates:**

Same as residential

**Commercial Sewer Rates:**

Same as residential

<b>Additional 2014 Data by Community</b>			
Does this Community Use Second Meters?		Does this Community Offer Senior and/or Low Income Discounts?	
<b>Water System</b>		<b>Sewer System</b>	
MWRA Charges as % of Total Community Water Expenses	0-25%	MWRA Charges as % of Total Community Sewer Expenses	N/A
Miles of water pipeline replaced/rehabilitated in FY14	1-3	Miles of sewer pipeline replaced/rehabilitated in FY14	1-3
Water Capital Needs over Next Five Years	\$10-20 million	Sewer Capital Needs over Next Five Years	\$10-20 million
Anticipated Water Capital Spending over Next Five Years	\$5-10 million	Anticipated Sewer Capital Spending over Next Five Years	Over \$10 million
<b>Stormwater</b>			
Current Funding Source of Stormwater-Related Costs:		Water/Sewer Rates	

# Lexington (W/S)

**Residential Water Rates:**

Last adjusted: October 2014  
 Next adjustment scheduled: October 2015  
 Fund: Enterprise  
 0 – 40 HCF \$3.45/HCF  
 >40 – 80 HCF \$5.18 "  
 >80 HCF \$6.82 "  
 Billing Frequency: Semi-Annually

**Residential Sewer Rates:**

Last adjusted: October 2014  
 Next adjustment scheduled: October 2015  
 Fund: Enterprise  
 0 – 40 HCF \$ 7.05/HCF  
 >40 – 80 HCF \$11.52 "  
 >80 HCF \$18.31 "  
 Based on 100% of water usage.

<b>Annual Cost</b> <b>AWWA Standard for Historical Comparison</b> (120 HCF ≈ 90,000 gals.)	
Water	\$483.20
Sewer	\$1,024.80
Combined	\$1,508.00
% change from 2013	1.8%

<b>Annual Cost</b> <b>Based on Local, State &amp; Federal Data</b> (92.5 HCF – See Appendix C for Data & Calc.)	
Water	\$340.75
Sewer	\$708.00
Combined	\$1,048.75

**Commercial Water Rates:**  
Same as residential**Commercial Sewer Rates:**  
Same as residential

<b>Additional 2014 Data by Community</b>			
Does this Community Use Second Meters?	Yes	Does this Community Offer Senior and/or Low Income Discounts?	Yes, Low Income
<b>Water System</b>		<b>Sewer System</b>	
MWRA Charges as % of Total Community Water Expenses	50-75%	MWRA Charges as % of Total Community Sewer Expenses	Over 75%
Miles of water pipeline replaced/rehabilitated in FY14	1-3	Miles of sewer pipeline replaced/rehabilitated in FY14	Less than 1
Water Capital Needs over Next Five Years	\$0-10 million	Sewer Capital Needs over Next Five Years	\$0-10 million
Anticipated Water Capital Spending over Next Five Years	\$1-5 million	Anticipated Sewer Capital Spending over Next Five Years	\$5-10 million
<b>Stormwater</b>			
Current Funding Source of Stormwater-Related Costs:	Tax Levy (DPW Budget)		

# Lynn (partial W)

**Residential Water Rates:**

Last adjusted:	July 2014
Next adjustment scheduled:	July 2015
Fund:	Enterprise
0 – 27 HCF	\$3.43/HCF
>27 – 73 HCF	\$3.54 "
>73 – 2,812 HCF	\$3.58 "
>2,812 HCF	\$3.63 "
Billing Frequency:	Quarterly

**Residential Sewer Rates:**

Last adjusted:	July 2014
Next adjustment scheduled:	July 2015
Fund:	Enterprise
0 – 27 HCF	\$6.31/HCF
>27 – 73 HCF	\$6.52 "
>73 – 2,812 HCF	\$6.59 "
>2,812 HCF	\$6.64 "

Based on 100% of water usage.

<b>Annual Cost</b> <b>AWWA Standard for Historical Comparison</b> (120 HCF ≈ 90,000 gals.)	
Water	\$412.92
Sewer	\$759.72
Combined	\$1,172.64
% change from 2013	3.1%

<b>Annual Cost</b> <b>Based on Local, State &amp; Federal Data</b> (69.9 HCF – See Appendix C for Data & Calc.)	
Water	\$239.76
Sewer	\$441.07
Combined	\$680.83

**Commercial Water Rates:**

Same as residential

**Commercial Sewer Rates:**

Same as residential

<b>Additional 2014 Data by Community</b>			
Does this Community Use Second Meters?	Yes	Does this Community Offer Senior and/or Low Income Discounts?	Yes, Both
<b>Water System</b>		<b>Sewer System</b>	
MWRA Charges as % of Total Community Water Expenses	0-25%	MWRA Charges as % of Total Community Sewer Expenses	N/A
Miles of water pipeline replaced/rehabilitated in FY14	Less than 1	Miles of sewer pipeline replaced/rehabilitated in FY14	Less than 1
Water Capital Needs over Next Five Years	\$0-10 million	Sewer Capital Needs over Next Five Years	\$0-10 million
Anticipated Water Capital Spending over Next Five Years	\$1-5 million	Anticipated Sewer Capital Spending over Next Five Years	\$1-5 million
<b>Stormwater</b>			
Current Funding Source of Stormwater-Related Costs:	Water/Sewer Rates		

# Lynnfield – Lynnfield Water District (W)

**Residential Water Rates:**

Last adjusted: Apr. 2014  
 Next adjustment scheduled: No response  
 Fund: General  
 Base charge includes  
 0 – 20 HCF \$66.00/bill  
 >20 – 100 HCF \$ 2.86/HCF  
 >100 HCF \$ 3.10 "  
 Billing Frequency: Residential: Semi-annually      Commercial: Quarterly

**Residential Sewer Rates:**

Last adjusted: Not applicable  
 Next adjustment scheduled: Not applicable  
 Fund: Not applicable  
 Community not sewerized.

<b>Annual Cost</b> <b>AWWA Standard for Historical Comparison</b> (120 HCF ≈ 90,000 gals.)	
Water	\$360.80
Sewer	Not sewerized
Combined	\$360.80
% change from 2013	6.9%

<b>Annual Cost</b> <b>Based on Local, State &amp; Federal Data</b> (124.9 HCF – See Appendix C for Data & Calc.)	
Water	\$374.81
Sewer	Not sewerized
Combined	\$374.81

**Commercial Water Rates:**

Base charge per quarterly bill includes  
 0 – 10 HCF \$33.00  
 >10 – 50 HCF \$ 2.86/HCF  
 >50 HCF \$ 3.10 "

**Commercial Sewer Rates:**

n/a

- ♦ Lynnfield has a 10% discount for water service for all customers if bill is paid within 20 days.

<b>Additional 2014 Data by Community</b>			
Does this Community Use Second Meters?	No	Does this Community Offer Senior and/or Low Income Discounts?	No
<b>Water System</b>		<b>Sewer System</b>	
MWRA Charges as % of Total Community Water Expenses	25-50%	MWRA Charges as % of Total Community Sewer Expenses	N/A
Miles of water pipeline replaced/rehabilitated in FY14	Less than 1	Miles of sewer pipeline replaced/rehabilitated in FY14	N/A
Water Capital Needs over Next Five Years	\$0-10 million	Sewer Capital Needs over Next Five Years	N/A
Anticipated Water Capital Spending over Next Five Years	\$1-5 million	Anticipated Sewer Capital Spending over Next Five Years	N/A
<b>Stormwater</b>			
Current Funding Source of Stormwater-Related Costs:	N/A		

# Malden (W/S)

**Residential Water Rates:**

Last adjusted:	July 2014
Next adjustment scheduled:	No response
Fund:	Enterprise
Minimum charge (5/8" meter) includes 0 - 1.5 HCF:	\$ 3.00/month
>1.5 - 8 HCF:	\$ 4.28/HCF
>8 - 120 HCF	\$ 9.11 "
>120 HCF	\$12.40 "

Billing Frequency: Monthly

**Residential Sewer Rates:**

Last adjusted:	July 2014
Next adjustment scheduled:	No response
Fund:	Enterprise
Minimum charge (5/8" meter) includes 0 - 1.5 HCF:	\$ 3.00/month
>1.5 - 8 HCF:	\$ 5.46/HCF
>8 - 120 HCF	\$10.21 "
>120 HCF	\$11.69 "

Based on 100% of water usage.

<b>Annual Cost AWWA Standard for Historical Comparison (120 HCF ≈ 90,000 gals.)</b>	
Water	\$588.48
Sewer	\$706.92
Combined	\$1,295.40
% change from 2013	3.3%

<b>Annual Cost Based on Local, State &amp; Federal Data (64.9 HCF – See Appendix C for Data &amp; Calc.)</b>	
Water	\$262.50
Sewer	\$324.94
Combined	\$587.44

**Commercial Water Rates:**

Same as residential

**Commercial Sewer Rates:**

Same as residential

<b>Additional 2014 Data by Community</b>			
Does this Community Use Second Meters?	No	Does this Community Offer Senior and/or Low Income Discounts?	No
<b>Water System</b>		<b>Sewer System</b>	
MWRA Charges as % of Total Community Water Expenses	No Response	MWRA Charges as % of Total Community Sewer Expenses	No Response
Miles of water pipeline replaced/rehabilitated in FY14	Over 6 miles	Miles of sewer pipeline replaced/rehabilitated in FY14	3-6
Water Capital Needs over Next Five Years	\$10-20 million	Sewer Capital Needs over Next Five Years	\$10-20 million
Anticipated Water Capital Spending over Next Five Years	\$5-10 million	Anticipated Sewer Capital Spending over Next Five Years	\$5-10 million
<b>Stormwater</b>			
Current Funding Source of Stormwater-Related Costs:	Tax Levy (DPW Budget)		

# Marblehead (W)

**Residential Water Rates:**

Last adjusted: July 2014  
 Next adjustment scheduled: July 2015  
 Fund: Enterprise  
 Administrative Charge \$14.75/bill  
 0 – 30 HCF \$ 4.45/HCF  
 >30 HCF \$ 5.05 "  
 Billing Frequency: Quarterly

**Residential Sewer Rates:**

Last adjusted: July 2014  
 Next adjustment scheduled: July 2015  
 Fund: Enterprise  
 Administrative Charge \$11.50/bill  
 0 – 30 HCF \$ 8.95/HCF  
 >30 HCF \$ 9.30 "  
 Based on 100% of water usage.

<b>Annual Cost</b> <b>AWWA Standard for Historical Comparison</b> (120 HCF ≈ 90,000 gals.)	
Water	\$593.00
Sewer	\$1,120.00
Combined	\$1,713.00
% change from 2013	26.2%

<b>Annual Cost</b> <b>Based on Local, State &amp; Federal Data</b> (85.6 HCF – See Appendix C for Data & Calc.)	
Water	\$439.92
Sewer	\$812.12
Combined	\$1,252.04

**Commercial Water Rates:**  
Same as residential

**Commercial Sewer Rates:**  
Same as residential

- ◆ Marblehead is a member of the South Essex Sewerage District.
- ◆ Sewer deduct meters are utilized in Marblehead, reducing total sewerage bills on average by 20%.
- ◆ FY2015 increase in Sewer Rates is primarily due to the emergency replacement of two sewer transmission lines under Salem Harbor.

<b>Additional 2014 Data by Community</b>			
Does this Community Use Second Meters?	Yes	Does this Community Offer Senior and/or Low Income Discounts?	No
<b>Water System</b>		<b>Sewer System</b>	
MWRA Charges as % of Total Community Water Expenses	50-75%	MWRA Charges as % of Total Community Sewer Expenses	N/A
Miles of water pipeline replaced/rehabilitated in FY14	1-3	Miles of sewer pipeline replaced/rehabilitated in FY14	Less than 1
Water Capital Needs over Next Five Years	\$0-10 million	Sewer Capital Needs over Next Five Years	\$20-50 million
Anticipated Water Capital Spending over Next Five Years	\$1-5 million	Anticipated Sewer Capital Spending over Next Five Years	\$1-5 million
<b>Stormwater</b>			
Current Funding Source of Stormwater-Related Costs:	Tax Levy (Drain Dept. Budget)		

# Marlborough (partial W)

**Residential Water Rates:**

Last adjusted: July 2014  
 Next adjustment scheduled: July 2015  
 Fund: General  
 In-City (All Units) \$5.60/HCF  
 Out-of-City (All Units) \$5.86/HCF

**Residential Sewer Rates:**

Last adjusted: July 2014  
 Next adjustment scheduled: July 2015  
 Fund: General  
 In-City (All Units) \$5.78/HCF  
 Out-of-City (All Units) \$6.05/HCF  
 Based on 100% of water consumption.

Billing Frequency:

Residential: Quarterly | Commercial: Bi-Monthly

<b>Annual Cost (In-City) AWWA Standard for Historical Comparison (120 HCF ≈ 90,000 gals.)</b>	
Water	\$672.00
Sewer	\$693.60
Combined	\$1,365.60
% change from 2013	5.1%

<b>Annual Cost (In-City) Based on Local, State &amp; Federal Data (55.2 HCF – See Appendix C for Data &amp; Calc.)</b>	
Water	\$309.12
Sewer	\$319.06
Combined	\$628.18

**Commercial Water Rates:**

Same as residential

**Commercial Sewer Rates:**

Same as residential

<b>Additional 2014 Data by Community</b>			
Does this Community Use Second Meters?		Does this Community Offer Senior and/or Low Income Discounts?	
<b>Water System</b>		<b>Sewer System</b>	
MWRA Charges as % of Total Community Water Expenses	50-75%	MWRA Charges as % of Total Community Sewer Expenses	N/A
Miles of water pipeline replaced/rehabilitated in FY14	1-3	Miles of sewer pipeline replaced/rehabilitated in FY14	1-3
Water Capital Needs over Next Five Years	Over \$50 million	Sewer Capital Needs over Next Five Years	Over \$50 million
Anticipated Water Capital Spending over Next Five Years	Over \$10 Million	Anticipated Sewer Capital Spending over Next Five Years	Over \$10 million
<b>Stormwater</b>			
Current Funding Source of Stormwater-Related Costs:		Tax Levy (DPW Budget)	

# Medford (W/S)

**Residential Water Rates:**

Last adjusted:	Sept. 2014
Next adjustment scheduled:	Unknown
Fund:	Enterprise
0 – 8 HCF	\$5.74/HCF
8 – 16 HCF	\$6.14/ "
>16 HCF	\$6.54/ "

Billing Frequency: Bi-monthly

**Residential Sewer Rates:**

Last adjusted:	Sept. 2014
Next adjustment scheduled:	Unknown
Fund:	Enterprise
0 – 8 HCF	\$7.17/HCF
8 – 16 HCF	\$7.67/ "
>16 HCF	\$8.17/ "

Based on 100% of water usage.

<b>Annual Cost</b> <b>AWWA Standard for Historical Comparison</b> (120 HCF ≈ 90,000 gals.)	
Water	\$727.20
Sewer	\$908.40
Combined	\$1,635.60
% change from 2013	3.2%

<b>Annual Cost</b> <b>Based on Local, State &amp; Federal Data</b> (63.3 HCF – See Appendix C for Data & Calc.)	
Water	\$369.46
Sewer	\$461.51
Combined	\$830.97

**Commercial Water Rates:**

All Units: \$6.14/HCF

**Commercial Sewer Rates:**

All Units: \$7.67/HCF

<b>Additional 2014 Data by Community</b>			
Does this Community Use Second Meters?		Does this Community Offer Senior and/or Low Income Discounts?	
		Yes, Senior	
MWRA Charges as % of Total Community Water Expenses	50-75%	MWRA Charges as % of Total Community Sewer Expenses	Over 75%
Miles of water pipeline replaced/rehabilitated in FY14	1-3	Miles of sewer pipeline replaced/rehabilitated in FY14	Less than 1
Water Capital Needs over Next Five Years	\$0-10 million	Sewer Capital Needs over Next Five Years	\$10-20 million
Anticipated Water Capital Spending over Next Five Years	\$1-5 million	Anticipated Sewer Capital Spending over Next Five Years	\$1-5 million
<b>Stormwater</b>			
Current Funding Source of Stormwater-Related Costs:		Operating Budget	

- Stormwater is funded through Medford's annual operating budget and, less frequently, via special assessment. The operating budget is typically the largest source of funding.
- Tax exempt properties and residential units with 5 units or more are billed at the commercial and industrial flat rate of \$6.14/HCF for water and \$7.67/HCF for sewer.
- 2<sup>nd</sup> meter (irrigation) rate is \$6.54/HCF for all residential units with city irrigation meter.

# Melrose (W/S)

**Residential Water Rates:**

Last adjusted:	July 2014
Next adjustment scheduled:	July 2015
Fund:	Enterprise
Base Fee (up to 1" meter)	\$15.00/quarter
0 – 20 HCF	\$ 5.65/HCF
>20 – 100 HCF	\$ 7.55/ "
>100 HCF	\$ 8.41/ "
Billing Frequency:	Quarterly

**Residential Sewer Rates:**

Last adjusted:	July 2014
Next adjustment scheduled:	July 2015
Fund:	Enterprise
Base Fee (up to 1" meter)	\$ 5.00/quarter
0 – 20 HCF	\$ 9.72/HCF
>20 – 100 HCF	\$11.82/ "
>100 HCF	\$12.45/ "

Based on 100% water usage.

<b>Annual Cost</b> <b>AWWA Standard for Historical Comparison</b> (120 HCF ≈ 90,000 gals.)	
Water	\$814.00
Sewer	\$1,128.56
Combined	\$1,942.56
% change from 2013	7.4%

<b>Annual Cost</b> <b>Based on Local, State &amp; Federal Data</b> (53.0 HCF – See Appendix C for Data & Calc.)	
Water	\$359.45
Sewer	\$535.16
Combined	\$894.61

**Commercial Water Rates:**

Same as residential

**Commercial Sewer Rates:**

Same as residential

<b>Additional 2014 Data by Community</b>			
Does this Community Use Second Meters?	Yes	Does this Community Offer Senior and/or Low Income Discounts?	Yes, Senior
<b>Water System</b>		<b>Sewer System</b>	
MWRA Charges as % of Total Community Water Expenses	50-75%	MWRA Charges as % of Total Community Sewer Expenses	50-75%
Miles of water pipeline replaced/rehabilitated in FY14	1-3	Miles of sewer pipeline replaced/rehabilitated in FY14	Less than 1
Water Capital Needs over Next Five Years	\$20-50 million	Sewer Capital Needs over Next Five Years	\$20-50 million
Anticipated Water Capital Spending over Next Five Years	\$5-10 million	Anticipated Sewer Capital Spending over Next Five Years	\$5-10 million
<b>Stormwater</b>			
Current Funding Source of Stormwater-Related Costs:	Tax Levy (DPW Budget)		

# Milton (W/S)

**Residential Water Rates:**

Last adjusted:	July 2014
Next adjustment scheduled:	July 2015
Fund:	Enterprise
Minimum charge includes	
0 – 6 HCF	\$31.08/bill
>6 – 30 HCF	\$ 6.29 /HCF
>30 – 60 HCF	\$ 6.93 "
>60 HCF	\$ 7.36 "
Billing Frequency:	Quarterly

**Residential Sewer Rates:**

Last adjusted:	July 2014
Next adjustment scheduled:	July 2015
Fund:	Enterprise
Minimum charge includes	
0 – 6 HCF	\$35.16/bill
>6 – 30 HCF	\$11.53/HCF
>30 – 60 HCF	\$12.70 "
>60 HCF	\$13.55 "

Based on 100% of water usage.

<b>Annual Cost AWWA Standard for Historical Comparison (120 HCF ≈ 90,000 gals.)</b>	
Water	\$728.16
Sewer	\$1,247.52
Combined	\$1,975.68
% change from 2013	2.4%

<b>Annual Cost Based on Local, State &amp; Federal Data (72.4 HCF – See Appendix C for Data &amp; Calc.)</b>	
Water	\$428.76
Sewer	\$698.69
Combined	\$1,127.45

**Commercial Water Rates:**

Same as residential

**Commercial Sewer Rates:**

Same as residential

<b>Additional 2014 Data by Community</b>			
Does this Community Use Second Meters?	Yes	Does this Community Offer Senior and/or Low Income Discounts?	No
<b>Water System</b>		<b>Sewer System</b>	
MWRA Charges as % of Total Community Water Expenses	50-75%	MWRA Charges as % of Total Community Sewer Expenses	50-75%
Miles of water pipeline replaced/rehabilitated in FY14	1-3	Miles of sewer pipeline replaced/rehabilitated in FY14	1-3
Water Capital Needs over Next Five Years	\$10-20 million	Sewer Capital Needs over Next Five Years	\$0-10 million
Anticipated Water Capital Spending over Next Five Years	Over \$10 million	Anticipated Sewer Capital Spending over Next Five Years	\$5-10 million
<b>Stormwater</b>			
Current Funding Source of Stormwater-Related Costs:	Tax Levy (DPW Budget)		

# Nahant (W)

**Residential Water Rates:**

Last adjusted: July 2014  
 Next adjustment scheduled: July 2015  
 Fund: Enterprise  
 All units \$6.72/HCF  
 Billing Frequency: Tri-Annually

**Residential Sewer Rates:**

Last adjusted: July 2014  
 Next adjustment scheduled: July 2015  
 Fund: Enterprise  
 All units \$8.89/HCF  
 Based on 100% of water usage.

<b>Annual Cost</b> <b>AWWA Standard for Historical Comparison</b> (120 HCF ≈ 90,000 gals.)	
Water	\$806.40
Sewer	\$1,066.80
Combined	\$1,873.20
% change from 2013	0.0%

<b>Annual Cost</b> <b>Based on Local, State &amp; Federal Data</b> (98.4 HCF – See Appendix C for Data & Calc.)	
Water	\$661.25
Sewer	\$874.78
Combined	\$1,536.02

**Commercial Water Rates:**

Same as residential

**Commercial Sewer Rates:**

Same as residential

- ◆ Nahant receives wholesale wastewater services from the Lynn Water and Sewer Commission.
- ◆ Nahant utilizes the debt service exclusion as permitted under General Law 59 Section 21C(n)

Additional 2014 Data by Community			
Does this Community Use Second Meters?	Yes	Does this Community Offer Senior and/or Low Income Discounts?	No
Water System		Sewer System	
MWRA Charges as % of Total Community Water Expenses	25-50%	MWRA Charges as % of Total Community Sewer Expenses	N/A
Miles of water pipeline replaced/rehabilitated in FY14	1-3	Miles of sewer pipeline replaced/rehabilitated in FY14	1-3
Water Capital Needs over Next Five Years	\$0-10 million	Sewer Capital Needs over Next Five Years	\$0-10 million
Anticipated Water Capital Spending over Next Five Years	\$100 thousand to \$1 million	Anticipated Sewer Capital Spending over Next Five Years	\$100 thousand to \$1 million
Stormwater			
Current Funding Source of Stormwater-Related Costs:	Tax Levy (DPW Budget)		

# Natick (S)

**Residential Water Rates:**

Last adjusted:	July 2014
Next adjustment scheduled:	July 2015
Fund:	Enterprise
Administrative Fee	\$5.00/bill
0 – 10 HCF	\$1.65/HCF
>10 – 20 HCF	\$2.52 "
>20 – 40 HCF	\$3.73 "
>40 HCF	\$5.79 "
Billing Frequency:	Quarterly

**Residential Sewer Rates:**

Last adjusted:	July 2014
Next adjustment scheduled:	July 2015
Fund:	Enterprise
0 – 10 HCF	\$ 4.44/HCF
>10 – 20 HCF	\$ 7.91 "
>20 HCF	\$13.08 "

Based on 100% of water usage.

<b>Annual Cost AWWA Standard for Historical Comparison (120 HCF ≈ 90,000 gals.)</b>	
Water	\$336.00
Sewer	\$1,017.20
Combined	\$1,353.20
% change from 2013	3.2%

<b>Annual Cost Based on Local, State &amp; Federal Data (72.8 HCF – See Appendix C for Data &amp; Calc.)</b>	
Water	\$164.03
Sewer	\$423.25
Combined	\$587.28

**Commercial Water Rates:**

Same as residential

**Commercial Sewer Rates:**

Same as residential

<b>Additional 2014 Data by Community</b>			
Does this Community Use Second Meters?		Does this Community Offer Senior and/or Low Income Discounts?	Yes, Senior
<b>Water System</b>		<b>Sewer System</b>	
MWRA Charges as % of Total Community Water Expenses	N/A	MWRA Charges as % of Total Community Sewer Expenses	Over 75%
Miles of water pipeline replaced/rehabilitated in FY14	Less than 1	Miles of sewer pipeline replaced/rehabilitated in FY14	1-3
Water Capital Needs over Next Five Years	\$0-10 million	Sewer Capital Needs over Next Five Years	\$0-10 million
Anticipated Water Capital Spending over Next Five Years	\$5-10 million	Anticipated Sewer Capital Spending over Next Five Years	\$5-10 million
<b>Stormwater</b>			
Current Funding Source of Stormwater-Related Costs:		Tax Levy (DPW Budget)	

# Needham (S/partial W)

**Residential Water Rates:**

Last adjusted:	June 2014
Next adjustment scheduled:	No response
Fund:	Enterprise
Basic Service Fee:	\$15.00
0 – 6 HCF	\$ 3.00/HCF
>6 – 27 HCF	\$ 3.75 "
>27 – 42 HCF	\$ 4.60 "
>42 HCF	\$ 5.06 "

**Residential Sewer Rates:**

Last adjusted:	June 2014
Next adjustment scheduled:	No response
Fund:	Enterprise
Basic Service Fee:	\$ 9.00
0 – 6 HCF	\$ 8.40/HCF
>6 – 27 HCF	\$ 8.40 "
>27 – 42 HCF	\$ 9.85 "
>42 HCF	\$10.67 "

Based on 100% of water usage.

Billing Frequency:

Residential – Quarterly, Commercial - Monthly

<b>Annual Cost AWWA Standard for Historical Comparison (120 HCF ≈ 90,000 gals.)</b>	
Water	\$502.20
Sewer	\$1,061.40
Combined	\$1,563.60
% change from 2013	5.6%

<b>Annual Cost Based on Local, State &amp; Federal Data (94.3 HCF – See Appendix C for Data &amp; Calc.)</b>	
Water	\$395.63
Sewer	\$828.12
Combined	\$1,223.75

**Commercial Water Rates:**

Same as residential

**Commercial Sewer Rates:**

Same as residential

<b>Additional 2014 Data by Community</b>			
Does this Community Use Second Meters?	Yes	Does this Community Offer Senior and/or Low Income Discounts?	Yes, Senior
<b>Water System</b>		<b>Sewer System</b>	
MWRA Charges as % of Total Community Water Expenses	25-50%	MWRA Charges as % of Total Community Sewer Expenses	25-50%
Miles of water pipeline replaced/rehabilitated in FY14	1-3	Miles of sewer pipeline replaced/rehabilitated in FY14	1-3
Water Capital Needs over Next Five Years	\$10-20 million	Sewer Capital Needs over Next Five Years	\$10-20 million
Anticipated Water Capital Spending over Next Five Years	Over \$10 million	Anticipated Sewer Capital Spending over Next Five Years	\$5-10 million
<b>Stormwater</b>			
Current Funding Source of Stormwater-Related Costs:	Tax Levy (DPW Budget)		

# Newton (W/S)

**Residential Water Rates:**

Last adjusted:	July 2014
Next adjustment scheduled:	July 2015
Fund:	Enterprise
0 - 20 HCF	\$6.07/HCF
>20 - 70 HCF	\$7.27 "
>70 HCF	\$8.74 "
Billing Frequency:	Quarterly

**Residential Sewer Rates:**

Last adjusted:	July 2014
Next adjustment scheduled:	July 2015
Fund:	Enterprise
0 - 20 HCF	\$ 8.94/HCF
>20 - 70 HCF	\$10.73 "
>70 HCF	\$12.88 "
Based on 100% of water usage.	

<b>Annual Cost</b>	
<b>AWWA Standard for Historical Comparison</b> (120 HCF ≈ 90,000 gals.)	

Water	\$776.40
Sewer	\$1,144.40
Combined	\$1,920.80
% change from 2013	3.9%

<b>Annual Cost</b>	
<b>Based on Local, State &amp; Federal Data</b> (64.1 HCF – See Appendix C for Data & Calc.)	

Water	\$389.09
Sewer	\$573.05
Combined	\$962.14

**Commercial Water Rates:**  
Same as residential**Commercial Sewer Rates:**  
Same as residential

<b>Additional 2014 Data by Community</b>			
Does this Community Use Second Meters?	No	Does this Community Offer Senior and/or Low Income Discounts?	Yes, Senior
<b>Water System</b>		<b>Sewer System</b>	
MWRA Charges as % of Total Community Water Expenses	25-50%	MWRA Charges as % of Total Community Sewer Expenses	50-75%
Miles of water pipeline replaced/rehabilitated in FY14	3-6	Miles of sewer pipeline replaced/rehabilitated in FY14	7-9
Water Capital Needs over Next Five Years	\$10-20 million	Sewer Capital Needs over Next Five Years	\$15-25 million
Anticipated Water Capital Spending over Next Five Years	Over \$10 million	Anticipated Sewer Capital Spending over Next Five Years	Over \$10 million
<b>Stormwater</b>			
Current Funding Source of Stormwater-Related Costs:	Special Assessment		

Newton is 1 of 3 MWRA communities that has established a special assessment to fund stormwater-related costs. The stormwater fee is \$6.25 per quarter; \$25 per year. For more information, see [Appendix G](#).

# Northborough (partial W)

**Residential Water Rates:**

Last adjusted:	Dec. 2013
Next adjustment scheduled:	July 2015
Fund:	Enterprise
Base charge	\$10.00/bill
0 – 20 HCF	\$ 4.276/HCF
>20 – 60 HCF	\$ 5.125 "
>60 HCF	\$ 6.316 "
Billing Frequency:	Quarterly

**Residential Sewer Rates:**

Last adjusted:	Dec. 2013
Next adjustment scheduled:	July 2015
Fund:	Enterprise
0 – 20 HCF	\$6.250/HCF
>20 – 60 HCF	\$6.490 "
>60 HCF	\$6.780 "

Based on 100% of water usage.

<b>Annual Cost</b> <b>AWWA Standard for Historical Comparison</b> (120 HCF ≈ 90,000 gals.)	
Water	\$587.08
Sewer	\$759.60
Combined	\$1,346.68
% change from 2013	0.0%

<b>Annual Cost</b> <b>Based on Local, State &amp; Federal Data</b> (62.9 HCF – See Appendix C for Data & Calc.)	
Water	\$308.96
Sewer	\$393.13
Combined	\$702.09

**Commercial Water Rates:**

Same as residential

**Commercial Sewer Rates:**

Same as residential

<b>Additional 2014 Data by Community</b>			
Does this Community Use Second Meters?	No	Does this Community Offer Senior and/or Low Income Discounts?	Yes, Low Income
<b>Water System</b>		<b>Sewer System</b>	
MWRA Charges as % of Total Community Water Expenses	50-75%	MWRA Charges as % of Total Community Sewer Expenses	N/A
Miles of water pipeline replaced/rehabilitated in FY14	Less than 1	Miles of sewer pipeline replaced/rehabilitated in FY14	Less than 1
Water Capital Needs over Next Five Years	\$0-10 million	Sewer Capital Needs over Next Five Years	\$0-10 million
Anticipated Water Capital Spending over Next Five Years	\$100 thousand to \$1 million	Anticipated Sewer Capital Spending over Next Five Years	\$100 thousand to \$1 million
<b>Stormwater</b>			
Current Funding Source of Stormwater-Related Costs:	Tax Levy (DPW Budget)		

# Norwood (W/S)

**Residential Water Rates:**

Last adjusted: May 2014  
 Next adjustment scheduled: May 2015  
 Fund: General  
 Meter charge (5/8") \$2.66/month  
 0 – 5 HCF \$3.55/HCF  
 >5 HCF \$5.25 "  
 Billing Frequency: Monthly

**Residential Sewer Rates:**

Last adjusted: May 2014  
 Next adjustment scheduled: May 2015  
 Fund: General  
 0 – 3 HCF \$ 7.26/HCF  
 >3 HCF \$14.01 "  
 Based on 60% of water usage.

Annual Cost AWWA Standard for Historical Comparison (120 HCF ≈ 90,000 gals.)	
Water	\$559.92
Sewer	\$765.72
Combined	\$1,325.64
% change from 2013	8.1%

Annual Cost Based on Local, State & Federal Data (63.8 HCF – See Appendix C for Data & Calc.)	
Water	\$258.42
Sewer	\$277.93
Combined	\$536.35

**Commercial Water Rates:**

Same as residential

**Commercial Sewer Rates:**

Same as residential

Additional 2014 Data by Community			
Does this Community Use Second Meters?		Does this Community Offer Senior and/or Low Income Discounts?	
Yes		No	
MWRA Charges as % of Total Community Water Expenses	50-75%	MWRA Charges as % of Total Community Sewer Expenses	Over 75%
Miles of water pipeline replaced/rehabilitated in FY14	1-3	Miles of sewer pipeline replaced/rehabilitated in FY14	1-3
Water Capital Needs over Next Five Years	\$0-10 million	Sewer Capital Needs over Next Five Years	\$10-20 million
Anticipated Water Capital Spending over Next Five Years	\$1-5 million	Anticipated Sewer Capital Spending over Next Five Years	\$1-5 million
Stormwater			
Current Funding Source of Stormwater-Related Costs:		Tax Levy (DPW Budget)	

# Peabody (partial W)

**Residential Water Rates:**

Last adjusted:	March 2003
Next adjustment scheduled:	No response
Fund:	General
Minimum Charge:	\$5.00/Quarter
0 – 15 HCF	\$2.44/HCF
>15 – 30 HCF	\$2.66 "
>30 HCF	\$2.90 "
Billing Frequency:	Quarterly

**Residential Sewer Rates:**

Last adjusted:	March 2003
Next adjustment scheduled:	No response
Fund:	General
0 – 15 HCF	\$3.25/HCF
>15 HCF	\$3.58 "

Based on 100% of water usage.

<b>Annual Cost</b>	
<b>AWWA Standard for Historical Comparison</b>	
(120 HCF ≈ 90,000 gals.)	
Water	\$306.00
Sewer	\$409.80
Combined	\$715.80
% change from 2013	0.0%

<b>Annual Cost</b>	
<b>Based on Local, State &amp; Federal Data</b>	
(67.1 HCF – See Appendix C for Data & Calc.)	
Water	\$165.29
Sewer	\$220.42
Combined	\$385.70

**Commercial Water Rates:**

0 – 15 HCF	\$2.90/HCF
>15 – 150 HCF	\$3.16 "
>150 HCF	\$3.44 "

**Commercial Sewer Rates:**

0 – 15 HCF	\$3.75/HCF
>15 HCF	\$4.13 "

- ◆ Peabody receives wholesale wastewater service from the South Essex Sewerage District.

Additional 2014 Data by Community			
Does this Community Use Second Meters?	Yes	Does this Community Offer Senior and/or Low Income Discounts?	No
<b>Water System</b>		<b>Sewer System</b>	
MWRA Charges as % of Total Community Water Expenses	0-25%	MWRA Charges as % of Total Community Sewer Expenses	N/A
Miles of water pipeline replaced/rehabilitated in FY14	No Response	Miles of sewer pipeline replaced/rehabilitated in FY14	No Response
Water Capital Needs over Next Five Years	\$0-10 million	Sewer Capital Needs over Next Five Years	\$0-10 million
Anticipated Water Capital Spending over Next Five Years	\$100 thousand to \$1 million	Anticipated Sewer Capital Spending over Next Five Years	\$100 thousand to \$1 million
Stormwater			
Current Funding Source of Stormwater-Related Costs:		Tax Levy (DPW Budget)	

# Quincy (W/S)

**Residential Water Rates:**

Last adjusted: July 2014  
 Next adjustment scheduled: July 2015  
 Fund: Enterprise  
 All units \$5.47/HCF  
 Billing Frequency: Monthly

**Residential Sewer Rates:**

Last adjusted: July 2014  
 Next adjustment scheduled: July 2015  
 Fund: Enterprise  
 All units \$12.55/HCF  
 Based on 70% of water usage.

<b>Annual Cost</b> <b>AWWA Standard for Historical Comparison</b> (120 HCF ≈ 90,000 gals.)	
Water	\$656.40
Sewer	\$1,054.20
Combined	\$1,710.60
% change from 2013	2.1%

<b>Annual Cost</b> <b>Based on Local, State &amp; Federal Data</b> (45.4 HCF – See Appendix C for Data & Calc.)	
Water	\$248.32
Sewer	\$398.80
Combined	\$647.12

**Commercial Water Rates:**

Same as residential

**Commercial Sewer Rates:**

Same as residential

<b>Additional 2014 Data by Community</b>			
Does this Community Use Second Meters?	Yes	Does this Community Offer Senior and/or Low Income Discounts?	Yes, Senior
<b>Water System</b>		<b>Sewer System</b>	
MWRA Charges as % of Total Community Water Expenses	50-75%	MWRA Charges as % of Total Community Sewer Expenses	50-75%
Miles of water pipeline replaced/rehabilitated in FY14	Less than 1	Miles of sewer pipeline replaced/rehabilitated in FY14	Less than 1
Water Capital Needs over Next Five Years	\$20-50 million	Sewer Capital Needs over Next Five Years	\$20-50 million
Anticipated Water Capital Spending over Next Five Years	Over \$10 million	Anticipated Sewer Capital Spending over Next Five Years	\$5-10 million
<b>Stormwater</b>			
Current Funding Source of Stormwater-Related Costs:	Tax Levy (DPW Budget)		

# Randolph (S)

**Residential Water Rates:**

Last adjusted: July 2014  
 Next adjustment scheduled: July 2015  
 Fund: Enterprise  
 Base charge: \$35.00/bill  
 0 – 50 CF \$ 3.97/HCF  
 >50 CF \$ 5.04/HCF  
 Billing Frequency: Semi-Annually

**Residential Sewer Rates:**

Last adjusted: July 2014  
 Next adjustment scheduled: July 2015  
 Fund: Enterprise  
 Base charge: \$25.00/bill  
 0 – 50 CF \$ 6.38/HCF  
 >50 CF \$10.90 "  
 Based on 100% of water usage.

<b>Annual Cost</b> <b>AWWA Standard for Historical Comparison</b> (120 HCF ≈ 90,000 gals.)	
Water	\$567.80
Sewer	\$906.00
Combined	\$1,473.80
% change from 2013	5.9%

<b>Annual Cost</b> <b>Based on Local, State &amp; Federal Data</b> (64.0 HCF – See Appendix C for Data & Calc.)	
Water	\$324.08
Sewer	\$458.32
Combined	\$782.40

**Commercial Water Rates:**  
Same as residential

**Commercial Sewer Rates:**  
Same as residential

<b>Additional 2014 Data by Community</b>			
Does this Community Use Second Meters?		Does this Community Offer Senior and/or Low Income Discounts?	Yes, Senior
<b>Water System</b>		<b>Sewer System</b>	
MWRA Charges as % of Total Community Water Expenses	N/A	MWRA Charges as % of Total Community Sewer Expenses	Over 75%
Miles of water pipeline replaced/rehabilitated in FY14	1-3	Miles of sewer pipeline replaced/rehabilitated in FY14	Less than 1
Water Capital Needs over Next Five Years	\$20-50 million	Sewer Capital Needs over Next Five Years	\$0-10 million
Anticipated Water Capital Spending over Next Five Years	Over \$10 million	Anticipated Sewer Capital Spending over Next Five Years	\$100 thousand to \$1 million
<b>Stormwater</b>			
Current Funding Source of Stormwater-Related Costs:		Tax Levy (DPW Budget)	

# Reading (W/S)

**Residential Water Rates:**

Last adjusted: June 2013  
 Next adjustment scheduled: September 2014  
 Fund: Enterprise  
 Minimum bill: \$18.34  
 All units \$ 9.17/HCF  
 Billing Frequency: Quarterly

**Residential Sewer Rates:**

Last adjusted: June 2013  
 Next adjustment scheduled: September 2014  
 Fund: Enterprise  
 Minimum bill: \$20.76  
 All units \$10.38/HCF  
 Based on 100% of water usage.

<b>Annual Cost</b> <b>AWWA Standard for Historical Comparison</b> (120 HCF ≈ 90,000 gals.)	
Water	\$1,100.40
Sewer	\$1,245.60
Combined	\$2,346.00
% change from 2013	0.0%

<b>Annual Cost</b> <b>Based on Local, State &amp; Federal Data</b> (61.0 HCF – See Appendix C for Data & Calc.)	
Water	\$559.37
Sewer	\$633.18
Combined	\$1,192.55

**Commercial Water Rates:**

Same as residential

Senior and/or Low Income Discounts: None

**Commercial Sewer Rates:**

Same as residential

<b>Additional 2014 Data by Community</b>			
Does this Community Use Second Meters?		Does this Community Offer Senior and/or Low Income Discounts?	
MWRA Charges as % of Total Community Water Expenses	25-50%	MWRA Charges as % of Total Community Sewer Expenses	Over 75%
Miles of water pipeline replaced/rehabilitated in FY14	Less than 1	Miles of sewer pipeline replaced/rehabilitated in FY14	3-6
Water Capital Needs over Next Five Years	\$10-20 million	Sewer Capital Needs over Next Five Years	\$10-20 million
Anticipated Water Capital Spending over Next Five Years	\$5-10 million	Anticipated Sewer Capital Spending over Next Five Years	\$1-5 million
<b>Stormwater</b>			
Current Funding Source of Stormwater-Related Costs:		Special Assessment	

Reading is 1 of 3 MWRA communities that has established a special assessment to fund stormwater-related costs. The stormwater fee is \$10 per quarter; \$40 per year. For more information, see [Appendix G](#).

# Revere (W/S)

**Residential Water Rates:**

Last adjusted: July 2014  
 Next adjustment scheduled: July 2015  
 Fund: Enterprise  
 All units \$3.91/HCF

Billing Frequency: Residential: Quarterly

**Residential Sewer Rates:**

Last adjusted: July 2014  
 Next adjustment scheduled: July 2015  
 Fund: Enterprise  
 All units \$11.71/HCF  
 Based on 100% of water usage.

Commercial: Monthly

<b>Annual Cost</b> <b>AWWA Standard for Historical Comparison</b> (120 HCF ≈ 90,000 gals.)	
Water	\$469.20
Sewer	\$1,405.20
Combined	\$1,874.40
% change from 2013	2.3%

<b>Annual Cost</b> <b>Based on Local, State &amp; Federal Data</b> (48.7 HCF – See Appendix C for Data & Calc.)	
Water	\$190.42
Sewer	\$570.28
Combined	\$760.69

**Commercial Water Rates:**

All units: \$5.76/HCF

**Commercial Sewer Rates:**

All units: \$17.34/HCF

<b>Additional 2014 Data by Community</b>			
Does this Community Use Second Meters?	Yes	Does this Community Offer Senior and/or Low Income Discounts?	Yes, Senior
<b>Water System</b>		<b>Sewer System</b>	
MWRA Charges as % of Total Community Water Expenses	50-75%	MWRA Charges as % of Total Community Sewer Expenses	50-75%
Miles of water pipeline replaced/rehabilitated in FY14	1-3	Miles of sewer pipeline replaced/rehabilitated in FY14	3-6
Water Capital Needs over Next Five Years	\$10-20 million	Sewer Capital Needs over Next Five Years	\$20-50 million
Anticipated Water Capital Spending over Next Five Years	Over \$10 million	Anticipated Sewer Capital Spending over Next Five Years	Over \$10 million
<b>Stormwater</b>			
Current Funding Source of Stormwater-Related Costs:	Tax Levy (DPW Budget)		

# Saugus (W)

**Residential Water Rates:**

Last adjusted:	July 2014
Next adjustment scheduled:	Unknown
Fund:	Enterprise
Minimum Charge (20 HCF)	\$76.73
>20 – 30 HCF	\$ 4.08/HCF
>30 – 60 HCF	\$ 5.46 "
>60 – 100 HCF	\$ 6.83 "
>100 – 200 HCF	\$ 7.62 "
>200 – 500 HCF	\$ 8.54 "
>500 – 1,000 HCF	\$ 9.20 "
>1,000 HCF	\$ 8.63 "

Billing Frequency: Semi-Annually

**Residential Sewer Rates:**

Last adjusted:	July 2011
Next adjustment scheduled:	Unknown
Fund:	Enterprise
Minimum Charge (20 HCF)	\$60.00
>20 – 30 HCF	\$ 2.20/HCF
>30 – 60 HCF	\$ 3.00 "
>60 – 100 HCF	\$ 4.20 "
>100 – 200 HCF	\$ 5.20 "
>200 – 500 HCF	\$ 6.20 "
>500 – 1,000 HCF	\$ 6.90 "
>1,000 HCF	\$ 7.20 "

Based on 100% of water usage.

<b>Annual Cost AWWA Standard for Historical Comparison (120 HCF ≈ 90,000 gals.)</b>	
Water	\$562.66
Sewer	\$344.00
Combined	\$906.66
% change from 2013	5.8%

<b>Annual Cost Based on Local, State &amp; Federal Data (76.8 HCF – See Appendix C for Data &amp; Calc.)</b>	
Water	\$326.79
Sewer	\$214.40
Combined	\$541.19

**Commercial Water Rates:**

Same as residential

**Commercial Sewer Rates:**

Same as residential

<b>Additional 2014 Data by Community</b>			
Does this Community Use Second Meters?	Yes	Does this Community Offer Senior and/or Low Income Discounts?	No
<b>Water System</b>		<b>Sewer System</b>	
MWRA Charges as % of Total Community Water Expenses	Over 75%	MWRA Charges as % of Total Community Sewer Expenses	N/A
Miles of water pipeline replaced/rehabilitated in FY14	1-3	Miles of sewer pipeline replaced/rehabilitated in FY14	Over 6 miles
Water Capital Needs over Next Five Years	\$10-20 million	Sewer Capital Needs over Next Five Years	\$0-10 million
Anticipated Water Capital Spending over Next Five Years	\$1-5 million	Anticipated Sewer Capital Spending over Next Five Years	\$5-10 million
<b>Stormwater</b>			
Current Funding Source of Stormwater-Related Costs:	Tax Levy (DPW Budget)		

# Somerville (W/S)

**Residential Water Rates:**

Last adjusted:	July 2014
Next adjustment scheduled:	July 2015
Fund:	Enterprise
0 – 13 HCF	\$3.73/HCF
>13 – 67 HCF	\$5.38 "
>67 – 133 HCF	\$5.64 "
>133 HCF	\$5.85 "

**Residential Sewer Rates:**

Last adjusted:	July 2014
Next adjustment scheduled:	July 2015
Fund:	Enterprise
0 – 13 HCF	\$6.38/HCF
>13 – 67 HCF	\$8.14 "
>67 – 133 HCF	\$8.54 "
>133 HCF	\$8.84 "

Based on 100% of water usage.

Billing Frequency:

Residential: Tri-Annually

Commercial: Bi-Monthly

<b>Annual Cost</b> <b>AWWA Standard for Historical Comparison</b> (120 HCF ≈ 90,000 gals.)	
Water	\$581.25
Sewer	\$908.16
Combined	\$1,489.41
% change from 2013	1.2%

<b>Annual Cost</b> <b>Based Local, State &amp; Federal Data</b> (54.8 HCF – See Appendix C for Data & Calc.)	
Water	\$230.48
Sewer	\$377.44
Combined	\$607.92

**Commercial Water Rates:**

Same as residential

**Commercial Sewer Rates:**

Same as residential

<b>Additional 2014 Data by Community</b>			
Does this Community Use Second Meters?	No	Does this Community Offer Senior and/or Low Income Discounts?	No
<b>Water System</b>		<b>Sewer System</b>	
MWRA Charges as % of Total Community Water Expenses	50-75%	MWRA Charges as % of Total Community Sewer Expenses	Over 75%
Miles of water pipeline replaced/rehabilitated in FY14	1-3	Miles of sewer pipeline replaced/rehabilitated in FY14	Less than 1
Water Capital Needs over Next Five Years	\$0-10 million	Sewer Capital Needs over Next Five Years	\$0-10 million
Anticipated Water Capital Spending over Next Five Years	\$5-10 million	Anticipated Sewer Capital Spending over Next Five Years	\$5-10 million
<b>Stormwater</b>			
Current Funding Source of Stormwater-Related Costs:	Water/Sewer Rates		

# South Hadley (partial W)

**Residential Water Rates:**

Last adjusted: June 2014  
 Next adjustment scheduled: No response  
 Fund: Enterprise  
 Base charge \$5.00/family unit  
 All units \$3.59/HCF

**Residential Sewer Rates:**

Last adjusted: Not applicable  
 Next adjustment scheduled: Not applicable  
 Fund: Not applicable  
 Community not sewerized.

Billing Frequency: Quarterly

<b>Annual Cost</b> <b>AWWA Standard for Historical Comparison</b> (120 HCF ≈ 90,000 gals.)	
Water	\$450.80
Sewer	Not Sewered
Combined	\$450.80
% change from 2013	5.6%

<b>Annual Cost</b> <b>Based on Local, State &amp; Federal Data</b> (60.8 HCF – See Appendix C for Data & Calc.)	
Water	\$238.27
Sewer	Not Sewered
Combined	\$238.27

**Commercial Water Rates:**  
Same as residential**Commercial Sewer Rates:**  
Same as residential

<b>Additional 2014 Data by Community</b>			
Does this Community Use Second Meters?		Does this Community Offer Senior and/or Low Income Discounts?	No
<b>Water System</b>		<b>Sewer System</b>	
MWRA Charges as % of Total Community Water Expenses	25-50%	MWRA Charges as % of Total Community Sewer Expenses	N/A
Miles of water pipeline replaced/rehabilitated in FY14	Less than 1	Miles of sewer pipeline replaced/rehabilitated in FY14	N/A
Water Capital Needs over Next Five Years	\$0-10 million	Sewer Capital Needs over Next Five Years	N/A
Anticipated Water Capital Spending over Next Five Years	\$100 thousand to \$1 million	Anticipated Sewer Capital Spending over Next Five Years	N/A
<b>Stormwater</b>			
Current Funding Source of Stormwater-Related Costs:		N/A	

# Southborough (W)

**Residential Water Rates:**

Last adjusted:	March 2009
Next adjustment scheduled:	No response
Fund:	Special Revenue
Minimum charge (5/8" meter) includes first 10 HCF	\$27.58
>10 – 20 HCF	\$ 3.50/HCF
>20 – 35 HCF	\$ 4.00 "
>35 – 80 HCF	\$ 5.00 "
>80 HCF	\$ 6.00 "
Billing Frequency:	Quarterly

**Residential Sewer Rates:**

Last adjusted:	n/a
Next adjustment scheduled:	n/a
Fund:	n/a

Community not sewerized.

<b>Annual Cost AWWA Standard for Historical Comparison (120 HCF ≈ 90,000 gals.)</b>	
Water	\$410.32
Sewer	Not Sewered
Combined	\$410.32
% change from 2013	0.0%

<b>Annual Cost Based on Local, State &amp; Federal Data (103.3 HCF – See Appendix C for Data &amp; Calc.)</b>	
Water	\$343.52
Sewer	Not Sewered
Combined	\$343.52

**Commercial Water Rates:**

Same as residential

**Commercial Sewer Rates:**

Not sewerized

<b>Additional 2014 Data by Community</b>			
Does this Community Use Second Meters?	No	Does this Community Offer Senior and/or Low Income Discounts?	Yes, Senior
<b>Water System</b>		<b>Sewer System</b>	
MWRA Charges as % of Total Community Water Expenses	50-75%	MWRA Charges as % of Total Community Sewer Expenses	N/A
Miles of water pipeline replaced/rehabilitated in FY14	Less than 1	Miles of sewer pipeline replaced/rehabilitated in FY14	N/A
Water Capital Needs over Next Five Years	\$0-10 million	Sewer Capital Needs over Next Five Years	N/A
Anticipated Water Capital Spending over Next Five Years	\$1-5 million	Anticipated Sewer Capital Spending over Next Five Years	N/A
<b>Stormwater</b>			
Current Funding Source of Stormwater-Related Costs:	Tax Levy (DPW Budget)		

# Stoneham (W/S)

**Residential Water Rates:**

Last adjusted: July 2014  
 Next adjustment scheduled: July 2015  
 Fund: Enterprise  
 All units \$5.00/HCF  
 Billing Frequency: Quarterly

**Residential Sewer Rates:**

Last adjusted: July 2014  
 Next adjustment scheduled: July 2015  
 Fund: Enterprise  
 All units \$9.80/HCF  
 Based on 100% of water usage.

<b>Annual Cost</b> <b>AWWA Standard for Historical Comparison</b> (120 HCF ≈ 90,000 gals.)	
Water	\$600.00
Sewer	\$1,176.00
Combined	\$1,776.00
% change from 2013	1.4%

<b>Annual Cost</b> <b>Based on Local, State &amp; Federal Data</b> (76.1 HCF – See Appendix C for Data & Calc.)	
Water	\$380.50
Sewer	\$745.78
Combined	\$1,126.28

**Commercial Water Rates:**

Same as residential

**Commercial Sewer Rates:**

Same as residential

<b>Additional 2014 Data by Community</b>			
Does this Community Use Second Meters?	Yes	Does this Community Offer Senior and/or Low Income Discounts?	Yes, Senior
<b>Water System</b>		<b>Sewer System</b>	
MWRA Charges as % of Total Community Water Expenses	50-75%	MWRA Charges as % of Total Community Sewer Expenses	50-75%
Miles of water pipeline replaced/rehabilitated in FY14	1-3	Miles of sewer pipeline replaced/rehabilitated in FY14	1-3
Water Capital Needs over Next Five Years	\$0-10 million	Sewer Capital Needs over Next Five Years	\$0-10 million
Anticipated Water Capital Spending over Next Five Years	\$1-5 million	Anticipated Sewer Capital Spending over Next Five Years	\$1-5 million
<b>Stormwater</b>			
Current Funding Source of Stormwater-Related Costs:	Tax Levy (DPW Budget)		

# Stoughton (S/ partial W)

**Residential Water Rates:**

Last adjusted:	July 2014
Next adjustment scheduled:	July 2015
Fund:	Enterprise
Service Charge (%" meter)	\$11.76/bill
0 - 26 HCF	\$ 3.78/HCF
>26 - 59 HCF	\$ 5.58 "
>59 HCF	\$ 7.73 "

Billing Frequency: Quarterly

**Residential Sewer Rates:**

Last adjusted:	July 2014
Next adjustment scheduled:	July 2015
Fund:	Enterprise
Minimum charge (7.8 HCF)	\$74.78
All units	\$ 9.60/HFC
Based on 100% of water usage.	

Customers with private wells pay a flat charge per billing period of: \$191.83 per condominium, \$287.89 per private home.

<b>Annual Cost</b> <b>AWWA Standard for Historical Comparison</b> (120 HCF ≈ 90,000 gals.)	
Water	\$529.44
Sewer	\$1,152.00
Combined	\$1,681.44
% change from 2013	2.3%

<b>Annual Cost</b> <b>Based on Local, State &amp; Federal Data</b> (74.4 HCF – See Appendix C for Data & Calc.)	
Water	\$312.64
Sewer	\$706.80
Combined	\$1,019.44

**Commercial Water Rates:**

Same as residential

**Commercial Sewer Rates:**

Same as residential

<b>Additional 2014 Data by Community</b>			
Does this Community Use Second Meters?		Does this Community Offer Senior and/or Low Income Discounts?	
Water System		Sewer System	
MWRA Charges as % of Total Community Water Expenses	25-50%	MWRA Charges as % of Total Community Sewer Expenses	25-50%
Miles of water pipeline replaced/rehabilitated in FY14	Less than 1	Miles of sewer pipeline replaced/rehabilitated in FY14	Less than 1
Water Capital Needs over Next Five Years	\$0-10 million	Sewer Capital Needs over Next Five Years	\$0-10 million
Anticipated Water Capital Spending over Next Five Years	\$5-10 million	Anticipated Sewer Capital Spending over Next Five Years	\$5-10 million
<b>Stormwater</b>			
Current Funding Source of Stormwater-Related Costs:		Tax Levy*	

\*Stormwater-related costs are recovered through the general fund, a revolving account and permit fees.

# Swampscott (W)

**Residential Water Rates:**

Last adjusted: Nov. 2013  
 Next adjustment scheduled: July 2015  
 Fund: Enterprise  
 Base Charge \$11.00/bill  
 All units \$ 6.20/HFC  
 Billing Frequency: Quarterly

**Residential Sewer Rates:**

Last adjusted: Nov. 2013  
 Next adjustment scheduled: July 2015  
 Fund: Enterprise  
 Base Charge \$8.75/bill  
 All units \$5.45/HFC  
 Based on 100% of water usage.

<b>Annual Cost</b> <b>AWWA Standard for Historical Comparison</b> (120 HCF ≈ 90,000 gals.)	
Water	\$788.00
Sewer	\$689.00
Combined	\$1,477.00
% change from 2013	0.0%

<b>Annual Cost</b> <b>Based on Local, State &amp; Federal Data</b> (91.6 HCF – See Appendix C for Data & Calc.)	
Water	\$611.92
Sewer	\$534.22
Combined	\$1,146.14

**Commercial Water Rates:**

Same as residential

**Commercial Sewer Rates:**

Same as residential

<b>Additional 2014 Data by Community</b>			
Does this Community Use Second Meters?	Yes	Does this Community Offer Senior and/or Low Income Discounts?	No
<b>Water System</b>		<b>Sewer System</b>	
MWRA Charges as % of Total Community Water Expenses	50-75%	MWRA Charges as % of Total Community Sewer Expenses	N/A
Miles of water pipeline replaced/rehabilitated in FY14	Less than 1	Miles of sewer pipeline replaced/rehabilitated in FY14	Less than 1
Water Capital Needs over Next Five Years	\$0-10 million	Sewer Capital Needs over Next Five Years	\$0-10 million
Anticipated Water Capital Spending over Next Five Years	\$1-5 million	Anticipated Sewer Capital Spending over Next Five Years	\$1-5 million
<b>Stormwater</b>			
Current Funding Source of Stormwater-Related Costs:	Tax Levy (DPW Budget)		

# Wakefield (S/ partial W)

**Residential Water Rates:**

Last adjusted:	June 2014
Next adjustment scheduled:	June 2015
Fund:	Enterprise
All units	\$5.65/HCF
Billing Frequency:	Quarterly

**Residential Sewer Rates:**

Last adjusted:	June 2014
Next adjustment scheduled:	June 2015
Fund:	Enterprise
All units	\$10.45/HCF

Based on 100% of water usage.

**Annual Cost  
AWWA Standard for Historical Comparison  
(120 HCF ≈ 90,000 gals.)**

Water	\$610.20
Sewer	\$1,128.60
Combined	\$1,738.80
% change from 2013	2.9%

**Annual Cost  
Based on Local, State & Federal Data  
(67.3 HCF – See Appendix C for Data & Calc.)**

Water	\$342.22
Sewer	\$632.96
Combined	\$975.18

**Commercial Water Rates:**

Same as residential

**Commercial Sewer Rates:**

Same as residential

- The rates calculated above include a 10% discount for all bills paid within 30 days of the bill date. The Town of Wakefield estimates that 95% of the customer base takes advantage of the discount. Without this discount, the annual cost for 120 HCF would be \$678.00 for water and \$1,254.00 for sewer.

Additional 2014 Data by Community			
Does this Community Use Second Meters?	No	Does this Community Offer Senior and/or Low Income Discounts?	No
Water System		Sewer System	
MWRA Charges as % of Total Community Water Expenses	25-50%	MWRA Charges as % of Total Community Sewer Expenses	Over 75%
Miles of water pipeline replaced/rehabilitated in FY14	Less than 1	Miles of sewer pipeline replaced/rehabilitated in FY14	Less than 1
Water Capital Needs over Next Five Years	\$10-20 million	Sewer Capital Needs over Next Five Years	\$10-20 million
Anticipated Water Capital Spending over Next Five Years	\$100 thousand to \$1 million	Anticipated Sewer Capital Spending over Next Five Years	\$1-5 million
Stormwater			
Current Funding Source of Stormwater-Related Costs:		Tax Levy (DPW Budget)	

Wakefield has a moratorium on second meters; units in place before the moratorium are allowed second meters.

# Walpole (S)

**Residential Water Rates:**

Last adjusted: July 2014  
 Next adjustment scheduled: July 2015  
 Fund: Enterprise  
 All units \$4.975/HCF

**Residential Sewer Rates:**

Last adjusted: July 2014  
 Next adjustment scheduled: July 2015  
 Fund: Enterprise  
 All units \$8.021/HCF

Based on 80% of water usage.

Billing Frequency:

Residential: Bi-Monthly

Commercial: Monthly

<b>Annual Cost</b> <b>AWWA Standard for Historical Comparison</b> (120 HCF ≈ 90,000 gals.)	
Water	\$597.00
Sewer	\$770.02
Combined	\$1,367.02
% change from 2013	2.0%

<b>Annual Cost</b> <b>Based on Local, State &amp; Federal Data</b> (91.3 HCF – See Appendix C for Data & Calc.)	
Water	\$454.22
Sewer	\$585.86
Combined	\$1,040.07

**Commercial Water Rates:**

Same as residential

**Commercial Sewer Rates:**

Same as residential

<b>Additional 2014 Data by Community</b>			
Does this Community Use Second Meters?		Does this Community Offer Senior and/or Low Income Discounts?	
Yes		No	
MWRA Charges as % of Total Community Water Expenses	N/A	MWRA Charges as % of Total Community Sewer Expenses	Over 75%
Miles of water pipeline replaced/rehabilitated in FY14	Less than 1	Miles of sewer pipeline replaced/rehabilitated in FY14	Less than 1
Water Capital Needs over Next Five Years	\$0-10 million	Sewer Capital Needs over Next Five Years	\$0-10 million
Anticipated Water Capital Spending over Next Five Years	\$1-5 million	Anticipated Sewer Capital Spending over Next Five Years	\$1-5 million
<b>Stormwater</b>			
Current Funding Source of Stormwater-Related Costs:		Tax Levy (DPW Budget)	

# Waltham (W/S)

**Residential Water Rates:**

Last adjusted:	January 2012
Next adjustment scheduled:	January 2015
Fund:	Enterprise
Minimum Charge:	\$9.00
0 – 21 HCF	\$3.23/HCF
>21 – 45 HCF	\$4.37 "
>45 – 120 HCF	\$7.00 "
>120 HCF	\$9.36 "

**Residential Sewer Rates:**

Last adjusted:	January 2012
Next adjustment scheduled:	January 2015
Fund:	Enterprise
Minimum Charge:	\$ 5.75
0 – 21 HCF	\$ 5.75/HCF
>21 – 45 HCF	\$ 7.50 "
>45 – 120 HCF	\$11.33 "
>120 HCF	\$13.69 "

Based on 100% of water usage.

Billing Frequency:

Residential: Quarterly, Commercial: Monthly

Annual Cost AWWA Standard for Historical Comparison (120 HCF ≈ 90,000 gals.)	
Water	\$428.64
Sewer	\$753.00
Combined	\$1,181.64
% change from 2013	0.0%

Annual Cost Based on Local, State & Federal Data (65.4 HCF – See Appendix C for Data & Calc.)	
Water	\$211.24
Sewer	\$376.05
Combined	\$587.29

**Commercial Water Rates:**

Same as residential

**Commercial Sewer Rates:**

Same as residential

Additional 2014 Data by Community			
Does this Community Use Second Meters?		Does this Community Offer Senior and/or Low Income Discounts?	
MWRA Charges as % of Total Community Water Expenses	50-75%	MWRA Charges as % of Total Community Sewer Expenses	50-75%
Miles of water pipeline replaced/rehabilitated in FY14	1-3	Miles of sewer pipeline replaced/rehabilitated in FY14	1-3
Water Capital Needs over Next Five Years	\$10-20 million	Sewer Capital Needs over Next Five Years	\$10-20 million
Anticipated Water Capital Spending over Next Five Years	\$5-10 million	Anticipated Sewer Capital Spending over Next Five Years	\$5-10 million
Stormwater			
Current Funding Source of Stormwater-Related Costs:		Water/Sewer Rates	

# Watertown (W/S)

**Residential Water Rates:**

Last adjusted:	July 2014
Next adjustment scheduled:	July 2015
Fund:	Enterprise
Base charge (5/8")	\$ 6.37/bill
0 – 30 HCF	\$ 4.15/HCF
>30 – 300 HCF	\$ 6.45 "
>300 HCF	\$10.19 "
Billing Frequency:	Quarterly

**Residential Sewer Rates:**

Last adjusted:	July 2014
Next adjustment scheduled:	July 2015
Fund:	Enterprise
0 – 30 HCF	\$ 7.95/HCF
>30 – 300 HCF	\$10.27 "
>300 HCF	\$13.76 "

Based on 100% of water usage.

<b>Annual Cost</b> <b>AWWA Standard for Historical Comparison</b> (120 HCF ≈ 90,000 gals.)	
Water	\$523.48
Sewer	\$954.00
Combined	\$1,477.48
% change from 2013	3.2%

<b>Annual Cost</b> <b>Based on Local, State &amp; Federal Data</b> (62.9 HCF – See Appendix C for Data & Calc.)	
Water	\$285.60
Sewer	\$500.06
Combined	\$785.65

<b>Additional 2014 Data by Community</b>			
Does this Community Use Second Meters?	Yes	Does this Community Offer Senior and/or Low Income Discounts?	Yes, Low Income
<b>Water System</b>		<b>Sewer System</b>	
MWRA Charges as % of Total Community Water Expenses	No Response	MWRA Charges as % of Total Community Sewer Expenses	No Response
Miles of water pipeline replaced/rehabilitated in FY14	1-3	Miles of sewer pipeline replaced/rehabilitated in FY14	Less than 1
Water Capital Needs over Next Five Years	No Response	Sewer Capital Needs over Next Five Years	No Response
Anticipated Water Capital Spending over Next Five Years	No Response	Anticipated Sewer Capital Spending over Next Five Years	No Response
<b>Stormwater</b>			
Current Funding Source of Stormwater-Related Costs:	Water/Sewer Rates		

# Wellesley (S/partial W)

**Residential Water Rates:**

Last adjusted:	July 2012
Next adjustment scheduled:	Unknown
Fund:	Enterprise
Base charge	\$4.64/bill
0 – 5 HCF	\$2.99/HCF
5 – 12 HCF (except for peak use)	\$3.51 "
Peak Use Charges (May – October):	
>12 – 24 HCF	\$5.57 "
>24 – 36 HCF	\$7.21 "
>36 HCF	\$9.18 "

Billing Frequency: Monthly

**Residential Sewer Rates:**

Last adjusted:	July 2013
Next adjustment scheduled:	Unknown
Fund:	Enterprise
Base charge	\$1.50/bill
All units	\$8.28/HCF
Based on 100% of water usage.	

Annual Cost AWWA Standard for Historical Comparison (120 HCF ≈ 90,000 gals.)	
Water	\$445.68
Sewer	\$1,011.60
Combined	\$1,457.28
% change from 2013	0.0%

Annual Cost Based on Local, State & Federal Data (90.1 HCF – See Appendix C for Data & Calc.)	
Water	\$340.73
Sewer	\$764.02
Combined	\$1,104.75

**Commercial Water Rates:**

1 – 5 HCF	\$2.99
5 – 12 HCF	\$3.51
Peak Use Charges (May – October)	
> 12 HCF	\$5.57

**Commercial Sewer Rates:**

Same as residential

Additional 2014 Data by Community			
Does this Community Use Second Meters?		Does this Community Offer Senior and/or Low Income Discounts?	
MWRA Charges as % of Total Community Water Expenses	0-25%	MWRA Charges as % of Total Community Sewer Expenses	50-75%
Miles of water pipeline replaced/rehabilitated in FY14	Less than 1	Miles of sewer pipeline replaced/rehabilitated in FY14	Less than 1
Water Capital Needs over Next Five Years	\$0-10 million	Sewer Capital Needs over Next Five Years	\$0-10 million
Anticipated Water Capital Spending over Next Five Years	\$5-10 million	Anticipated Sewer Capital Spending over Next Five Years	\$1-5 million
Stormwater			
Current Funding Source of Stormwater-Related Costs:		Tax Levy (DPW Budget)	

# Weston (W)

**Residential Water Rates:**

Last adjusted: February 2014  
 Next adjustment scheduled: February 2016  
 Fund: Enterprise

Base charge (5/8" meter)  
 1 – 50 HCF                    \$21.00/bill  
 >50 HCF                      \$ 1.35 "  
                                   \$ 5.10 "

Billing Frequency: Semi-Annually

**Residential Sewer Rates:**

Last adjusted: Not applicable  
 Next adjustment scheduled: Not applicable  
 Fund: Not applicable

Community not sewerized.

Annual Cost AWWA Standard for Historical Comparison (120 HCF ≈ 90,000 gals.)	
Water	\$279.00
Sewer	Not Sewered
Combined	\$279.00
% change from 2013	0.0%

Annual Cost Based on Local, State & Federal Data (155.3 HCF – See Appendix C for Data & Calc)	
Water	\$459.03
Sewer	Not Sewered
Combined	\$459.03

**Commercial Water Rates:**

Same as residential

**Commercial Sewer Rates:**

Not sewerized

Additional 2014 Data by Community			
Does this Community Use Second Meters?	No	Does this Community Offer Senior and/or Low Income Discounts?	Yes, Both
Water System		Sewer System	
MWRA Charges as % of Total Community Water Expenses	50-75%	MWRA Charges as % of Total Community Sewer Expenses	N/A
Miles of water pipeline replaced/rehabilitated in FY14	Less than 1	Miles of sewer pipeline replaced/rehabilitated in FY14	N/A
Water Capital Needs over Next Five Years	\$0-10 million	Sewer Capital Needs over Next Five Years	N/A
Anticipated Water Capital Spending over Next Five Years	\$1-5 million	Anticipated Sewer Capital Spending over Next Five Years	N/A
Stormwater			
Current Funding Source of Stormwater-Related Costs:		Tax Levy (DPW Budget)	

# Westwood (S)

**Residential Water Rates:**

Last adjusted:	June 2014
Next adjustment scheduled:	Unknown
Fund:	Enterprise
Minimum charge (5/8" meter) includes first 3 HCF	\$36.24/quarter
>3 – 42 HCF	\$ 4.25/HCF
>43 – 75 HCF	\$ 6.91 "
>75 HCF	\$ 8.95 "

Billing Frequency: Quarterly

**Residential Sewer Rates:**

Last adjusted:	July 2014
Next adjustment scheduled:	Unknown
Fund:	Enterprise
Minimum charge (5/8" meter) includes first 3 HCF	\$22.00/quarter
>0 – 25 HCF	\$ 5.60/HCF
>25 – 70 HCF	\$ 8.35 "
>70 HCF	\$15.00 "

Based on 100% of water usage.

<b>Annual Cost</b> <b>AWWA Standard for Historical Comparison</b> (120 HCF ≈ 90,000 gals.)	
Water	\$603.96
Sewer	\$815.00
Combined	\$1,418.96
% change from 2013	4.3%

<b>Annual Cost</b> <b>Based on Local, State &amp; Federal Data</b> (72.3 HCF – See Appendix C for Data & Calc.)	
Water	\$401.24
Sewer	\$492.88
Combined	\$894.12

**Commercial Water Rates:**

Minimum charge (5/8" meter) includes first 9 HCF	\$53.76
All units in excess of allowance	\$ 4.25/HCF

**Commercial Sewer Rates:**

Same as residential

<b>Additional 2014 Data by Community</b>			
Does this Community Use Second Meters?		Does this Community Offer Senior and/or Low Income Discounts?	Yes, Low Income
<b>Water System</b>		<b>Sewer System</b>	
MWRA Charges as % of Total Community Water Expenses	0-25%	MWRA Charges as % of Total Community Sewer Expenses	50-75%
Miles of water pipeline replaced/rehabilitated in FY14	Less than 1	Miles of sewer pipeline replaced/rehabilitated in FY14	1-3
Water Capital Needs over Next Five Years	\$0-10 million	Sewer Capital Needs over Next Five Years	\$0-10 million
Anticipated Water Capital Spending over Next Five Years	\$1-5 million	Anticipated Sewer Capital Spending over Next Five Years	\$1-5 million
<b>Stormwater</b>			
Current Funding Source of Stormwater-Related Costs:		Tax Levy (DPW Budget)	

# Weymouth (S)

**Residential Water Rates:**

Last adjusted: July 2013  
 Next adjustment scheduled: July 2015  
 Fund: Enterprise  
 Base charge (5/8" meter) \$11.97/bill  
 0 – 27 HCF \$ 4.23/HCF  
 >27 HCF \$ 7.18 "  
 Billing Frequency: Residential: Quarterly

**Residential Sewer Rates:**

Last adjusted: July 2014  
 Next adjustment scheduled: July 2015  
 Fund: Enterprise  
 Base charge (5/8" meter) \$ 5.60/bill  
 0 – 27 HCF \$ 7.44/HCF  
 >27 HCF \$12.65 "  
 Based on 100% of water usage.  
 Commercial: Monthly

<b>Annual Cost</b> <b>AWWA Standard for Historical Comparison</b> (120 HCF ≈ 90,000 gals.)	
Water	\$590.88
Sewer	\$977.72
Combined	\$1,568.60
% change from 2013	2.5%

<b>Annual Cost</b> <b>Based on Local, State &amp; Federal Data</b> (58.1 HCF – See Appendix C for Data & Calc.)	
Water	\$293.64
Sewer	\$454.66
Combined	\$748.31

**Commercial Water Rates:**  
Same as residential**Commercial Sewer Rates:**  
Same as residential

<b>Additional 2014 Data by Community</b>			
Does this Community Use Second Meters?		Does this Community Offer Senior and/or Low Income Discounts?	
<b>Water System</b>			<b>Sewer System</b>
MWRA Charges as % of Total Community Water Expenses	N/A	MWRA Charges as % of Total Community Sewer Expenses	50-75%
Miles of water pipeline replaced/rehabilitated in FY14	1-3	Miles of sewer pipeline replaced/rehabilitated in FY14	1-3
Water Capital Needs over Next Five Years	\$0-10 million	Sewer Capital Needs over Next Five Years	\$0-10 million
Anticipated Water Capital Spending over Next Five Years	\$1-5 million	Anticipated Sewer Capital Spending over Next Five Years	\$1-5 million
<b>Stormwater</b>			
Current Funding Source of Stormwater-Related Costs:		Tax Levy (DPW Budget)	

# Wilbraham (W)

**Residential Water Rates:**

Last adjusted:	April 2013
Next adjustment scheduled:	No response
Fund:	Enterprise
Minimum bill	\$57.75
0 – 100 HCF	\$ 3.85/HCF
>100 – 200 HCF	\$ 4.05 "
>200 HCF	\$ 4.25 "
Billing Frequency:	Semi-annually

**Residential Sewer Rates:**

Last adjusted:	October 2008
Next adjustment scheduled:	No response
Fund:	Enterprise
Minimum bill	\$52.50
All units	\$ 4.10/HCF

Based on 100% of water usage.

<b>Annual Cost</b>	
<b>AWWA Standard for Historical Comparison</b>	
(120 HCF ≈ 90,000 gals.)	
Water	\$462.00
Sewer	\$492.00
Combined	\$954.00
% change from 2013	0.0%

<b>Annual Cost</b>	
<b>Based on Local, State &amp; Federal Data</b>	
(69.0 HCF – See Appendix C for Data & Calc.)	
Water	\$265.65
Sewer	\$282.90
Combined	\$548.55

**Commercial Water Rates:**

All units	\$3.85/HCF
Commercial Minimum: same as residential	

**Commercial Sewer Rates:**

All units	\$ 5.00/HCF
Commercial Minimum: \$60.00	

- Wilbraham receives wholesale water from MWRA and wastewater services from the City of Springfield.

<b>Additional 2014 Data by Community</b>			
Does this Community Use Second Meters?	Yes	Does this Community Offer Senior and/or Low Income Discounts?	No
<b>Water System</b>		<b>Sewer System</b>	
MWRA Charges as % of Total Community Water Expenses	25-50%	MWRA Charges as % of Total Community Sewer Expenses	N/A
Miles of water pipeline replaced/rehabilitated in FY14	Less than 1	Miles of sewer pipeline replaced/rehabilitated in FY14	No Response
Water Capital Needs over Next Five Years	\$0-10 million	Sewer Capital Needs over Next Five Years	\$0-10 million
Anticipated Water Capital Spending over Next Five Years	\$100 thousand to \$1 million	Anticipated Sewer Capital Spending over Next Five Years	\$100 thousand to \$1 million
<b>Stormwater</b>			
Current Funding Source of Stormwater-Related Costs:	Tax Levy (DPW Budget)		

# Wilmington (S/partial W)

**Residential Water Rates:**

Last adjusted:	September 2008
Next adjustment scheduled:	Unknown
Fund:	Special Revenue
0 – 10 HCF	\$3.27/HCF
>10 – 20 HCF	\$3.62 "
>20 – 30 HCF	\$4.35 "
>30 HCF	\$5.81 "
Billing Frequency:	Quarterly

**Residential Sewer Rates:**

Last adjusted:	April 2010
Next adjustment scheduled:	Unknown
Fund:	General

Based on 100% of water usage.

<b>Annual Cost</b> <b>AWWA Standard for Historical Comparison</b> (120 HCF ≈ 90,000 gals.)	
Water	\$449.60
Sewer	\$598.80
Combined	\$1,048.40
% change from 2013	0.0%

<b>Annual Cost</b> <b>Based on Local, State &amp; Federal Data</b> (76.5 HCF – See Appendix C for Data & Calc.)	
Water	\$262.93
Sewer	\$381.74
Combined	\$644.67

**Commercial Water Rates:**

0 – 50 HCF	\$3.57/HCF
>50 – 200 HCF	\$3.82 "
>200 HCF	\$4.18 "

**Commercial Sewer Rates:**

All units	\$5.97/HCF
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<b>Additional 2014 Data by Community</b>			
Does this Community Use Second Meters?	No	Does this Community Offer Senior and/or Low Income Discounts?	No
<b>Water System</b>		<b>Sewer System</b>	
MWRA Charges as % of Total Community Water Expenses	0-25%	MWRA Charges as % of Total Community Sewer Expenses	0-25%
Miles of water pipeline replaced/rehabilitated in FY14	Less than 1	Miles of sewer pipeline replaced/rehabilitated in FY14	Less than 1
Water Capital Needs over Next Five Years	\$0-10 million	Sewer Capital Needs over Next Five Years	\$0-10 million
Anticipated Water Capital Spending over Next Five Years	\$1-5 million	Anticipated Sewer Capital Spending over Next Five Years	\$100 thousand to \$1 million
<b>Stormwater</b>			
Current Funding Source of Stormwater-Related Costs:	Tax Levy (DPW Budget)		

# Winchester (S/ partial W)

**Residential Water Rates:**

Last adjusted:	November 2006
Next adjustment scheduled:	Unknown
Fund:	Enterprise
Service charge	\$5.00/bill
0 – 15 HCF	\$1.22/HCF
>15 – 45 HCF	\$3.04 "
>45 HCF	\$4.86 "
Billing Frequency:	Quarterly

**Residential Sewer Rates:**

Last adjusted:	November 2006
Next adjustment scheduled:	Unknown
Fund:	Enterprise
0 – 15 HCF	\$1.25/HCF
>15 – 45 HCF	\$3.97 "
>45 HCF	\$6.16 "

Based on 100% of water usage.

<b>Annual Cost</b> <b>AWWA Standard for Historical Comparison</b> (120 HCF ≈ 90,000 gals.)	
Water	\$275.60
Sewer	\$313.20
Combined	\$588.80
% change from 2013	0.0%

<b>Annual Cost</b> <b>Based on Local, State &amp; Federal Data</b> (96.7 HCF – See Appendix C for Data & Calc.)	
Water	\$204.77
Sewer	\$220.70
Combined	\$425.47

**Commercial Water Rates:**

0 – 75 HCF	\$4.92/HCF
>75 HCF	\$6.03 "

**Commercial Sewer Rates:**

0 – 75 HCF	\$6.42/HCF
>75 HCF	\$8.71 "

- ◆ Winchester utilizes the debt service exclusion as permitted under General Law 59 Section 21C(n)

<b>Additional 2014 Data by Community</b>			
Does this Community Use Second Meters?		Does this Community Offer Senior and/or Low Income Discounts?	Yes, Low Income
<b>Water System</b>		<b>Sewer System</b>	
MWRA Charges as % of Total Community Water Expenses	25-50%	MWRA Charges as % of Total Community Sewer Expenses	25-50%
Miles of water pipeline replaced/rehabilitated in FY14	Less than 1	Miles of sewer pipeline replaced/rehabilitated in FY14	Less than 1
Water Capital Needs over Next Five Years	\$0-10 million	Sewer Capital Needs over Next Five Years	\$0-10 million
Anticipated Water Capital Spending over Next Five Years	\$1-5 million	Anticipated Sewer Capital Spending over Next Five Years	\$1-5 million
<b>Stormwater</b>			
Current Funding Source of Stormwater-Related Costs:		Water/Sewer Rates	

# Winthrop (W/S)

**Residential Water Rates:**

Last adjusted: Feb. 2013  
 Next adjustment scheduled: Unknown  
 Fund: Enterprise  
 Minimum charge \$18.27/quarter  
 All units \$ 6.05/HCF  
 Billing Frequency: Quarterly

**Residential Sewer Rates:**

Last adjusted: July 2013  
 Next adjustment scheduled: Unknown  
 Fund: Enterprise  
 Minimum charge \$31.73/quarter  
 All units \$ 9.90/HCF  
 Based on 100% of water usage.

<b>Annual Cost AWWA Standard for Historical Comparison (120 HCF ≈ 90,000 gals.)</b>	
Water	\$726.00
Sewer	\$1,188.00
Combined	\$1,914.00
% change from 2013	8.1%

<b>Annual Cost Based on Local, State &amp; Federal Data (60.9 HCF – See Appendix C for Data &amp; Calc.)</b>	
Water	\$368.45
Sewer	\$602.91
Combined	\$971.36

**Commercial Water Rates:**

Same as residential

**Commercial Sewer Rates:**

Same as residential

<b>Additional 2014 Data by Community</b>			
Does this Community Use Second Meters?	No	Does this Community Offer Senior and/or Low Income Discounts?	No
<b>Water System</b>		<b>Sewer System</b>	
MWRA Charges as % of Total Community Water Expenses	50-75%	MWRA Charges as % of Total Community Sewer Expenses	50-75%
Miles of water pipeline replaced/rehabilitated in FY14	1-3	Miles of sewer pipeline replaced/rehabilitated in FY14	Less than 1
Water Capital Needs over Next Five Years	\$0-10 million	Sewer Capital Needs over Next Five Years	\$0-10 million
Anticipated Water Capital Spending over Next Five Years	\$1-5 million	Anticipated Sewer Capital Spending over Next Five Years	\$1-5 million
<b>Stormwater</b>			
Current Funding Source of Stormwater-Related Costs:	Tax Levy (DPW Budget)		

The 2013 document misstated the water and sewer rates for Winthrop. The 2013 figures were corrected in this document so that the percentage change from 2013 to 2014 is accurate. See [Appendix A](#) for updated 2013 data.

# Woburn (S/ partial W)

**Residential Water Rates:**

Last adjusted: January 2010  
 Next adjustment scheduled: Unknown  
 Fund: Enterprise  
 Flat rate of \$102.50 per bill

Billing Frequency: Semi-Annually

**Residential Sewer Rates:**

Last adjusted: January 2010  
 Next adjustment scheduled: Unknown  
 Fund: Enterprise  
 Flat rate of \$164.00 per bill

<b>Annual Cost</b> <b>AWWA Standard for Historical Comparison</b> (120 HCF ≈ 90,000 gals.)	
Water	\$205.00
Sewer	\$328.00
Combined	\$533.00
% change from 2013	0.0%

<b>Annual Cost</b> <b>Based on Local, State &amp; Federal Data</b> (110.5 HCF – See Appendix C for Data & Calc.)	
Water	\$205.00
Sewer	\$328.00
Combined	\$533.00

**Commercial Water Rates:**

Minimum charge: \$113.21  
 All units \$ 4.60/HCF

**Commercial Sewer Rates:**

Minimum charge: \$344.15  
 All units 304% of water bill

<b>Additional 2014 Data by Community</b>			
<b>Water System</b>		<b>Sewer System</b>	
Does this Community Use Second Meters?	No	Does this Community Offer Senior and/or Low Income Discounts?	Yes, Senior
MWRA Charges as % of Total Community Water Expenses	0-25%	MWRA Charges as % of Total Community Sewer Expenses	Over 75%
Miles of water pipeline replaced/rehabilitated in FY14	1-3	Miles of sewer pipeline replaced/rehabilitated in FY14	1-3
Water Capital Needs over Next Five Years	\$0-10 million	Sewer Capital Needs over Next Five Years	\$0-10 million
Anticipated Water Capital Spending over Next Five Years	\$1-5 million	Anticipated Sewer Capital Spending over Next Five Years	\$1-5 million
<b>Stormwater</b>			
Current Funding Source of Stormwater-Related Costs:	Tax Levy (DPW Budget)		

# Worcester (partial W)

**Residential Water Rates:**

Last adjusted: July 2014  
 Next adjustment scheduled: July 2015  
 Fund: Enterprise  
 Minimum charge \$4.50/quarter  
 All units \$3.54/HCF

**Residential Sewer Rates:**

Last adjusted: July 2014  
 Next adjustment scheduled: July 2015  
 Fund: Enterprise  
 Minimum charge \$10.00/quarter  
 All units \$ 6.29/HCF  
 Based on 80% of water usage.  
 (For meters 1" and larger, sewer usage is based upon 100% of water usage)

Billing Frequency: Mostly Quarterly, some Monthly

<b>Annual Cost</b> <b>AWWA Standard for Historical Comparison</b> (120 HCF ≈ 90,000 gals.)	
Water	\$424.80
Sewer	\$603.84
Combined	\$1,028.64
% change from 2013	3.8%

<b>Annual Cost</b> <b>Based on Local, State &amp; Federal Data</b> (63.0 HCF – See Appendix C for Data & Calc)	
Water	\$223.02
Sewer	\$317.02
Combined	\$540.04

**Commercial Water Rates:**

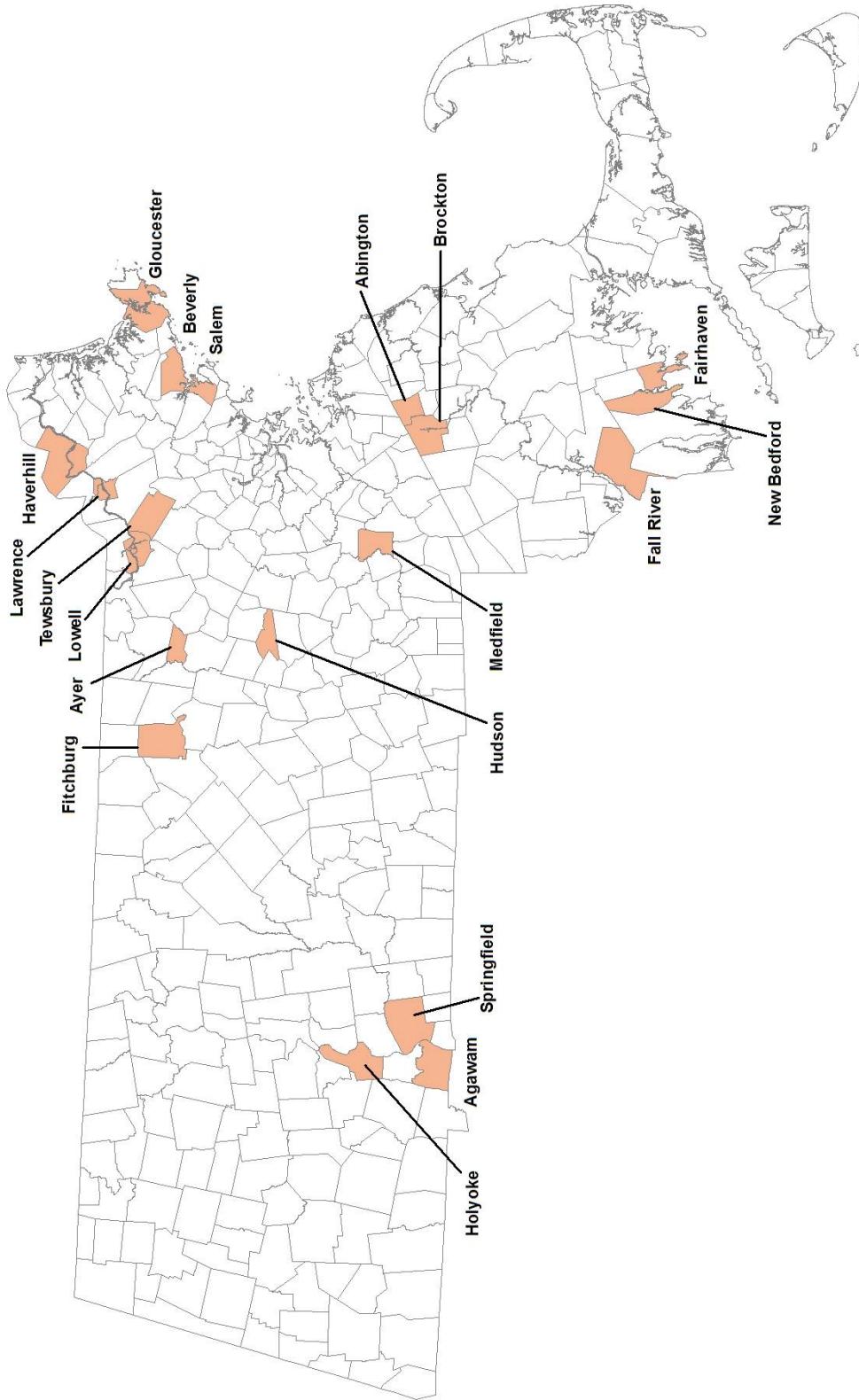
Same as residential

**Commercial Sewer Rates:**

Same as residential (see note above)

<b>Additional 2014 Data by Community</b>			
Does this Community Use Second Meters?		Does this Community Offer Senior and/or Low Income Discounts?	
<b>Water System</b>		<b>Sewer System</b>	
MWRA Charges as % of Total Community Water Expenses	0-25%	MWRA Charges as % of Total Community Sewer Expenses	N/A
Miles of water pipeline replaced/rehabilitated in FY14	3-6	Miles of sewer pipeline replaced/rehabilitated in FY14	1-3
Water Capital Needs over Next Five Years	Over \$50 million	Sewer Capital Needs over Next Five Years	Over \$50 million
Anticipated Water Capital Spending over Next Five Years	Over \$10 million	Anticipated Sewer Capital Spending over Next Five Years	Over \$10 million
<b>Stormwater</b>			
Current Funding Source of Stormwater-Related Costs:		Water/Sewer Rates	

## SELECT NON-MWRA MASSACHUSETTS COMMUNITIES 2014 WATER AND SEWER CHARGES

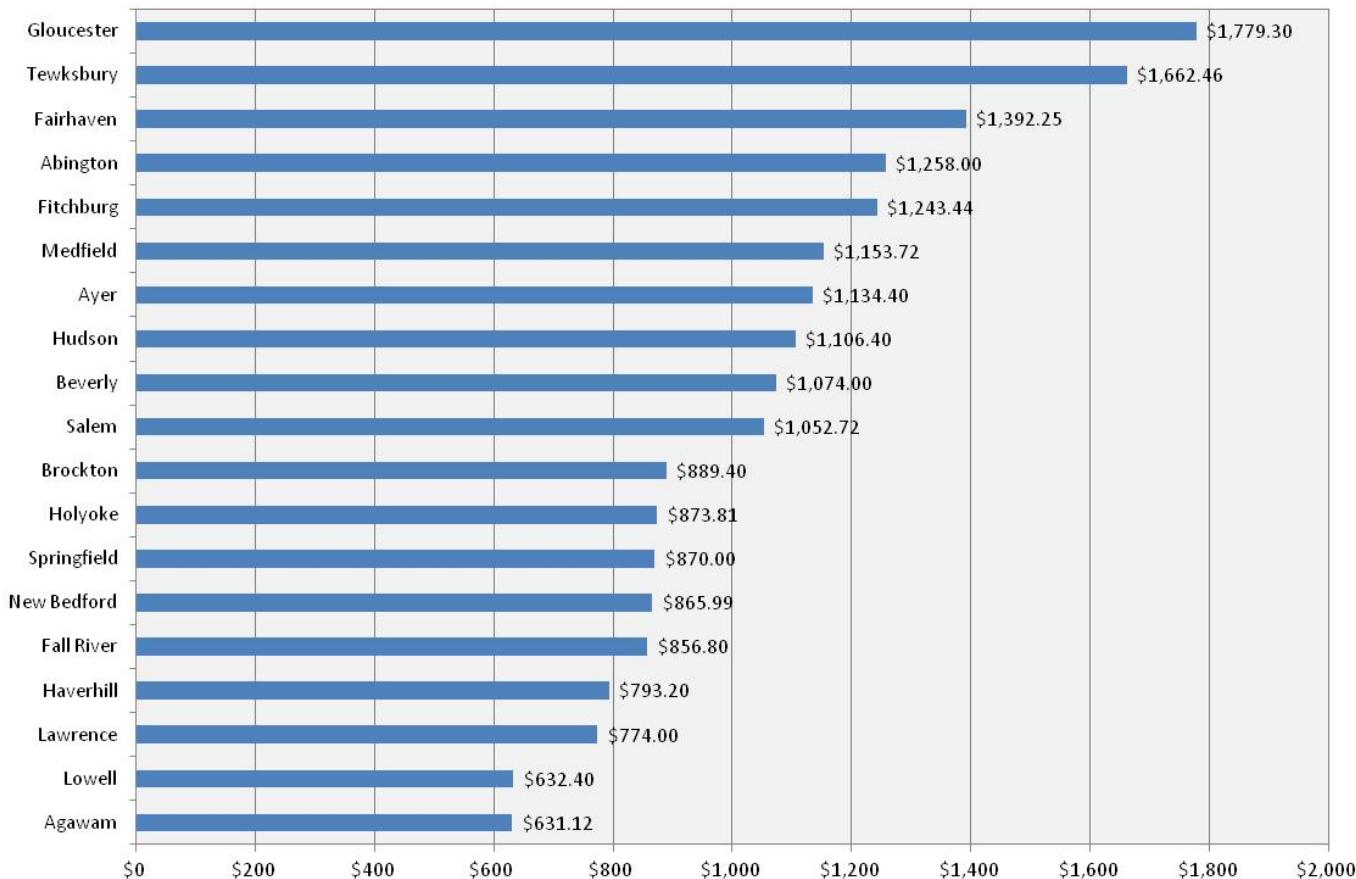


**COMPARATIVE ANNUAL RESIDENTIAL WATER AND SEWER CHARGES FOR  
SELECTED NON-MWRA COMMUNITIES IN MASSACHUSETTS  
2014**

	Water	Sewer	Combined	Change
Abington	\$618.00	\$640.00	\$1,258.00	0.0%
Agawam	\$254.80	\$376.32	\$631.12	2.6%
Ayer	\$309.20	\$825.20	\$1,134.40	2.4%
Beverly	\$334.80	\$739.20	\$1,074.00	2.5%
Brockton	\$443.40	\$446.00	\$889.40	0.0%
Fairhaven	\$618.25	\$774.00	\$1,392.25	11.3%
Fall River	\$354.00	\$502.80	\$856.80	5.9%
Fitchburg	\$367.44	\$876.00	\$1,243.44	0.0%
Gloucester	\$537.30	\$1,242.00	\$1,779.30	-7.5%
Haverhill	\$325.20	\$468.00	\$793.20	0.0%
Holyoke	\$387.81	\$486.00	\$873.81	0.0%
Hudson	\$471.60	\$634.80	\$1,106.40	0.0%
Lawrence	\$372.00	\$402.00	\$774.00	0.0%
Lowell	\$249.12	\$383.28	\$632.40	4.1%
Medfield	\$393.88	\$759.84	\$1,153.72	3.2%
New Bedford	\$297.99	\$568.00	\$865.99	0.4%
Salem	\$344.72	\$708.00	\$1,052.72	3.8%
Springfield	\$349.20	\$520.80	\$870.00	10.4%
Tewksbury	\$845.48	\$816.98	\$1,662.46	1.0%

Water and sewer charges based on an annual water consumption of 120 HCF ≈ 90 kgal

**COMPARATIVE CHART OF RESIDENTIAL COMBINED  
WATER AND SEWER CHARGES 2014**



## Abington

**Residential Water Rates:**

Last adjusted: December 2012  
 Next adjustment scheduled: Unknown  
 Fund: Special Revenue  
 Base charge \$42.00/bill  
 All units \$ 3.75/HCF

**Residential Sewer Rates:**

Last adjusted: October 2009  
 Next adjustment scheduled: No response  
 Fund: Enterprise  
 Minimum Charge \$10.00/bill  
 0 – 30 HCF \$ 5.00/HCF  
 >30 HCF \$ 7.00 "  
 Based on 100% of water usage.

Billing Frequency: Quarterly

**Annual Cost**  
**AWWA Standard for Historical Comparison**  
 (120 HCF ≈ 90,000 gals.)

Water	\$618.00
Sewer	\$640.00
Combined	\$1,258.00
% change from 2013	0.0%

**Commercial Water Rates:**

Same as residential

**Commercial Sewer Rates:**

Same as residential

Senior and/or Low Income Discounts: None

## Agawam

**Residential Water Rates:**

Last adjusted: Sept. 2014  
 Next adjustment scheduled: Sept. 2017  
 Fund: Enterprise  
 Annual service charge \$70.00  
 0 – 40 CF \$ 1.90/HCF  
 >40 CF \$ 2.38 "

**Residential Sewer Rates:**

Last adjusted: Jan. 2012  
 Next adjustment scheduled: Sept. 2016  
 Fund: Enterprise  
 Annual minimum charge \$48.00  
 All units \$ 3.04/HCF  
 Based on 90% of water usage.

Billing Frequency: Semi-Annually

**Annual Cost**  
**AWWA Standard for Historical Comparison**  
 (120 HCF ≈ 90,000 gals.)

Water	\$254.80
Sewer	\$376.32
Combined	\$631.12
% change from 2013	2.6%

**Commercial Water Rates:**

Annual service charge \$54.00  
 All units \$ 2.38/HCF

**Commercial Sewer Rates:**

Same as residential except sewer usage is based  
 on 100% of water usage.

Senior and/or Low Income Discounts: Yes

## Ayer

**Residential Water Rates:**

Last adjusted:	July 2014
Next adjustment scheduled:	July 2015
Fund:	Enterprise
Minimum charge	\$10.00
0 – 60 HCF	\$ 2.41/HCF
>60 – 120 HCF	\$ 3.00 "
>120 HCF	\$ 3.53 "

**Residential Sewer Rates:**

Last adjusted:	July 2014
Next adjustment scheduled:	July 2015
Fund:	Enterprise
Minimum charge	\$10.00
0 – 60 HCF	\$ 6.71/HCF
>60 – 120 HCF	\$ 7.68 "
>120 HCF	\$ 8.75 "

Based on 100% of water usage.

Billing Frequency:

Residential: Semi-Annually, Commercial: Quarterly

**Annual Cost**  
**AWWA Standard for Historical Comparison**  
(120 HCF ≈ 90,000 gals.)

Water	\$309.20
Sewer	\$825.20
Combined	\$1,134.40
% change from 2013	2.4%

**Commercial Water Rates:**

Same as residential

**Commercial Sewer Rates:**

Same as residential

Senior and/or Low Income Discounts: No response

## Beverly

**Residential Water Rates:**

Last adjusted:	July 2014
Next adjustment scheduled:	No response
Fund:	Enterprise
All units	\$2.79/HCF

**Residential Sewer Rates:**

Last adjusted:	July 2013
Next adjustment scheduled:	No response
Fund:	Enterprise
All units	\$6.16/HCF

Based on 100% of water usage.

Billing Frequency:

Quarterly

**Annual Cost**  
**AWWA Standard for Historical Comparison**  
(120 HCF ≈ 90,000 gals.)

Water	\$334.80
Sewer	\$739.20
Combined	\$1,074.00
% change from 2013	2.5%

**Commercial Water Rates:**

Same as residential

**Commercial Sewer Rates:**

Same as residential

Senior and/or Low Income Discounts: None

## Brockton

**Residential Water Rates:**

Last adjusted:	July 2008
Next adjustment scheduled:	Unknown
Fund:	Enterprise
Minimum charge (5/8" meter)	\$22.43/bill
0 – 12.5 HCF	\$ 2.99/HCF "
>12 – 25 HCF	\$ 3.81 "
>25 – 50 HCF	\$ 5.17 "
>50 – 100 HCF	\$ 5.62 "
>100 – 250 HCF	\$ 5.87 "
>250 HCF	\$ 6.11 "

**Residential Sewer Rates:**

Last adjusted:	January 2010
Next adjustment scheduled:	Unknown
Fund:	Enterprise
0 – 12.5 HCF	\$ 2.93/HCF "
>12 – 25 HCF	\$ 3.91 "
>25 – 50 HCF	\$ 5.20 "
>50 – 100 HCF	\$ 6.91 "
>100 – 250 HCF	\$ 9.22 "
>250 – 8750 HCF	\$12.23 "
>8750 HCF	\$16.26 "

Based on 100% of water usage.

Billing Frequency: Quarterly

<b>Annual Cost</b>	
<b>AWWA Standard for Historical Comparison</b>	
(120 HCF ≈ 90,000 gals.)	

Water	\$443.40
Sewer	\$446.00
Combined	\$889.40
% change from 2013	0.0%

**Commercial Water Rates:**

Same as residential

**Commercial Sewer Rates:**

Same as residential

Senior and/or Low Income Discounts: None

## Fairhaven

**Residential Water Rates:**

Last adjusted:	July 2014
Next adjustment scheduled:	Unknown
Fund:	Enterprise
Base Charge	\$50.00/bill
0 – 22.5 HCF	\$ 1.90/HCF
22.51 – 45 HCF	\$ 4.65 "
>45	\$ 7.45

**Residential Sewer Rates:**

Last adjusted:	May 2013
Next adjustment scheduled:	Unknown
Fund:	Enterprise

All units \$6.45/HCF

Based on 100% of water usage.

Billing Frequency: Semi-Annually

<b>Annual Cost</b>	
<b>AWWA Standard for Historical Comparison</b>	
(120 HCF ≈ 90,000 gals.)	

Water	\$618.25
Sewer	\$774.00
Combined	\$1,392.25
% change from 2013	11.3%

**Commercial Water Rates:**

Same as residential

**Commercial Sewer Rates:**

Same as residential

Senior and/or Low Income Discounts: None

## Fall River

**Residential Water Rates:**

Last adjusted: July 2014  
 Next adjustment scheduled: Unknown  
 Fund: Enterprise  
 Service connection fee (3/4" meter)  
 All units \$12.00/quarter  
 \$ 2.55/HCF

**Residential Sewer Rates:**

Last adjusted: July 2014  
 Next adjustment scheduled: Unknown  
 Fund: Enterprise  
 All units \$ 4.19/HCF

**Billing Frequency:**

Quarterly

Based on 100% of water usage.

**Annual Cost**  
**AWWA Standard for Historical Comparison**  
 (120 HCF ≈ 90,000 gals.)

Water	\$354.00
Sewer	\$502.80
Combined	\$856.80
% change from 2013	5.9%

**Commercial Water Rates:**

Same as residential

**Commercial Sewer Rates:**

Same as residential

Senior and/or Low Income Discounts: None

Stormwater Fee: \$35.00/quarter (removed from Sewer calculation in 2013 & 2014)

## Fitchburg

**Residential Water Rates:**

Last adjusted: July 2011  
 Next adjustment scheduled: Unknown  
 Fund: Enterprise  
 Base charge includes 5 HCF  
 >5 HCF \$5.34/bill  
 \$ 3.16/HCF

**Residential Sewer Rates:**

Last adjusted: July 2011  
 Next adjustment scheduled: Unknown  
 Fund: Enterprise  
 Minimum includes 3 HCF  
 >3HCF \$18.85/bill  
 \$ 7.30/HCF  
 Based on 100% of water usage.

**Billing Frequency:**

Monthly

**Annual Cost**  
**AWWA Standard for Historical Comparison**  
 (120 HCF ≈ 90,000 gals.)

Water	\$367.44
Sewer	\$876.00
Combined	\$1,243.44
% change from 2010	0.0%

**Commercial Water Rates:**

Same as residential

**Commercial Sewer Rates:**

Same as residential

Senior and/or Low Income Discounts: None

- If sewer usage exceeds minimum charge, the unit charge is applied to the full usage.

## Gloucester

**Residential Water Rates:**

Last adjusted: July 2014  
 Next adjustment scheduled: July 2015  
 Fund: Enterprise  
 All units \$5.97/kgal  
 Billing Frequency: Quarterly

**Residential Sewer Rates:**

Last adjusted: July 2014  
 Next adjustment scheduled: July 2015  
 Fund: Enterprise  
 All units \$13.80/kgal  
 Based on 100% of water usage.

**Annual Cost**  
**AWWA Standard for Historical Comparison**  
 (120 HCF ≈ 90,000 gals.)

Water	\$537.30
Sewer	\$1,242.00
Combined	\$1,779.30
% change from 2013	-7.5%

**Commercial Water Rates:**

Same as residential

Senior and/or Low Income Discounts: None

**Commercial Sewer Rates:**

Same as residential

## Haverhill

**Residential Water Rates:**

Last adjusted: July 2013  
 Next adjustment scheduled: Unknown  
 Fund: Enterprise  
 All units \$2.71/HCF

**Residential Sewer Rates:**

Last adjusted: July 2013  
 Next adjustment scheduled: Unknown  
 Fund: Enterprise  
 All units \$3.90/HCF  
 Based on 100% of water usage.

Billing Frequency: Quarterly

**Annual Cost**  
**AWWA Standard for Historical Comparison**  
 (120 HCF ≈ 90,000 gals.)

Water	\$325.20
Sewer	\$468.00
Combined	\$793.20
% change from 2013	0.0%

**Commercial Water Rates:**

Same as residential

Senior and/or Low Income Discounts: 15% discount on both water and sewer for low income senior citizens over 65 years old

**Commercial Sewer Rates:**

Same as residential

## Holyoke

**Residential Water Rates:**

Last adjusted: July 2009  
 Next adjustment scheduled: Unknown  
 Fund: Enterprise  
 Minimum charge includes first \$43.09/bill  
 10,000 gallons  
 >10,000 gallons \$ 4.309/kgal

Billing Frequency: Quarterly

**Residential Sewer Rates:**

Last adjusted: November 2008  
 Next adjustment scheduled: No response  
 Fund: Enterprise  
 Base charge \$5.00/bill  
 All units \$5.40/kgal  
 Based on 100% of water usage.

**Annual Cost**  
**AWWA Standard for Historical Comparison**  
 (120 HCF ≈ 90,000 gals.)

Water	\$387.81
Sewer	\$486.00
Combined	\$873.81
% change from 2013	0.0%

**Commercial Water Rates:**

Same as residential

Senior and/or Low Income Discounts: None

**Commercial Sewer Rates:**

Two entities are provided with a commercial rate

## Hudson

**Residential Water Rates:**

Last adjusted: July 2013  
 Next adjustment scheduled: No Response  
 Fund: General  
 Minimum charge \$14.68  
 >0 – 15 HCF \$ 3.67/kgal  
 >15 – 30 HCF \$ 4.19 "  
 >30 – 50 HCF \$ 4.26 "  
 >50 – 150 HCF \$ 4.33 "  
 >150 HCF \$ 4.41 "

Billing Frequency: Quarterly

**Residential Sewer Rates:**

Last adjusted: July 2013  
 Next adjustment scheduled: No Response  
 Fund: General  
 Minimum charge includes 4 HCF \$21.16/bill  
 All units \$ 5.26/kgal  
 Based on 100% of water usage.

**Annual Cost**  
**AWWA Standard for Historical Comparison**  
 (120 HCF ≈ 90,000 gals.)

Water	\$471.60
Sewer	\$634.80
Combined	\$1,106.40
% change from 2013	0.0%

**Commercial Water Rates:**

Same as residential

Senior and/or Low Income Discounts: None

**Commercial Sewer Rates:**

Same as residential

## Lawrence

**Residential Water Rates:**

Last adjusted: July 2009  
 Next adjustment scheduled: No response  
 Fund: Enterprise  
 All units \$3.10/HCF

**Residential Sewer Rates:**

Last adjusted: July 2009  
 Next adjustment scheduled: No response  
 Fund: Enterprise  
 All units \$3.35/HCF  
 Based on 100% of water usage.

Billing Frequency: Quarterly

<b>Annual Cost</b>	
<b>AWWA Standard for Historical Comparison</b>	
(120 HCF ≈ 90,000 gals.)	

Water	\$372.00
Sewer	\$402.00
Combined	\$774.00
% change from 2013	0.0%

**Commercial Water Rates:**

Same as residential

**Commercial Sewer Rates:**

Same as residential

Senior and/or Low Income Discounts: None

## Lowell

**Residential Water Rates:**

Last adjusted: April 2011  
 Next adjustment scheduled: Unknown  
 Fund: Enterprise  
 0 – 50 HCF \$2.076/HCF  
 >50 – 100 HCF \$2.451 "  
 >100 – 200 HCF \$2.490 "  
 >200 – 500 HCF \$2.527 "  
 >500 HCF \$2.547 "

**Residential Sewer Rates:**

Last adjusted: Oct. 2014  
 Next adjustment scheduled: Unknown  
 Fund: Enterprise  
 0 – 50 HCF \$3.194/HCF  
 >50 – 100 HCF \$3.337 "  
 >100 – 200 HCF \$3.425 "  
 >200 – 500 HCF \$3.481 "  
 >500 HCF \$3.533 "  
 Based on 100% of water usage.

Billing Frequency: Quarterly

<b>Annual Cost</b>	
<b>AWWA Standard for Historical Comparison</b>	
(120 HCF ≈ 90,000 gals.)	

Water	\$249.12
Sewer	\$383.28
Combined	\$632.40
% change from 2013	4.1%

**Commercial Water Rates:**

Same as residential

**Commercial Sewer Rates:**

Same as residential

Senior and/or Low Income Discounts: Yes for water

## Medfield

**Residential Water Rates:**

Last adjusted:	April 2014
Next adjustment scheduled:	Unknown
Fund:	Enterprise
Minimum bill includes 10,000 gals.	\$42.69/bill
>10 – 35 kgal	\$ 3.77/kgal
>35 – 70 kgal	\$ 6.00 "
>70 kgal	\$ 8.49 "

**Residential Sewer Rates:**

Last adjusted:	October 2012
Next adjustment scheduled:	Unknown
Fund:	Enterprise
Minimum bill includes 10,000 gals.	\$82.42/bill
>10 kgal	\$ 8.50/kgal

Based on 75% of water usage.

Billing Frequency: Semi-Annually

<b>Annual Cost</b>	
<b>AWWA Standard for Historical Comparison</b>	
(120 HCF ≈ 90,000 gals.)	

Water	\$393.88
Sewer	\$759.84
Combined	\$1,153.72
% change from 2013	3.2%

**Commercial Water Rates:**

Same as residential

Senior and/or Low Income Discounts: None

**Commercial Sewer Rates:**

Same as residential

## New Bedford

**Residential Water Rates:**

Last adjusted:	July 2014
Next adjustment scheduled:	July 2015
Fund:	Enterprise
Base charge	\$26.17/year
Meter rental fee (5/8" meter)	\$11.42/year
All units	\$ 2.17/HCF

**Residential Sewer Rates:**

Last adjusted:	June 2010
Next adjustment scheduled:	Unknown
Fund:	Enterprise
Base charge	\$70.00/year
All units	\$ 4.15/HCF

Based on 100% of water usage.

Billing Frequency: Monthly

<b>Annual Cost</b>	
<b>AWWA Standard for Historical Comparison</b>	
(120 HCF ≈ 90,000 gals.)	

Water	\$297.99
Sewer	\$568.00
Combined	\$865.99
% change from 2013	0.4%

**Commercial Water Rates:**

Same as residential

Senior and/or Low Income Discounts: None

**Commercial Sewer Rates:**

Same as residential

## Salem

**Residential Water Rates:**

Last adjusted: August 2014  
 Next adjustment scheduled: Unknown  
 Fund: Enterprise  
 Minimum bill (5/8" meter) \$28.93  
 All units \$ 2.78/HCF

Billing Frequency: Quarterly

**Residential Sewer Rates:**

Last adjusted: August 2014  
 Next adjustment scheduled: Unknown  
 Fund: Enterprise  
 All units \$5.90/HCF  
 Based on 100% of water usage.

**Annual Cost**  
**AWWA Standard for Historical Comparison**  
 (120 HCF ≈ 90,000 gals.)

Water	\$344.72
Sewer	\$708.00
Combined	\$1,052.72
% change from 2013	3.8%

**Commercial Water Rates:**

All units \$3.92/HCF

Senior and/or Low Income Discounts: Both

**Commercial Sewer Rates:**

0 – 250 HCF/month	\$ 8.94/HCF
>250 HCF/month	\$11.46/HCF

- The rates cited above exclude a 10% discount for all residential water (not sewer) bills paid within 15 days of the bill date.

## Springfield

**Residential Water Rates:**

Last adjusted: July 2014  
 Next adjustment scheduled: July 2015  
 Fund: Chapter 40N  
 Service charge (5/8") \$2.50/month  
 All units \$2.66/HCF  
 Billing Frequency: Monthly

**Residential Sewer Rates:**

Last adjusted:	July 2014
Next adjustment scheduled:	July 2015
Fund:	Chapter 40N
All units	\$4.34/HCF
Based on 100% of water usage.	

**Annual Cost**  
**AWWA Standard for Historical Comparison**  
 (120 HCF ≈ 90,000 gals.)

Water	\$349.20
Sewer	\$520.80
Combined	\$870.00
% change from 2013	10.4%

**Commercial Water Rates:**

Same as residential

**Commercial Sewer Rates:**

All units	\$4.77/HCF
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Senior and/or Low Income Discounts: \$2.50/month discount for senior citizens, disabled or legally blind persons

## Tewksbury

**Residential Water Rates:**

Last adjusted:	July 2014
Next adjustment scheduled:	July 2015
Fund:	Enterprise
1 – 34 kgal/year	\$ 6.94/kgal
>34 – 70 kgal/year	\$ 9.82 "
>70 – 140 kgal/year	\$12.80 "
>140 kgal/year	\$14.89 "

**Residential Sewer Rates:**

Last adjusted:	July 2013
Next adjustment scheduled:	July 2015
Fund:	Enterprise
1 – 34 kgal/year	\$ 7.07/kgal
>34 – 70 kgal/year	\$ 9.10 "
>70 – 140 kgal/year	\$12.45 "
>140 kgal/year	\$14.57 "

Based on 100% of water usage.

Billing Frequency: Trianually

<b>Annual Cost</b>	
<b>AWWA Standard for Historical Comparison</b>	
(120 HCF ≈ 90,000 gals.)	

Water	\$845.48
Sewer	\$816.98
Combined	\$1,662.46
% change from 2013	1.0%

**Commercial Water Rates:**

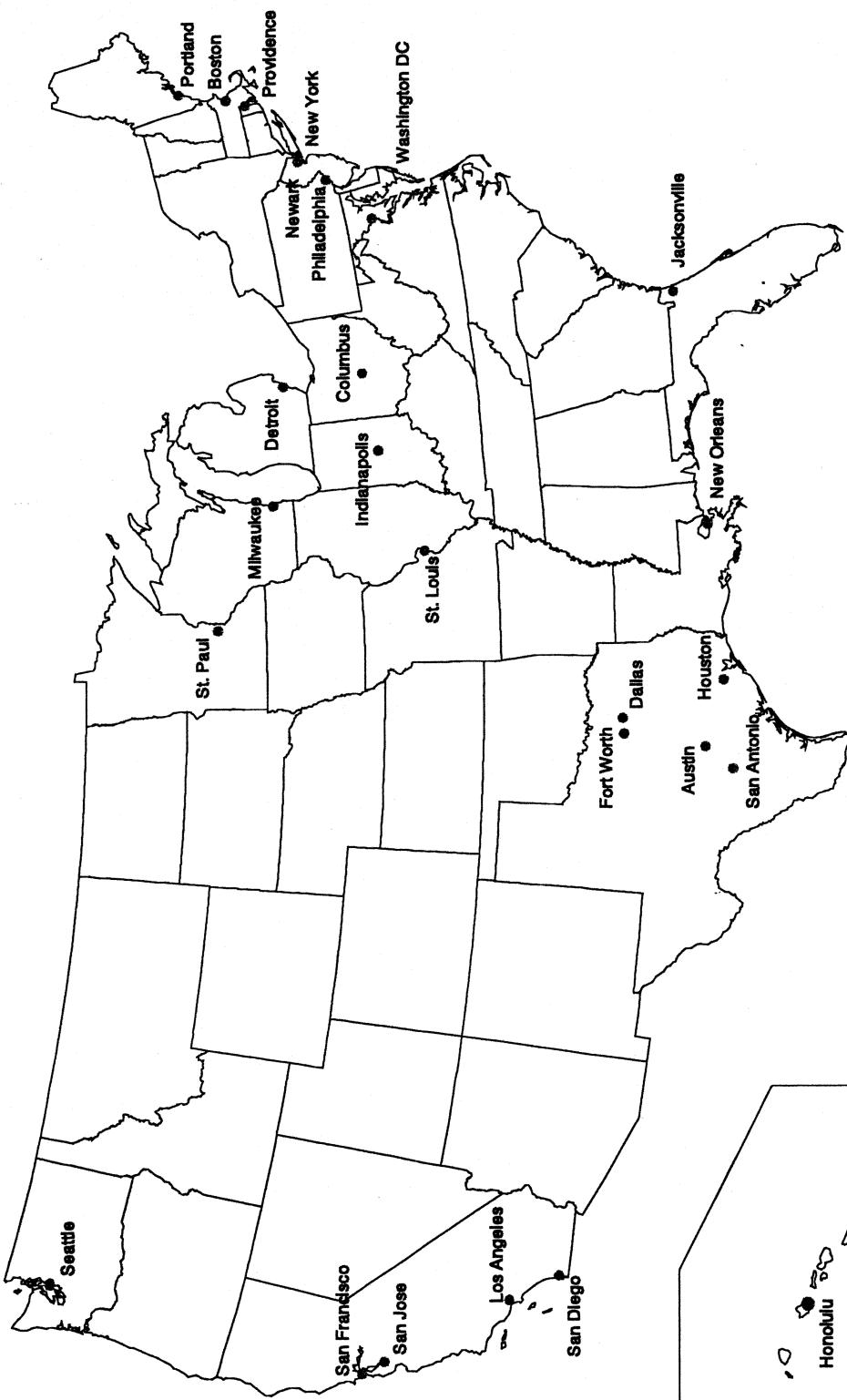
Same as residential

Senior and/or Low Income Discounts: None

**Commercial Sewer Rates:**

Same as residential

# COMPARATIVE RESIDENTIAL 2014 WATER AND SEWER CHARGES FOR U.S. CITIES

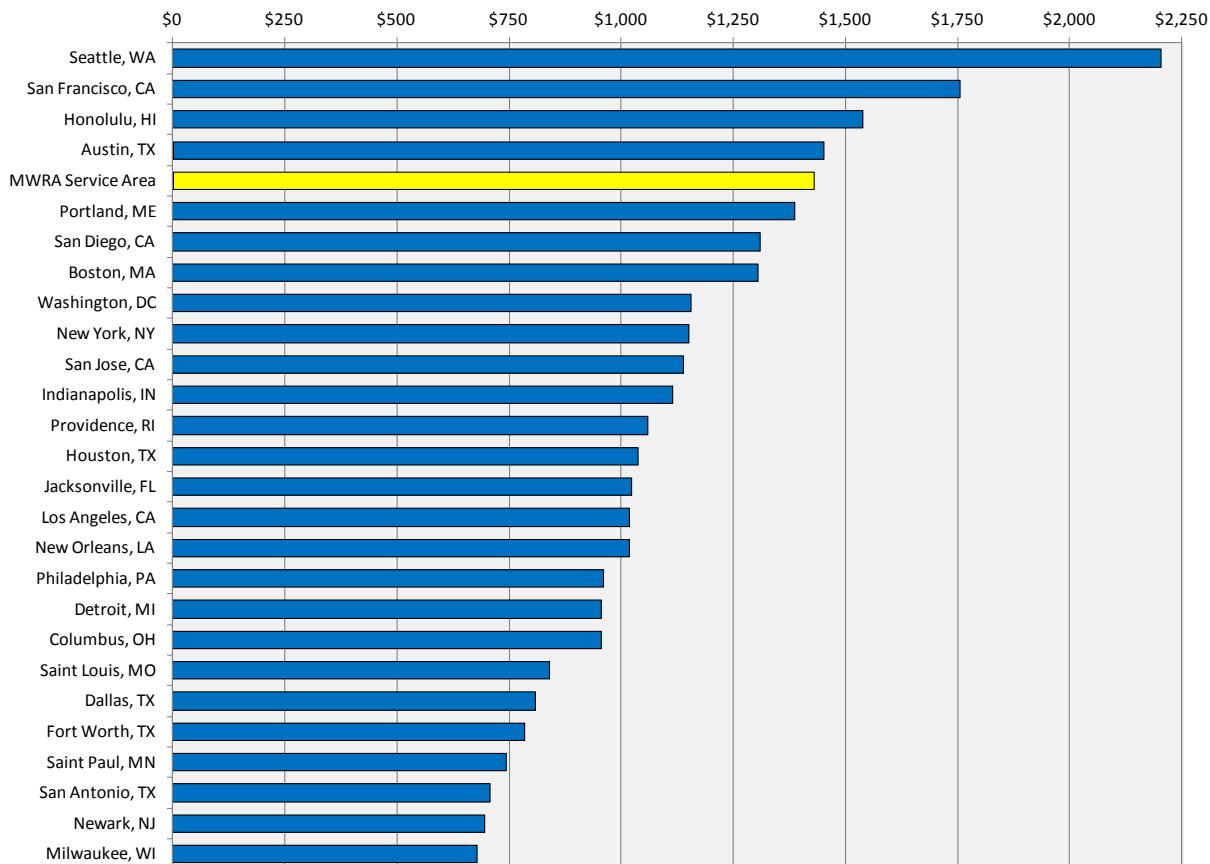


**COMPARATIVE ANNUAL RESIDENTIAL WATER & SEWER CHARGES FOR  
MAJOR UNITED STATES CITIES  
2014**

	Water	Sewer	Combined	Change
Austin, TX	\$616.56	\$834.42	\$1,450.98	24.4%
Boston, MA	570.71	733.96	1,304.67	4.8%
Columbus, OH	455.92	500.32	956.24	1.1%
Dallas, TX	308.82	498.90	807.72	1.7%
Detroit, MI	336.12	620.76	956.88	8.2%
Fort Worth, TX	364.32	421.20	785.52	4.8%
Honolulu, HI	423.30	1,114.44	1,537.74	5.4%
Houston, TX	452.40	585.72	1,038.12	1.2%
Indianapolis, IN	469.08	646.40	1,115.48	4.0%
Jacksonville, FL	337.93	686.54	1,024.46	0.0%
Los Angeles, CA	590.92	428.64	1,019.56	11.7%
Milwaukee, WI	299.64	380.28	679.92	7.3%
MWRA Service Area	557.73	871.19	1,428.92	3.5%
New Orleans, LA	477.06	541.80	1,018.86	10.0%
New York, NY	444.00	705.96	1,149.96	3.4%
Newark, NJ	298.63	397.49	696.12	0.9%
Philadelphia, PA	546.12	415.44	961.56	5.3%
Portland, ME	330.48	1,057.20	1,387.68	4.8%
Providence, RI	440.28	618.15	1,058.43	6.6%
Saint Louis, MO	307.76	533.40	841.16	7.0%
Saint Paul, MN	306.66	436.80	743.46	2.7%
San Antonio, TX	335.75	371.76	707.51	4.6%
San Diego, CA	695.16	615.76	1,310.92	8.8%
San Francisco, CA	714.00	1,042.56	1,756.56	0.0%
San Jose, CA	734.12	405.96	1,140.08	16.3%
Seattle, WA	793.60	1,410.00	2,203.60	3.5%
Washington, DC	520.46	635.86	1,156.32	5.8%
<b>AVERAGE</b>	<b>\$471.39</b>	<b>\$648.55</b>	<b>\$1,119.94</b>	<b>5.7%</b>

Water and sewer charges based on an annual water consumption of 120 HCF ≈ 90 kgal

Note: MWRA Service Area averages exclude non-sewered communities.



## Austin, Texas

**Residential Water Rates:**

Last adjusted:	November 2014
Next adjustment scheduled:	Unknown
Fund:	Enterprise
Base charge (5/8" meter)	\$ 7.55/month
0 – 2 kgal	\$ 2.93/kgal
2 – 6 kgal	\$ 4.49 "
6 – 11 kgal	\$ 7.29 "
11 – 20 kgal	\$11.03 "
>20 kgal	\$13.93 "

Billing Frequency: Monthly

**Residential Sewer Rates:**

Last adjusted:	November 2014
Next adjustment scheduled:	Unknown
Fund:	Enterprise
Base charge	\$10.30/month
0 – 2 kgal	\$ 4.51/kgal
>2 kgal	\$ 9.13 "
	Based on winter average

**Annual Cost**  
**AWWA Standard for Historical Comparison**  
(120 HCF ≈ 90,000 gals.)

Water	\$616.56
Sewer	\$834.42
Combined	\$1,450.98
% change from 2013	24.4%

- Included in the cost of water is a tiered minimum charge for water usage. Based on 7,500 gallons used per month, or 90,000 gallons per year, that cost is \$7.65 per month, or \$91.80 per year.
- Also included in the cost of water is a Water Revenue Stability Reserve Fund Surcharge of \$0.19 per 1,000 gallons. Based on 7,500 gallons used per month, this is \$1.42 per month, or \$17.10 per year.
- Not included in these rates is a stormwater fee based on impervious acreage of residential units. A calculator is available online for homeowners to calculate their stormwater fee. See [Appendix G](#).

## Columbus, Ohio

**Residential Water Rates:**

Last adjusted:	January 2013
Next adjustment scheduled:	Unknown
Fund:	Enterprise
Base charge (5/8" meter)	\$31.75/quarter
0 – 5 HCF/month	\$ 2.596/HCF
>5 HCF/month	\$ 2.886 "

Billing Frequency: Quarterly

**Residential Sewer Rates:**

Last adjusted:	January 2013
Next adjustment scheduled:	Unknown
Fund:	Enterprise
Base charge (5/8" meter)	\$11.08/quarter
All units	\$ 3.80/HCF
Based on 100% of water usage.	

**Annual Cost**  
**AWWA Standard for Historical Comparison**  
(120 HCF ≈ 90,000 gals.)

Water	\$455.92
Sewer	\$500.32
Combined	\$956.24
% change from 2013	1.1%

Not included in these rates is the tier-based stormwater fee which uses an ERU calculation. See [Appendix G](#).

## Dallas, Texas

**Residential Water Rates:**

Last adjusted:	October 2014
Next adjustment scheduled:	Unknown
Fund:	Enterprise
Base charge (5/8" meter)	\$4.85/bill
0 – 4 kgal	\$1.80/kgal
>4 – 10 kgal	\$3.91 "
>10 – 15 kgal	\$5.50 "
>15 kgal	\$7.63 "

Billing Frequency: Monthly

**Residential Sewer Rates:**

Last adjusted:	October 2014
Next adjustment scheduled:	Unknown
Fund:	Enterprise
Base charge (5/8" meter)	\$4.45/bill
All units	\$4.95/kgal
Based on the annually adjusted average water consumed during the winter months of December, January, February, and March; 40 kgal maximum or actual consumption rate per month, whichever is less.	

**Annual Cost**  
**AWWA Standard for Historical Comparison**  
(120 HCF ≈ 90,000 gals.)

Water	\$308.82
Sewer	\$498.90
Combined	\$807.72
% change from 2013	1.7%

Not included in these rates is a stormwater fee based on square feet of residential units. A calculator is available online for homeowners to calculate their stormwater fee. See [Appendix G](#).

## Detroit, Michigan

**Residential Water Rates:**

Last adjusted:	July 2014
Next adjustment scheduled:	July 2015
Fund:	Enterprise
Meter charge (5/8" meter)	\$6.30/bill
All units	\$2.171/HCF

Billing Frequency: Monthly

**Residential Sewer Rates:**

Last adjusted:	July 2014
Next adjustment scheduled:	July 2015
Fund:	Enterprise
Base charge	\$ 5.47/bill
All units	\$ 4.626/HCF

Based on 100% of water usage

**Annual Cost**  
**AWWA Standard for Historical Comparison**  
(120 HCF ≈ 90,000 gals.)

Water	\$336.12
Sewer	\$620.76
Combined	\$956.88
% change from 2013	8.2%

Not included in these rates is a flat fee for stormwater charged on each monthly bill; referred to as a drainage charge. See [Appendix G](#).

## Fort Worth, Texas

**Residential Water Rates:**

Last adjusted:	January 2014
Next adjustment scheduled:	January 2015
Fund:	Enterprise
Service charge (%" meter)	\$9.00/bill
0 – 8 HCF	\$1.97/HCF
>8 – 20 HCF	\$2.80 "
>20 – 30 HCF	\$3.55 "
>30 HCF	\$4.40 "

Billing Frequency: Monthly

**Residential Sewer Rates:**

Last adjusted:	January 2014
Next adjustment scheduled:	January 2015
Fund:	Enterprise
Base charge	\$5.10/bill
All units	\$3.00/HCF
Based on an individual customer's average monthly usage during the preceding months of December, January, and February. In no event, shall the volume used to compute the monthly charge exceed 15 HCF.	

**Annual Cost**  
**AWWA Standard for Historical Comparison**  
(120 HCF ≈ 90,000 gals.)

Water	\$364.32
Sewer	\$421.20
Combined	\$785.52
% change from 2013	4.8%

Not included in these rates is a stormwater fee based on impervious area. See [Appendix G](#).

## Honolulu, Hawaii

**Residential Water Rates:**

Last adjusted:	July 2014
Next adjustment scheduled:	July 2015
Fund:	Enterprise
Base charge	\$8.44/bill
0 – 13 kgal	\$4.03/kgal
>13 – 30 kgal	\$4.86 "
>30 kgal	\$7.24 "

Billing Frequency: Bi-monthly

**Residential Sewer Rates:**

Last adjusted:	July 2014
Next adjustment scheduled:	July 2015
Fund:	Enterprise
Base charge	\$68.39/month
All units	\$ 4.08/kgal
Based on 80% of water usage	

**Annual Cost**  
**AWWA Standard for Historical Comparison**  
(120 HCF ≈ 90,000 gals.)

Water	\$423.30
Sewer	\$1,114.44
Combined	\$1,537.74
% change from 2013	5.4%

## Houston, Texas

**Residential Water Rates:**

Last adjusted:	April 2014
Next adjustment scheduled:	April 2015
Fund:	Enterprise
Base charge (5/8" meter)	\$ 4.79/bill
0 - 1 kgal	\$ 4.92/kgal
>1 - 2 kgal	\$11.21 "
>2 - 3 kgal	\$11.59 "
>3 - 4 kgal	\$21.92 "
>4 - 5 kgal	\$26.27 "
>5 - 6 kgal	\$30.62 "
>6 - 12 kgal	\$30.62 + \$4.72 per add'l kgal
>12 kgal	\$58.94 + \$7.78 per add'l kgal

**Residential Sewer Rates:**

Last adjusted:	April 2014
Next adjustment scheduled:	April 2015
Fund:	Enterprise
Base charge	\$10.17/bill
0 - 1 kgal	\$10.33/kgal
>1 - 2 kgal	\$10.67 "
>2 - 3 kgal	\$10.94 "
>3 - 4 kgal	\$25.10 "
>4 - 5 kgal	\$30.21 "
>5 - 6 kgal	\$37.65 "
>6 kgal	\$37.65 + \$7.44 per add'l kgal

Based on 100% of water usage

Billing Frequency:

Monthly

**Annual Cost**  
**AWWA Standard for Historical Comparison**  
(120 HCF ≈ 90,000 gals.)

Water	\$452.40
Sewer	\$585.72
Combined	\$1,038.12
% change from 2013	1.2%

Not included in these rates is a stormwater fee based on impervious area. See [Appendix G](#).

## Indianapolis, Indiana

**Residential Water Rates:**

Last adjusted:	March 2014
Next adjustment scheduled:	Unknown
Fund:	Enterprise
Base charge (5/8" meter)	\$8.71/bill
All Units	\$3.038/HCF

**Residential Sewer Rates:**

Last adjusted:	October 2014
Next adjustment scheduled:	Unknown
Fund:	General
Base charge	\$ 15.62/bill
0 - 7,500 gallons	\$ 5.0995/kgal
>7,500 gallons	\$ 5.7621 "
Minimum bill	\$30.92

Based on 100% of water usage

Billing Frequency:

Monthly

**Annual Cost**  
**AWWA Standard for Historical Comparison**  
(120 HCF ≈ 90,000 gals.)

Water	\$469.08
Sewer	\$646.40
Combined	\$1,115.48
% change from 2013	4.0%

## Jacksonville, Florida

**Residential Water Rates:**

Last adjusted:	October 2012
Next adjustment scheduled:	No response
Fund:	Enterprise
Base charge (%" meter)	\$12.60/bill
0 – 6 kgal	\$ 0.93/kgal
>6 – 20 kgal	\$ 2.60 "
>20 kgal	\$ 5.60 "
Environmental (all kgal)	\$ 0.37 "

Billing Frequency: Monthly

**Residential Sewer Rates:**

Last adjusted:	October 2012
Next adjustment scheduled:	No response
Fund:	Enterprise
Base charge	\$ 14.10/bill
0 – 6 kgal	\$ 4.94/kgal
>6 – 20 kgal	\$ 6.02 "
Environmental 1 – 20 kgal	\$ 0.37/kgal
MAXIMUM BILL	\$135.42

Based on 100% of water usage up to 20 kgal

**Annual Cost**  
**AWWA Standard for Historical Comparison**  
(120 HCF ≈ 90,000 gals.)

Water	\$337.93
Sewer	\$686.54
Combined	\$1,024.47
% change from 2013	0.0%

- A 10% Public Service Tax, 3% Franchise Fee and Environmental Charges (water and sewer) are included.
- Not included in these rates is Jacksonville's stormwater fee, based on impervious area. See [Appendix G](#).

## Los Angeles, California

**Residential Water Rates:**

Last adjusted:	July 2014
Next adjustment scheduled:	Unknown
Fund:	Enterprise
November 1 to May 31	
0 – 28 HCF (average rate)	\$4.78/HCF
>28 HCF (average rate)	\$5.80 "
June 1 to October 31	
0 – 44 HCF (average rate)	\$5.13/HCF
>44 HCF (average rate)	\$5.79 "
Billing Frequency:	Bi-monthly

**Residential Sewer Rates:**

Last adjusted:	July 2008
Next adjustment scheduled:	Unknown
Fund:	Enterprise
All units	\$3.76/HCF

Dry Winter Compensation factor is 95%.

**Annual Cost**  
**AWWA Standard for Historical Comparison**  
(120 HCF ≈ 90,000 gals.)

Water	\$590.92
Sewer	\$428.64
Combined	\$1,019.56
% change from 2013	11.7%

- The Los Angeles Department of Water and Power uses lot size, temperature zone and household size to determine the number of HCF each customer has at the first tier rate.
- Residential sewer rates are based on the period with the minimum winter water used daily average times the dry winter compensation factor of 95%. Periods after July of each year have the calculated daily volume multiplied by the days in the period times \$3.57/HCF.

## Milwaukee, Wisconsin

**Residential Water Rates:**

Last adjusted:	June 2014
Next adjustment scheduled:	No response
Fund:	Enterprise
Base charge (¾" meter)	\$21.51/bill
0 – 100 HCF	\$ 1.78/HCF
>100 – 5,000 HCF	\$ 1.68 "
>5,000 – 20,000 HCF	\$ 1.11 "
>20,000 HCF	\$ 1.00 "
Billing Frequency:	Quarterly

**Residential Sewer Rates:**

Last adjusted:	February 2014
Next adjustment scheduled:	No response
Fund:	Enterprise
Service charge	\$14.67/bill
All units (volume charge)	\$ 1.34/HCF
Local Sewerage Charge	\$ 1.29 "
(formerly the Sewer Maintenance Fee)	
Based on winter water usage	

**Annual Cost  
AWWA Standard for Historical Comparison  
(120 HCF ≈ 90,000 gals.)**

Water	\$299.64
Sewer	\$380.28
Combined	\$679.92
% change from 2013	7.3%

Not included in these rates is a flat fee for stormwater charged per house (1-4 units). See [Appendix G](#).

## New Orleans, Louisiana

**Residential Water Rates:**

Last adjusted:	January 2014
Next adjustment scheduled:	January 2015
Fund:	Enterprise
Service charge (½" meter)	\$4.91/bill
0 – 3 kgal	\$3.26/kgal
>3 – 20 kgal	\$5.57 "
>20 – 1,000 kgal	\$4.38 "
>1,000 kgal	\$3.67 "

Billing Frequency:	Monthly
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**Residential Sewer Rates:**

Last adjusted:	January 2014
Next adjustment scheduled:	January 2015
Fund:	Enterprise
Service charge (½" meter)	\$14.04/bill
All units	\$ 4.88/kgal
Based on 85% of water usage	

**Annual Cost  
AWWA Standard for Historical Comparison  
(120 HCF ≈ 90,000 gals.)**

Water	\$477.06
Sewer	\$541.80
Combined	\$1,018.86
% change from 2013	10.0%

## New York, New York

**Residential Water Rates:**

Last adjusted: July 2014  
 Next adjustment scheduled: July 2015  
 Fund: Enterprise  
 Minimum charge \$44.10  
 All units \$ 3.70/HCF  
 Billing Frequency: Quarterly

**Residential Sewer Rates:**

Last adjusted: July 2014  
 Next adjustment scheduled: July 2015  
 Fund: Enterprise  
 Minimum charge \$70.20  
 All units \$ 5.88/HCF  
 Based on 159% of water rate.

**Annual Cost**  
**AWWA Standard for Historical Comparison**  
 (120 HCF ≈ 90,000 gals.)

Water	\$444.00
Sewer	\$705.96
Combined	\$1,149.96
% change from 2013	3.4%

## Newark, New Jersey

**Residential Water Rates:**

Last adjusted: January 2014  
 Next adjustment scheduled: No response  
 Fund: General  
 Base charge includes 3 HCF  
 >3 – 333 HCF \$8.03/bill  
 >333 – 1,666 HCF \$2.408/HCF  
 >1,666 HCF \$2.150 "  
                           \$1.929 "

**Residential Sewer Rates:**

Last adjusted: January 2014  
 Next adjustment scheduled: No response  
 Fund: Enterprise  
 Base charge 0 – 6 HCF \$20.70/bill  
 >6 HCF \$3.106/HCF  
 Based on 100% of water usage

Billing Frequency: Monthly

**Annual Cost**  
**AWWA Standard for Historical Comparison**  
 (120 HCF ≈ 90,000 gals.)

Water	\$298.63
Sewer	\$397.49
Combined	\$696.12
% change from 2013	0.9%

## Philadelphia, Pennsylvania

**Residential Water Rates:**

Last adjusted:	July 2014
Next adjustment scheduled:	Unknown
Fund:	Enterprise
Base charge (5/8" meter)	\$6.46/bill
0 – 20 HCF	\$3.905/HCF
>20 – 98 HCF	\$3.154 "
>98 – 200 HCF	\$2.895 "
>200 HCF	\$2.198 "

Billing Frequency: Monthly

**Residential Sewer Rates:**

Last adjusted:	July 2014
Next adjustment scheduled:	Unknown
Fund:	Enterprise
Base charge (5/8" meter)	\$ 6.55/bill
All units	\$ 2.807/HCF
	Based on 100% of water usage

**Annual Cost**  
**AWWA Standard for Historical Comparison**  
(120 HCF ≈ 90,000 gals.)

Water	\$546.12
Sewer	\$415.44
Combined	\$961.56
% change from 2013	5.3%

Stormwater charge of \$13.45 per month was reflected in the 2013 document but removed in this document.  
Philadelphia charges a flat fee for residential parcels and charges commercial parcels based on impervious area. See [Appendix G](#).

## Portland, Maine

**Residential Water Rates:**

Last adjusted:	July 2014
Next adjustment scheduled:	Unknown
Fund:	Enterprise
Minimum charge (5/8" meter)	
includes 1 HCF	\$8.46/bill
>1 – 30 HCF	\$2.12/HCF
>30 – 100 HCF	\$1.72 "
>100 – 500 HCF	\$1.52 "
>500 HCF	\$0.86 "
Billing Frequency:	Monthly

**Residential Sewer Rates:**

Last adjusted:	July 2014
Next adjustment scheduled:	Unknown
Fund:	Enterprise
Minimum charge (5/8" meter)	
includes 1 HCF	\$8.81/bill
>1	\$8.81/HCF
	Based on 100% of water usage

**Annual Cost**  
**AWWA Standard for Historical Comparison**  
(120 HCF ≈ 90,000 gals.)

Water	\$330.48
Sewer	\$1,057.20
Combined	\$1,387.68
% change from 2013	4.8%

## Providence, Rhode Island

**Residential Water Rates:**

Last adjusted:	Dec. 2013
Next adjustment scheduled:	Dec. 2016
Fund:	Enterprise
Minimum charge (%" meter)	\$7.89/bill

All units \$ 2.88/HCF

**Residential Sewer Rates:**

Last adjusted:	Sept. 2014
Next adjustment scheduled:	July 2015
Fund:	Enterprise
Annual Fixed Fee (any size meter up to 6 dwelling units)	\$210.51/dwelling
All units	\$ 3.397/HCF
Sewer costs based on service from the Narragansett Bay Commission Field's Point Wastewater Treatment Facility.	
Based on 100% of water usage.	

Billing Frequency: Water: Quarterly

Sewer: Monthly

**Annual Cost  
AWWA Standard for Historical Comparison  
(120 HCF ≈ 90,000 gals.)**

Water	\$440.28
Sewer	\$618.15
Combined	\$1,058.43
% change from 2013	6.6%

- In Providence, water services are provided by the Providence Water Supply Board, while sewer services are managed by the Narragansett Bay Commission.
- For sewer service, anything over 6 dwelling units is billed at commercial rates.

## Saint Louis, Missouri

**Residential Water Rates:**

Last adjusted:	July 2010
Next adjustment scheduled:	Unknown
Fund:	Enterprise
Base charge (%" meter)	\$23.84
0 – 250 HCF	\$ 1.77/HCF
>250 – 20,000 HCF	\$ 1.38 "
>20,000 HCF	\$ 1.04 "
Billing Frequency:	Water: Quarterly

**Residential Sewer Rates:**

Last adjusted:	Unknown
Next adjustment scheduled:	Unknown
Fund:	Special Revenue
Base charge	\$16.25/bill
All units	\$ 2.82/HCF
Based on 100% of water usage	
Sewer: Monthly	

**Annual Cost  
AWWA Standard for Historical Comparison  
(120 HCF ≈ 90,000 gals.)**

Water	\$307.76
Sewer	\$533.40
Combined	\$841.16
% change from 2013	7.0%

- Saint Louis offers flat rates for domestic use based on such factors as the number of rooms and bathrooms within each residence. Utilization of the flat rate structure provides for unlimited water usage within each participating household. For the purposes of the MWRA Advisory Board Retail Rate Survey, charges are based upon the metered rates as specified within the City of Saint Louis Ordinance #68694.
- The stormwater fee that existed in prior years was removed due to a legal decision.

## Saint Paul, Minnesota

**Residential Water Rates:**

Last adjusted: Unknown  
 Next adjustment scheduled: Unknown  
 Fund: Enterprise  
 Service Base Fee (<1") \$9.00/quarter  
 Right of Way Recovery Fee \$4.50/"  
 Winter – December to May:  
 All units \$2.34/HCF  
 Summer – June to November:  
 All units \$2.44/HCF

**Residential Sewer Rates:**

Last adjusted: Unknown  
 Next adjustment scheduled: Unknown  
 Fund: Enterprise  
 0 – 1,000 HCF \$3.64/HCF  
 >1,000 – 5,000 HCF \$3.57 "  
 >5,000 HCF \$3.50 "  
 Minimum charge of \$7.20 for 1" and smaller  
 meters.  
 Based on 100% of water usage

Annual testing charge \$6.36/household  
 Billing Frequency: Quarterly

**Annual Cost**  
**AWWA Standard for Historical Comparison**  
 (120 HCF ≈ 90,000 gals.)

Water	\$306.66
Sewer	\$436.80
Combined	\$743.46
% change from 2013	2.7%

Not included in these rates is a Storm Sewer System Charge charged at a flat rate of \$82.47 per year for one and two-family homes (with less than 1/3 acre) and \$55.48 for condominiums and town homes. See [Appendix G](#).

## San Antonio, Texas

**Residential Water Rates:**

Last adjusted:	January 2014
Next adjustment scheduled:	January 2015
Fund:	General
Base charge (5/8" meter)	\$7.31/bill
Water Supply Fee	
0 – 5.985 kgal	\$1.223/kgal
>5.985 – 12.717 kgal	\$1.768 "
>12.717 – 17.205 kgal	\$2.495 "
>17.205 kgal	\$4.366 "
Winter – October to April:	
0 – 5.985 kgal	\$0.971/kgal
>5.985 – 12.717 kgal	\$1.406 "
>12.717 – 17.205 kgal	\$1.982 "
>17.205 kgal	\$3.471 "
Summer – May to September	
0 – 5.985 kgal	\$0.971/kgal
>5.985 – 12.717 kgal	\$1.529 "
>12.717 – 17.205 kgal	\$2.273 "
>17.205 kgal	\$4.710 "
EAA Fee	\$0.3295/kgal
Texas Commission on Environmental Quality Fee:	\$0.18/month
Billing Frequency:	Monthly

**Residential Sewer Rates:**

Last adjusted:	January 2014
Next adjustment scheduled:	January 2015
Fund:	General
Min. charge includes 1.496 kgal	\$11.93
>1.496 kgal	\$ 3.163/kgal
Computed on the basis of average water usage for 90 days during the period beginning November 15 and ending on or about March 15 of each year.	

Texas Commission on Environmental Quality Fee: \$0.06/month

**Annual Cost  
AWWA Standard for Historical Comparison  
(120 HCF ≈ 90,000 gals.)**

Water	\$335.75
Sewer	\$371.76
Combined	\$707.51
% change from 2013	4.6%

- San Antonio has two water systems; the water rates cited are provided by the San Antonio Water System.
- Not included in these rates is a monthly Stormwater Fee billed by SAWS. The fee is calculated for the Impervious Surface Area based on "Equivalent Residential Units". See [Appendix G](#).

## San Diego, California

**Residential Water Rates:**

Last adjusted:	January 2014
Next adjustment scheduled:	January 2015
Fund:	Enterprise
Base charge (%" meter)	\$37.78/bill
0 – 8 HCF/month	\$ 3.64/HCF
>8 – 24 HCF/month	\$ 4.08 "
>24 – 36 HCF/month	\$ 5.82 "
>36 HCF/month	\$ 8.19 "

Billing Frequency: Bi-monthly

**Residential Sewer Rates:**

Last adjusted:	March 2012
Next adjustment scheduled:	Unknown
Fund:	Enterprise
Base charge	\$ 30.66/bill
All units	\$ 3.5983/HCF
Charge for SRF customers without winter use history	
Based on a cap of 9 HCF	\$95.43

**Annual Cost**  
**AWWA Standard for Historical Comparison**  
(120 HCF ≈ 90,000 gals.)

Water	\$695.16
Sewer	\$615.76
Combined	\$1,310.92
% change from 2013	8.8%

Annual cost calculation does not include \$0.95/month storm drain fee. See [Appendix G](#).

## San Francisco, California

**Residential Water Rates:**

Last adjusted:	July 2013
Next adjustment scheduled:	July 2015
Fund:	Enterprise
Base charge (%" meter)	\$8.40
0 – 3 HCF/month	\$4.20/HCF
>3 HCF/month	\$5.50 "

Billing Frequency: Monthly

**Residential Sewer Rates:**

Last adjusted:	July 2013
Next adjustment scheduled:	July 2015
Fund:	Enterprise
0 – 3 HCF/dwelling unit/mo	\$ 7.90/HCF
>3 HCF	\$10.53 "
Based on 90% of water usage	

**Annual Cost**  
**AWWA Standard for Historical Comparison**  
(120 HCF ≈ 90,000 gals.)

Water	\$714.00
Sewer	\$1,042.56
Combined	\$1,756.56
% change from 2013	0.0%

- San Francisco calculates its bills for its customers every month. San Francisco reports that single-family residential customers have an average use of 72 HCF/year. At this level, annual costs per household would be \$450.00 (water) and \$587.66 (sewer).
- While multiple family dwelling units in San Francisco vary widely in water usage, a dwelling unit consuming 48 HCF/year would have an annual water bill of \$318.00 and an annual sewer bill of \$410.76.

## San Jose, California

**Residential Water Rates:**

Last adjusted:	July 2014
Next adjustment scheduled:	Unknown
Fund:	Enterprise
Base charge (5/8" meter)	\$20.37/bill
0 – 3 HCF	\$ 2.6154/HCF
4 – 18 HCF	\$ 2.8760 "
>18 HCF	\$ 3.8027 "
Billing Frequency:	Water: Bi-monthly

**Residential Sewer Rates:**

Last adjusted:	January 2013
Next adjustment scheduled:	Unknown
Fund:	Enterprise
Flat rate	\$405.96/year

**Annual Cost**  
**AWWA Standard for Historical Comparison**  
(120 HCF ≈ 90,000 gals.)

Water	\$734.12
Sewer	\$405.96
Combined	\$1,140.08
% change from 2013	16.3%

- Rates cited for San Jose are provided by the San Jose Water Company (water) and the City of San Jose (sewer).
- The annual cost for water includes miscellaneous additional charges and credits not listed here.
- San Jose charges a stormwater fee based on the size of a residence, not included above. See [Appendix G](#).

## Seattle, Washington

**Residential Water Rates:**

Last adjusted:	January 2014
Next adjustment scheduled:	Unknown
Fund:	Enterprise
Base charge (3/4" meter)	\$13.75/month
Winter – September 16 to May 15: All units	\$ 4.99 /HCF
Summer – May 16 To September 15: 0 – 5 HCF	\$ 5.13/HCF
5 – 18 HCF	\$ 6.34 "
>18 HCF	\$11.80 "

Billing Frequency: Bi-monthly

**Residential Sewer Rates:**

Last adjusted:	January 2014
Next adjustment scheduled:	January 2015
Fund:	Enterprise
All units	\$11.75/HCF

Summer residential sewer bills are based on their prior winter water use or their actual summer use, whichever is less. Summer non-residential and multi-family bills are based on 100% of annual water consumption

**Annual Cost**  
**AWWA Standard for Historical Comparison**  
(120 HCF ≈ 90,000 gals.)

Water	\$793.60
Sewer	\$1,410.00
Combined	\$2,203.60
% change from 2013	3.5%

- Seattle reports that the typical single-family residential customer uses 60 HCF/year of water and 51.6 HCF/year of sewer. The annual cost for service at this level of usage would be \$467.20 (water) and \$606.30 (sewer).
- Seattle charges a drainage fee at an annual rate based on square feet of parcel, not included. See [Appendix G](#).

## Washington, District of Columbia

**Residential Water Rates:**

Last adjusted:	October 2014
Next adjustment scheduled:	October 2015
Fund:	Enterprise
Meter fee (5/8" meter)	\$1.737/month
All units	\$3.880/HCF
Right-of-Way Fee	\$0.0765 "
PILOT Fee	\$0.2070 "

**Residential Sewer Rates:**

Last adjusted:	October 2014
Next adjustment scheduled:	October 2015
Fund:	Enterprise
Meter fee (5/8" meter)	\$2.123/month
All units	\$4.74/HCF
Right of Way Fee	\$0.0935 "
PILOT Fee	\$0.2530 "

Billing Frequency: Monthly

**Annual Cost**  
**AWWA Standard for Historical Comparison**  
(120 HCF ≈ 90,000 gals.)

Water	\$520.46
Sewer	\$635.86
Combined	\$1,156.32
% change from 2013	5.8%

- Right-of-Way, PILOT, and Metering fee have been prorated based on 45% water and 55% sewer.
- An Impervious Area Charge (IAC) and D.C. Stormwater Fee were included in the 2013 document but removed from the calculation in this document. The IAC was introduced in 2009 to more equitably distribute the cost of the Combined Sewer Overflow Long Term Control Plan (CSO LTCP). The IAC is based on Equivalent Residential Units.
- The IAC increased from \$11.85/mth in 2013 to \$16.75/mth in 2014 and the DC Stormwater Fee is \$2.67/mth. Factoring these fees into the Annual Cost of 120 HCF, a sewer bill would be \$868.90 in 2014. See [Appendix G](#).

## **APPENDIX A**

### **2013 WATER & SEWER RETAIL RATE INFORMATION**

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NOTE: The Advisory Board endeavors to portray the most accurate information possible at time of print. As a result, some 2013 rates and calculations may differ from the information published in the 2013 Retail Rate Survey to reflect more accurate information obtained since that time.

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## Combined Annual Water and Sewer Charges for Communities Receiving Services from the MWRA 2013

Charges include MWRA, community, and alternatively supplied services.

Rates based on average annual household use of **120 hundred cubic feet (HCF)**, or approximately **90,000 gallons**.

	Water	Sewer	Combined	Change
Arlington (W/S)*	\$638.86	\$626.40	\$1,265.26	7.5%
Ashland (S)	\$375.60	\$1,440.80	\$1,816.40	0.0%
Bedford (S/partial W)	\$539.00	\$930.20	\$1,469.20	4.1%
Belmont (W/S)	\$753.48	\$1,413.64	\$2,167.12	4.6%
Boston (W/S)	\$544.52	\$700.32	\$1,244.84	3.9%
Braintree (S)	\$457.80	\$669.40	\$1,127.20	5.3%
Brookline (W/S)	\$616.80	\$907.40	\$1,524.20	1.9%
Burlington (S)	\$196.50	\$391.50	\$588.00	6.3%
Cambridge (S/partial W)	\$380.00	\$1,021.20	\$1,401.20	3.0%
Canton (S/partial W)	\$647.20	\$875.60	\$1,522.80	2.9%
Chelsea (W/S)	\$492.00	\$963.60	\$1,455.60	0.0%
Chicopee (W)	\$348.00	\$600.70	\$948.70	-5.0%
Clinton (W/S)	\$343.60	\$257.70	\$601.30	0.0%
Dedham (S/partial W)	\$592.44	\$937.28	\$1,529.72	0.0%
Everett (W/S)	\$229.20	\$625.20	\$854.40	0.0%
Framingham (W/S)	\$682.56	\$761.40	\$1,443.96	15.8%
Hingham (S)	\$939.68	\$1,092.00	\$2,031.68	-1.7%
Holbrook (S)	\$620.40	\$724.80	\$1,345.20	-0.1%
Leominster (partial W)	\$455.84	\$508.76	\$964.60	2.5%
Lexington (W/S)	\$463.60	\$1,017.20	\$1,480.80	1.6%
Lynn (partial W)	\$400.80	\$736.92	\$1,137.72	0.0%
Malden (W/S)	\$563.70	\$689.76	\$1,253.46	2.4%
Marblehead (W)	\$562.00	\$795.00	\$1,357.00	2.6%
Marlborough (partial W)	\$639.60	\$660.00	\$1,299.60	4.9%
Medford (W/S)	\$637.20	\$948.00	\$1,585.20	2.3%
Melrose (W/S)	\$768.40	\$1,040.28	\$1,808.68	2.8%
Milton (W/S)	\$726.24	\$1,202.40	\$1,928.64	2.2%
Nahant (W)*	\$806.40	\$1,066.80	\$1,873.20	6.4%
Natick (S)	\$326.00	\$984.80	\$1,310.80	3.4%
Needham (S/partial W)	\$483.00	\$997.80	\$1,480.80	0.0%
Newton (W/S)	\$747.20	\$1,101.20	\$1,848.40	3.9%
Northborough (partial W)	\$587.08	\$759.60	\$1,346.68	14.2%
Norwood (W/S)	\$528.72	\$697.68	\$1,226.40	1.0%
Peabody (partial W)	\$306.00	\$409.80	\$715.80	0.0%
Quincy (W/S)	\$640.80	\$1,034.04	\$1,674.84	4.2%
Randolph (S)	\$546.20	\$845.60	\$1,391.80	8.0%
Reading (W/S)	\$1,100.40	\$1,245.60	\$2,346.00	4.2%
Revere (W/S)	\$441.60	\$1,390.80	\$1,832.40	15.1%
Saugus (W)	\$513.20	\$344.00	\$857.20	0.0%
Somerville (W/S)	\$581.25	\$890.13	\$1,471.38	3.0%
Stoneham (W/S)	\$576.00	\$1,176.00	\$1,752.00	7.4%
Stoughton (S/partial W)	\$504.16	\$1,140.00	\$1,644.16	2.2%
Swampscott (W)	\$788.00	\$689.00	\$1,477.00	-2.8%
Wakefield (S/partial W)	\$588.60	\$1,101.60	\$1,690.20	2.0%
Walpole (S)	\$582.36	\$758.11	\$1,340.47	1.1%
Waltham (W/S)	\$428.64	\$753.00	\$1,181.64	0.0%
Watertown (W/S)	\$504.56	\$927.60	\$1,432.16	2.8%
Wellesley (S/partial W)	\$445.68	\$1,011.60	\$1,457.28	5.1%
Westwood (S/partial W)	\$592.44	\$768.00	\$1,360.44	1.5%
Weymouth (S)	\$590.88	\$938.84	\$1,529.72	0.0%
Wilbraham (W)	\$462.00	\$492.00	\$954.00	5.3%
Wilmington (S/partial W)	\$449.60	\$598.80	\$1,048.40	0.0%
Winchester (S/partial W)*	\$275.60	\$313.20	\$588.80	0.0%
Winthrop (W/S)	\$693.60	\$1,076.40	\$1,770.00	10.8%
Woburn (S/partial W)	\$205.00	\$328.00	\$533.00	0.0%
Worcester (partial W)	\$421.20	\$570.24	\$991.44	6.9%
<b>AVERAGE</b>	<b>\$541.63</b>	<b>\$838.35</b>	<b>\$1,379.98</b>	<b>3.2%</b>

The following communities do not provide municipal sewer services and, therefore, are not listed: Lynnfield Water District, South Hadley Fire District #1, Southborough and Weston.

(\*) Indicates communities that utilize the debt service exclusion as permitted under General Law 59 Section 21C(n).

ANNUAL WATER AND SEWER CHARGES IN COMMUNITIES RECEIVING SERVICES FROM THE MWRA 2013		
	Water	Sewer
Arlington (W/S)*	\$638.86	\$626.40
Ashland (S)	-	1,440.80
Bedford (S/partial W)	539.00	930.20
Belmont (W/S)	753.48	1,413.64
Boston (W/S)	544.52	700.32
Braintree (S)	-	669.40
Brookline (W/S)	616.80	907.40
Burlington (S)	-	391.50
Cambridge (S/partial W)	380.00	1,021.20
Canton (S/partial W)	647.20	875.60
Chelsea (W/S)	492.00	963.60
Chicopee (W)	348.00	-
Clinton (W/S)	343.60	257.70
Dedham (S/partial W)	592.44	937.28
Everett (W/S)	229.20	625.20
Framingham (W/S)	682.56	761.40
Hingham (S)	-	1,092.00
Holbrook (S)	-	724.80
Leominster (partial W)	455.84	-
Lexington (W/S)	463.60	1,017.20
Lynn (partial W)	400.80	-
Lynnfield (W)	337.60	-
Malden (W/S)	563.70	689.76
Marblehead (W)	562.00	-
Marlborough (partial W)	639.60	-
Medford (W/S)	637.20	948.00
Melrose (W/S)	768.40	1,040.28
Milton (W/S)	726.24	1,202.40
Nahant (W)*	806.40	-
Natick (S)	-	984.80
Needham (S/partial W)	483.00	997.80
Newton (W/S)	747.20	1,101.20
Northborough (partial W)	587.08	-
Norwood (W/S)	528.72	697.68
Peabody (partial W)	306.00	-
Quincy (W/S)	640.80	1,034.04
Randolph (S)	-	845.60
Reading (W/S)	1,100.40	1,245.60
Revere (W/S)	441.60	1,390.80
Saugus (W)	513.20	-
Somerville (W/S)	581.25	890.13
South Hadley (W)	426.80	-
Southborough (W)	410.32	-
Stoneham (W/S)	576.00	1,176.00
Stoughton (S/partial W)	504.16	1,140.00
Swampscott (W)	788.00	-
Wakefield (S/partial W)	588.60	1,101.60
Walpole (S)	-	758.11
Waltham (W/S)	428.64	753.00
Watertown (W/S)	504.56	927.60
Wellesley (S/partial W)	445.68	1,011.60
Weston (W)	279.00	-
Westwood (S/partial W)	592.44	768.00
Weymouth (S)	-	938.84
Wilbraham (W)	462.00	-
Wilmington (S/partial W)	-	598.80
Winchester (S/partial W)*	275.60	313.20
Winthrop (W/S)	693.60	1,076.40
Woburn (S/partial W)	205.00	328.00
Worcester (partial W)	421.20	-
<b>AVERAGE</b>	<b>\$534.00</b>	<b>\$893.52</b>
<b>Percent change</b>	<b>7.3%</b>	<b>5.5%</b>

Water and Sewer Charges are based on an annual water consumption of 120 HCF ≈ 90 kgal.

(\*) Indicates communities that utilize the debt service exclusion as permitted under General Law 59 Section 21C(n).

**CHARGES FOR SELECTED NON-MWRA COMMUNITIES IN  
MASSACHUSETTS  
2013**

	Water	Sewer	Combined
Abington	\$618.00	\$640.00	\$1,258.00
Agawam	238.80	376.32	615.12
Ayer	309.20	798.80	1,108.00
Beverly	308.40	739.20	1,047.60
Brockton	443.40	446.00	889.40
Fairhaven	477.00	774.00	1,251.00
Fall River	318.00	490.80	808.80
Fitchburg	367.44	876.00	1,243.44
Gloucester	825.30	1,098.90	1,924.20
Haverhill	325.20	468.00	793.20
Holyoke	387.81	486.00	873.81
Hudson	471.60	634.80	1,106.40
Lawrence	372.00	402.00	774.00
Lowell	249.12	358.20	607.32
Medfield	358.12	759.84	1,117.96
New Bedford	294.39	568.00	862.39
Salem	333.60	680.40	1,014.00
Springfield	330.00	458.40	788.40
Tewksbury	828.88	816.98	1,645.86

Water and sewer charges based on an annual water consumption of 120 HCF ≈ 90 kgal

**COMPARATIVE ANNUAL RESIDENTIAL WATER & SEWER  
CHARGES FOR  
MAJOR UNITED STATES CITIES  
2013**

	Water	Sewer	Combined
Austin, TX	\$353.10	\$813.72	\$1,166.82
Boston, MA	544.52	700.32	1,244.84
Columbus, OH	455.92	489.84	945.76
Dallas, TX	300.54	493.80	794.34
Detroit, MI	314.64	570.12	884.76
Fort Worth, TX	346.32	403.20	749.52
Honolulu, HI	386.40	1,072.08	1,458.48
Houston, TX	447.18	578.70	1,025.88
Indianapolis, IN	441.84	631.07	1,072.91
Jacksonville, FL	337.93	686.54	1,024.46
Los Angeles, CA	505.92	406.98	912.90
Milwaukee, WI	268.16	365.24	633.40
MWRA Service Area	541.63	838.35	1,379.98
New Orleans, LA	433.32	492.78	926.10
New York, NY	429.60	683.06	1,112.66
Newark, NJ	297.14	392.45	689.59
Philadelphia, PA	522.72	390.60	913.32
Portland, ME	322.56	1,002.00	1,324.56
Providence, RI	398.13	594.51	992.64
Saint Louis, MO	307.76	478.20	785.96
Saint Paul, MN	300.66	423.60	724.26
San Antonio, TX	318.42	357.96	676.38
San Diego, CA	590.24	614.76	1,205.00
San Francisco, CA	714.00	1,042.56	1,756.56
San Jose, CA	574.66	405.96	980.62
Seattle, WA	731.00	1,398.00	2,129.00
Washington, DC	491.84	600.88	1,092.72
<b>AVERAGE</b>	<b>\$432.45</b>	<b>\$626.94</b>	<b>\$1,059.39</b>

Water and sewer charges based on an annual water consumption of 120 HCF ≈ 90 kgal

Note: MWRA Service Area averages exclude non-sewered communities.

## **APPENDIX B**

### **SECOND METER INFORMATION AND GLOSSARY**

## SECOND METER INFORMATION:

	Number	Percent
MWRA or partially supplied communities utilizing second meters to adjust residential water/sewer bills	YES: 37 NO: 23	YES: 61.7% NO: 38.3%

Ashland (S)	Yes	Arlington (W/S)*	No
Bedford (S/partial W)	Yes	Braintree (S)	No
Belmont (W/S)	Yes	Clinton (W/S)	No
Boston (W/S)	Yes	Everett (W/S)	No
Brookline (W/S)	Yes	Hingham (S)	No
Burlington (S)	Yes	Holbrook (S)	No
Cambridge (S/partial W)	Yes	Lynnfield (W)	No
Canton (S/partial W)	Yes	Malden (W/S)	No
Chelsea (W/S)	Yes	Newton (W/S)	No
Chicopee (W)	Yes	Northborough (partial W)	No
Dedham (S/partial W)	Yes	Randolph (S)	No
Framingham (W/S)	Yes	Reading (W/S)	No
Leominster (partial W)	Yes	Somerville (W/S)	No
Lexington (W/S)	Yes	South Hadley (W)	No
Lynn (partial W)	Yes	Southborough (W)	No
Marblehead (W)	Yes	Stoughton (S/partial W)	No
Marlborough (partial W)	Yes	Wakefield (S/partial W)	No
Medford (W/S)	Yes	Weston (W)	No
Melrose (W/S)	Yes	Weymouth (S)	No
Milton (W/S)	Yes	Wilmington (S/partial W)	No
Nahant (W)*	Yes	Winchester (S/partial W)*	No
Natick (S)	Yes	Winthrop (W/S)	No
Needham (S/partial W)	Yes	Woburn (S/partial W)	No
Norwood (W/S)	Yes		
Peabody (partial W)	Yes		
Quincy (W/S)	Yes		
Revere (W/S)	Yes		
Saugus (W)	Yes		
Stoneham (W/S)	Yes		
Swampscott (W)	Yes		
Walpole (S)	Yes		
Waltham (W/S)	Yes		
Watertown (W/S)	Yes		
Wellesley (S/partial W)	Yes		
Westwood (S/partial W)	Yes		
Wilbraham (W)	Yes		
Worcester (partial W)	Yes		

## GLOSSARY:

### ABBREVIATIONS/DESIGNATIONS

- ◆ (W/S) = MWRA Water and Sewer Community
- ◆ (W) = MWRA Water Only Community
- ◆ (S) = MWRA Sewer Only Community
- ◆ CF = Cubic Foot
- ◆ HCF = Hundred Cubic Feet
- ◆ 1 HCF = 100 Cubic Feet = 748 Gallons
- ◆ kgal = 1,000 gallons
- ◆ n/a = No answer

All of the information cited below is taken directly from *Massachusetts Water Resources Authority Technical Assistance Program: Municipal Water and Sewer Rate Making, A Guide for Local Officials*. May, 1989.

### **DEBT EXCLUSION**

A referendum to increase the levy limit by the amount of principal and interest payable each year on specific long-term bonds issued by a community; this exclusion remains in effect for the life of the debt only.

### **WATER AND SEWER WHOLESALE CHARGES**

Within the MWRA service area, these are the charges that are made by the MWRA to each community for the total amount of water and/or sewer treatment service, which is provided to that community for a fiscal year; MWRA wholesale charges constitute one component of each community's total water and sewer service costs.

### **WATER AND SEWER RETAIL CHARGES**

User charges which are billed to specific properties by a municipality or public utility for the provision of water and sewer service; these charges are generally billed periodically during the year and are generally based on the metered flow of water into each property; also known as "retail rates."

### **GENERAL FUND - 6 water, 5 sewer (full and partial MWRA communities)**

General fund accounting for water and sewer operations is typically the most understood accounting support alternative. This option does not require adoption of any legislation. Essentially, water and sewer expenditure and revenue accounts exist with the general fund along with other community financial activity. No segregation of utility costs and revenues is provided for. General fund accounting is on the budgetary (cash) basis and period-end or year-end reporting is on the modified accrual basis.

### **SPECIAL REVENUE FUND - 4 water, 3 sewer (full and partial MWRA communities)**

A special revenue fund is defined as "a fund used to account for the proceeds of specific revenue sources (other than expendable trusts or major capital projects) that are legally restricted to expenditure for specified purposes".

Special revenue fund accounting provides for segregation of water/sewer costs and revenues from other municipal financial activity.

Like the general fund, special revenue fund accounting is on the budgetary (cash) basis and financial reporting is on the modified accrual basis.

**ENTERPRISE FUND** - 49 water, 48 sewer (*full and partial MWRA Communities*)

A fund established to account for operations financed and operated in a manner similar to private business enterprises. In this instance the governing body intends that costs (expenses, including depreciation) of providing goods or services to the general public on a continuing basis be recovered primarily through user charges.

A fund established because the governing body has decided that periodic determination of revenues earned, expenses incurred and/or net income is appropriate for capital maintenance, public policy management control, accountability or other purposes.

Like special revenue funds, enterprise funds allow communities to separately account for the expenditures and revenues of their water/sewer operations. Similarly, this segregated accounting provides enhanced information regarding the results of operations and facilitates rate setting and rate analyses. A community may elect to adopt enterprise fund(s) through city council or town meeting vote. Each enterprise fund must be adopted individually.

Enterprise fund accounting is generally the most complex of the accounting alternatives. Its accounting may be on the accrual basis or budgetary (cash) basis. Reporting, however, should be on the accrual basis. Accordingly, if accounting is on the budgetary basis, year-end accrual adjustments will be required to attain accrual basis reporting. These year-end accrual adjustments will generally include:

- Fixed asset capitalization and related depreciation
- Pension liabilities
- Sick, vacation and other compensated absences
- Revenue
- Contributed capital
- Other year-end accruals

## **APPENDIX C**

**2014 Residential Cost Based  
on Community Water Use Data**

Community	A	B	C	D	E	F
	Annual Residential Water Use (million gallons)	Population	Annual Per Capita Water Use (gallons)	Average Household Size	Annual Household Water Use (gallons)	Annual Household Water Use (hcf)
Data Source / Calculation	Public Water Supply Annual Statistical Report*		Calculation C = A/B	2010 US Census	Calculation E = C x D	Conversion F = E / 748
Arlington	857.3	42,844	20,010	2.24	44,822	59.9
Ashland	342.9	16,593	20,667	2.59	53,527	71.6
Bedford	299.2	13,320	22,462	2.50	56,154	75.1
Belmont	645.2	25,879	24,931	2.54	63,325	84.7
Boston	9,143.0	617,594	14,804	2.26	33,458	44.7
Braintree	656.8	33,600	19,549	2.56	50,045	66.9
Brookline	1,241.6	58,732	21,140	2.27	47,988	64.2
Burlington	480.4	25,206	19,061	2.64	50,320	67.3
Cambridge	1,991.6	105,162	18,939	2.00	37,877	50.6
Canton	412.8	21,561	19,147	2.54	48,634	65.0
Chelsea	673.5	35,177	19,146	2.92	55,906	74.7
Chicopee	1,188.2	55,298	21,488	2.28	48,992	65.5
Clinton	296.7	13,606	21,808	2.32	50,595	67.6
Dedham/Westwood	828.1	39,347	21,046	2.57	54,089	72.3
Everett	815.5	41,667	19,572	2.67	52,257	69.9
Framingham	1,374.2	68,318	20,115	2.47	49,683	66.4
Hingham	787.5	33,061	23,820	2.46	58,596	78.3
Holbrook	182.6	10,791	16,924	2.62	44,340	59.3
Leominster	799.8	40,759	19,623	2.41	47,291	63.2
Lexington	810.5	31,394	25,817	2.68	69,191	92.5
Lynn	1,756.9	90,329	19,450	2.69	52,321	69.9
Lynnfield Water District	113.0	3,350	33,731	2.77	93,436	124.9
Malden	1,154.0	59,450	19,411	2.50	48,528	64.9
Marblehead	524.0	19,808	26,454	2.42	64,019	85.6
Marlborough	646.0	38,499	16,779	2.46	41,277	55.2
Medford	1,118.4	56,173	19,909	2.38	47,384	63.3
Melrose	449.5	26,983	16,659	2.38	39,648	53.0
Milton	531.6	27,003	19,687	2.75	54,138	72.4
Nahant	115.1	3,410	33,757	2.18	73,591	98.4
Natick	736.2	33,006	22,306	2.44	54,426	72.8
Needham	748.7	28,886	25,920	2.72	70,503	94.3
Newton	1,632.0	85,146	19,167	2.50	47,918	64.1
Northborough	244.1	14,155	17,243	2.73	47,074	62.9
Norwood	576.2	28,602	20,145	2.37	47,745	63.8
Peabody	1,081.0	51,251	21,092	2.38	50,200	67.1
Quincy	1,399.3	92,271	15,165	2.24	33,969	45.4
Randolph	558.7	32,112	17,399	2.75	47,847	64.0
Reading	427.9	24,747	17,291	2.64	45,647	61.0
Revere	747.8	51,755	14,449	2.52	36,411	48.7
Saugus	600.0	26,628	22,533	2.55	57,460	76.8
Somerville	1,356.6	75,754	17,908	2.29	41,009	54.8
South Hadley FD #1	296.1	14,639	20,224	2.25	45,505	60.8
Southborough	250.1	9,358	26,729	2.89	77,246	103.3
Stoneham	516.8	21,437	24,108	2.36	56,895	76.1
Stoughton	465.6	21,678	21,477	2.59	55,625	74.4
Swampscott	384.0	13,787	27,851	2.46	68,513	91.6
Wakefield	508.4	24,932	20,389	2.47	50,362	67.3
Walpole	579.4	22,817	25,395	2.69	68,312	91.3
Waltham	1,301.8	60,632	21,471	2.28	48,953	65.4
Watertown	698.0	31,915	21,872	2.15	47,025	62.9
Wellesley	678.5	27,982	24,247	2.78	67,406	90.1
Weston	477.0	11,580	41,195	2.82	116,169	155.3
Weymouth	985.2	53,743	18,332	2.37	43,447	58.1
Wilbraham	279.0	14,219	19,622	2.63	51,605	69.0
Wilmington	436.2	22,325	19,539	2.93	57,250	76.5
Winchester	562.0	21,374	26,294	2.75	72,307	96.7
Winthrop	356.0	17,497	20,346	2.24	45,576	60.9
Woburn	1,297.0	38,120	34,023	2.43	82,675	110.5
Worcester	3,498.9	182,669	19,155	2.46	47,120	63.0

\* Communities annually report usage and population to MassDEP for the Public Water Supply Annual Statistical Report.

**Combined Annual Water and Sewer Charges for  
Communities Receiving Services from the MWRA  
Household Usage Based on Local, State & Federal Data  
2014**

Charges include MWRA, community, and alternatively supplied services.

Rates based on consumption provided to DEP by the communities and calculated by MWRA staff.

<b>Household Usage (HCF)</b>	<b>Household Usage (kgal)</b>	<b>Water</b>	<b>Sewer</b>	<b>Combined</b>
Belmont	84.7	63.4	\$574.41	\$1,066.22
Nahant	98.4	73.6	\$661.25	\$874.78
Hingham	78.3	58.6	\$703.62	\$724.28
Marblehead	85.6	64.0	\$439.92	\$812.12
Needham	94.3	70.5	\$395.63	\$828.12
Reading	61.0	45.6	\$559.37	\$633.18
Ashland	71.6	53.6	\$261.85	\$886.32
Swampscott	91.6	68.5	\$611.92	\$534.22
Milton	72.4	54.2	\$428.76	\$698.69
Stoneham	76.1	56.9	\$380.50	\$745.78
Wellesley	90.1	67.4	\$340.73	\$764.02
Lexington	92.5	69.2	\$340.75	\$708.00
Walpole	91.3	68.3	\$454.22	\$585.86
Stoughton	74.4	55.7	\$312.64	\$706.80
Dedham	72.3	54.1	\$401.24	\$616.50
Wakefield	67.3	50.3	\$342.22	\$632.96
Winthrop	60.9	45.6	\$368.45	\$602.91
Newton	64.1	47.9	\$389.09	\$573.05
Brookline	64.2	48.0	\$378.84	\$545.34
Chelsea	74.7	55.9	\$306.27	\$599.84
Melrose	53.0	39.6	\$359.45	\$535.16
Westwood	72.3	54.1	\$401.24	\$492.88
Bedford	75.1	56.2	\$308.62	\$528.00
Medford	63.3	47.3	\$369.46	\$461.51
Framingham	66.4	49.7	\$376.42	\$438.12
Canton	65.0	48.6	\$274.50	\$530.15
Watertown	62.9	47.0	\$285.60	\$500.06
Randolph	64.0	47.9	\$324.08	\$458.32
Revere	48.7	36.4	\$190.42	\$570.28
Weymouth	58.1	43.5	\$293.64	\$454.66
Braintree	66.9	50.0	\$290.20	\$429.01
Northborough	62.9	47.0	\$308.96	\$393.13
Lynn	69.9	52.3	\$239.76	\$441.07
Arlington	59.9	44.8	\$305.93	\$363.47
Holbrook	59.3	44.4	\$306.58	\$358.17
Quincy	45.4	34.0	\$248.32	\$398.80
Wilmington	76.5	57.2	\$262.93	\$381.74
Marlborough	55.2	41.3	\$309.12	\$319.06
Natick	72.8	54.5	\$168.66	\$457.05
Somerville	54.8	41.0	\$230.48	\$377.44
Cambridge	50.6	37.8	\$155.14	\$441.47
Malden	64.9	48.5	\$262.50	\$324.94
Waltham	65.4	48.9	\$211.24	\$376.05
Leominster	63.2	47.3	\$277.94	\$305.81
Chicopee	65.5	49.0	\$235.80	\$341.68
Wilbraham	69.0	51.6	\$265.65	\$282.90
Everett	69.9	52.3	\$145.39	\$397.03
Saugus	76.8	57.4	\$326.79	\$214.40
Worcester	63.0	47.1	\$223.02	\$317.02
Norwood	63.8	47.7	\$258.42	\$277.93
Woburn	110.5	82.7	\$205.00	\$328.00
Boston	44.7	33.4	\$208.54	\$269.97
Weston	155.3	116.2	\$459.03	\$0.00
Clinton	67.6	50.6	\$259.55	\$194.66
Winchester	96.7	72.3	\$204.77	\$220.70
Peabody	67.1	50.2	\$165.29	\$220.42
Lynnfield	124.9	93.4	\$374.81	\$0.00
Southborough	103.3	77.3	\$343.52	\$0.00
Burlington	67.3	50.3	\$94.60	\$145.80
South Hadley	60.8	45.5	\$238.27	\$0.00
<b>Average (minus non-sewered communities)</b>		<b>\$328.36</b>	<b>\$492.62</b>	<b>\$820.98</b>

## **APPENDIX D**

**FINAL MWRA  
FISCAL YEAR 2015 BILLABLE  
WATER AND SEWER CHARGES**

**MASSACHUSETTS WATER RESOURCES AUTHORITY**  
**FINAL FY15 BILLABLE WATER AND SEWER CHARGES**

MWRA Customer	Final FY14 Water Assessment	Final FY15 Water Assessment	Percent Change from FY14	Final FY14 Sewer Assessment	Final FY15 Sewer Assessment	Percent Change from FY14	Final FY14 Combined Assessment	Final FY15 Combined Assessment	Dollar Change from FY14	Percent Change from FY14
ARLINGTON	4,553,819	4,555,760	0.0%	7,661,286	7,726,704	0.9%	12,215,105	12,282,464	67,359	0.6%
ASHLAND	-	-	0.0%	2,175,735	2,310,206	6.2%	2,175,735	2,310,206	134,471	6.2%
BEDFORD	-	-	0.0%	2,968,529	3,085,246	3.9%	2,968,529	3,085,246	116,717	3.9%
BELMONT	2,516,559	2,582,348	2.6%	4,652,803	4,664,723	0.3%	7,169,362	7,247,071	77,709	1.1%
BOSTON (BWSC)	73,408,095	75,628,730	3.0%	122,165,554	128,143,674	4.9%	195,573,649	203,772,404	8,198,755	4.2%
BRAINTREE	-	-	0.0%	7,759,278	8,363,839	7.8%	7,759,278	8,363,839	604,561	7.8%
BROOKLINE	5,906,771	6,529,438	10.5%	12,675,295	12,542,458	-1.0%	18,582,066	19,071,896	489,830	2.6%
BURLINGTON	-	-	0.0%	4,846,498	4,943,181	2.0%	4,846,498	4,943,181	96,683	2.0%
CAMBRIDGE	-	-	0.0%	21,224,419	22,157,757	4.4%	21,224,419	22,157,757	933,338	4.4%
CANTON	1,414,000	991,292	-29.9%	3,460,713	3,547,316	2.5%	4,874,713	4,538,608	-336,105	-6.9%
CHELSEA	3,524,702	3,782,023	7.3%	6,833,214	7,256,657	6.2%	10,357,916	11,038,680	680,764	6.6%
DEDHAM	-	-	0.0%	4,924,268	5,024,472	2.0%	4,924,268	5,024,472	100,204	2.0%
DEDHAM-WESTWOOD WATER DISTRICT	124,703	49,042	-60.7%	-	-	0.0%	124,703	49,042	-75,661	-60.7%
EVERETT	4,486,488	4,611,174	2.8%	7,612,435	7,816,187	2.7%	12,098,923	12,427,361	328,438	2.7%
FRAMINGHAM	7,645,878	7,583,720	-0.8%	10,691,353	11,278,349	5.5%	18,337,231	18,862,069	524,838	2.9%
HINCHAM SEWER DISTRICT	-	-	0.0%	1,562,020	1,651,545	5.7%	1,562,020	1,651,545	89,525	5.7%
HOLBROOK	-	-	0.0%	1,495,280	1,594,287	6.6%	1,495,280	1,594,287	99,007	6.6%
LEXINGTON	5,555,065	6,035,866	8.7%	7,014,300	7,177,414	2.3%	12,569,365	13,213,280	643,915	5.1%
LYNN (LWSC)	242,626	209,723	-13.6%	-	-	0.0%	242,626	209,723	-32,903	-13.6%
LYNNFIELD WATER DISTRICT	467,594	490,333	4.9%	-	-	0.0%	467,594	490,333	22,739	4.9%
MALDEN	6,264,071	6,273,748	0.2%	11,761,795	12,260,112	4.2%	18,025,866	18,533,860	507,994	2.8%
MARBLEHEAD	1,990,555	2,101,639	5.6%	-	-	0.0%	1,990,555	2,101,639	111,084	5.6%
MARLBOROUGH	3,184,761	3,433,407	7.8%	-	-	0.0%	3,184,761	3,433,407	248,646	7.8%
MEDFORD	5,520,265	5,979,858	8.3%	10,943,641	11,075,116	1.2%	16,463,906	17,054,974	591,068	3.6%
MELROSE	2,519,249	2,650,477	5.2%	5,648,906	5,945,198	5.2%	8,168,155	8,595,675	427,520	5.2%
MILTON	2,834,490	2,854,051	0.7%	4,999,997	5,025,212	0.5%	7,834,487	7,879,263	44,776	0.6%
NAHANT	349,194	382,274	9.5%	-	-	0.0%	349,194	382,274	33,080	9.5%
NATICK	-	-	0.0%	4,903,457	5,330,710	8.7%	4,903,457	5,330,710	427,253	8.7%
NEEDHAM	1,271,018	1,193,697	-6.1%	5,423,810	5,466,144	0.8%	6,694,828	6,659,841	-34,987	-0.5%
NEWTON	10,333,024	10,437,524	1.0%	20,152,363	20,176,404	0.1%	30,485,387	30,613,928	128,541	0.4%
NORTHBOROUGH	1,022,003	1,044,206	2.2%	-	-	0.0%	1,022,003	1,044,206	22,203	2.2%
NORWOOD	3,133,277	3,277,568	4.6%	6,147,982	6,492,751	5.6%	9,281,259	9,770,319	489,060	5.3%
PEABODY	779,127	1,219,096	56.5%	-	-	0.0%	779,127	1,219,096	439,969	56.5%
QUINCY	10,147,276	10,605,214	4.5%	18,635,986	19,001,720	2.0%	28,783,262	29,606,934	823,672	2.9%
RANDOLPH	-	-	0.0%	5,561,761	5,931,064	6.6%	5,561,761	5,931,064	369,303	6.6%
READING	1,854,203	1,931,410	4.2%	4,499,328	4,642,124	3.2%	6,353,531	6,573,534	220,003	3.5%
REVERE	4,353,201	4,484,031	3.0%	9,920,985	10,193,891	2.8%	14,274,186	14,677,922	403,736	2.8%
SAUGUS	2,963,455	3,202,440	8.1%	-	-	0.0%	2,963,455	3,202,440	238,985	8.1%
SOMERVILLE	6,440,071	6,896,106	7.1%	14,595,600	14,845,808	1.7%	21,035,671	21,741,914	706,243	3.4%
SOUTHBOROUGH	695,113	765,656	10.1%	-	-	0.0%	695,113	765,656	70,543	10.1%
STONEHAM	3,262,031	3,490,972	7.0%	4,452,189	4,477,065	0.6%	7,714,220	7,968,037	253,817	3.3%
STOUGHTON	758,402	931,975	22.9%	4,364,713	4,391,426	0.6%	5,123,115	5,323,401	200,286	3.9%
SWAMPSCOTT	1,781,628	1,782,932	0.1%	-	-	0.0%	1,781,628	1,782,932	1,304	0.1%
WAKEFIELD	1,604,779	1,611,741	0.4%	5,549,601	5,594,367	0.8%	7,154,380	7,206,108	51,728	0.7%
WALPOLE	-	-	0.0%	3,373,364	3,509,806	4.0%	3,373,364	3,509,806	136,442	4.0%
WALTHAM	7,809,194	8,061,502	3.2%	12,759,248	12,953,820	1.5%	20,568,442	21,015,322	446,880	2.2%
WATERTOWN	2,945,405	3,096,347	5.1%	5,654,172	5,774,673	2.1%	8,599,577	8,871,020	271,443	3.2%
WELLESLEY	1,423,735	1,379,407	-3.1%	5,246,821	5,333,992	1.7%	6,670,556	6,713,399	42,843	0.6%
WESTON	1,898,881	1,993,015	5.0%	-	-	0.0%	1,898,881	1,993,015	94,134	5.0%
WESTWOOD	-	-	0.0%	2,362,136	2,426,073	2.7%	2,362,136	2,426,073	63,937	2.7%
WEYMOUTH	-	-	0.0%	10,400,989	10,972,561	5.5%	10,400,989	10,972,561	571,572	5.5%
WILMINGTON	125,176	363,646	190.5%	2,408,266	2,353,306	-2.3%	2,533,442	2,716,952	183,510	7.2%
WINCHESTER	1,127,860	1,253,400	11.1%	3,718,082	3,867,732	4.0%	4,845,942	5,121,132	275,190	5.7%
WINTHROP	1,429,691	1,454,285	1.7%	3,161,934	3,221,355	1.9%	4,591,625	4,675,640	84,015	1.8%
WOBBURN	3,549,339	3,032,534	-14.6%	9,134,120	9,535,730	4.4%	12,683,459	12,568,264	-115,195	-0.9%
<b>TOTAL</b>	<b>\$203,216,774</b>	<b>\$210,233,607</b>	<b>3.5%</b>	<b>\$425,504,226</b>	<b>\$440,082,175</b>	<b>3.4%</b>	<b>\$628,721,000</b>	<b>\$650,315,782</b>	<b>\$21,594,782</b>	<b>3.4%</b>

(1) Some communities receive partial water or sewer services from MWRA.

## **APPENDIX E**

**ADDITIONAL 2014 DATA FOR  
MWRA COMMUNITIES**

**PERCENTAGE OF WATER UNACCOUNTED FOR**

No answer	1
0 – 5%	9
5 – 10%	17
10 – 15%	14
15+%	19
Invalid Data	0
Not applicable	0

**PERCENTAGE OF WATER SERVICE BILLS LIENED**

No answer	3
0 – 5%	39
5 – 10%	11
10 – 15%	4
15+%	3
Invalid Data	0
Not applicable	0

**PERCENTAGE OF SEWER SERVICE BILLS LIENED**

No answer	4
0 – 5%	32
5 – 10%	14
10 – 15%	4
15+%	2
Invalid Data	0
Not applicable	4

**COMMUNITIES WITH SHORTFALLS DUE TO LOWER THAN PROJECTED WATER USE (WATER FUNDS)**

No answer	3
Yes	23
No	34
Invalid Data	0
Not applicable	0

**COMMUNITIES WITH SHORTFALLS DUE TO LOWER THAN PROJECTED WATER USE (SEWER FUNDS)**

No answer	4
Yes	22
No	30
Invalid Data	0
Not applicable	4

**MWRA CHARGES AS A PERCENTAGE OF TOTAL EXPENSES (WATER FUNDS)**

No answer	7
0 – 25%	15
25 – 50%	15
50 – 75%	21
75+%	2
Not applicable	0

**MWRA CHARGES AS A PERCENTAGE OF TOTAL EXPENSES (SEWER FUNDS)**

No answer	8
0 – 25%	10
25 – 50%	7
50 – 75%	19
75+%	12
Not applicable	4

**NUMBER OF MILES OF WATER PIPELINE REHABILITATED OR REPLACED IN FY14**

No answer	1
Less than 1	27
1 – 3 miles	27
3 – 6 miles	3
6+ miles	2
Invalid Data	0
Not applicable	0

**NUMBER OF MILES OF SEWER PIPELINE REHABILITATED OR REPLACED IN FY14**

No answer	2
Less than 1	29
1 – 3 miles	17
3 – 6 miles	6
6+ miles	2
Invalid Data	0
Not applicable	4

**ACTUAL WATER CAPITAL NEEDS OVER NEXT FIVE YEARS**

No answer	3
\$0 – \$10 million	38
\$10 – \$20 million	11
\$20 – \$50 million	3
\$50+ million	5
Invalid Data	0
Not applicable	0

**ANTICIPATED WATER CAPITAL SPENDING OVER NEXT FIVE YEARS**

No answer	2
\$100 thousand – \$1 million	8
\$1 – \$5 million	25
\$5 – \$10 million	14
\$10+ million	11
Invalid Data	0
Not applicable	0

**ACTUAL SEWER CAPITAL NEEDS OVER NEXT FIVE YEARS**

No answer	2
\$0 – \$10 million	34
\$10 – \$20 million	10
\$20 – \$50 million	5
\$50+ million	5
Invalid Data	0
Not applicable	4

**ANTICIPATED SEWER CAPITAL SPENDING OVER NEXT FIVE YEARS**

No answer	1
\$100 thousand – \$1 million	9
\$1 – \$5 million	22
\$5 – \$10 million	14
\$10+ million	10
Invalid Data	0
Not applicable	4

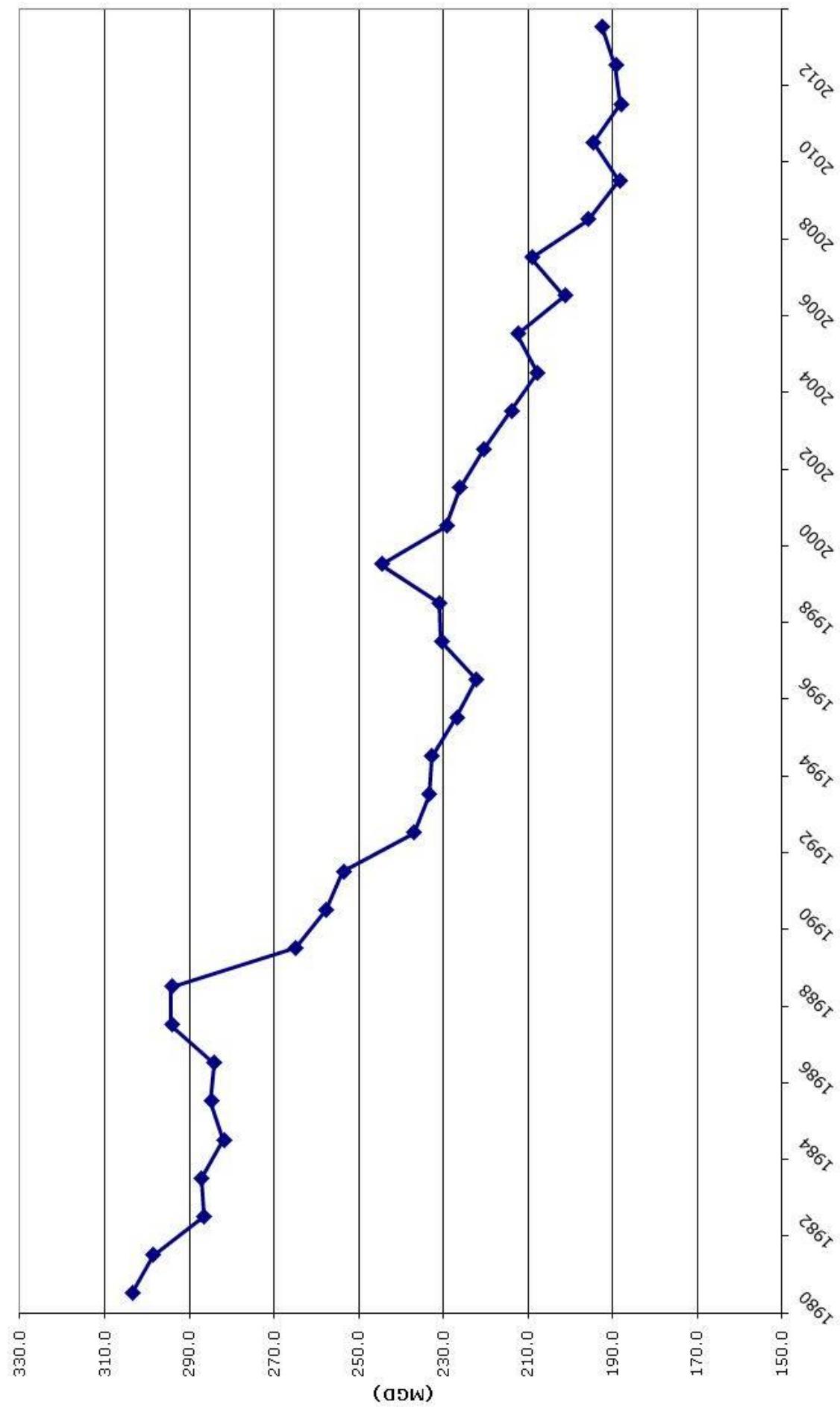
**HOW COMMUNITIES RECOVER STORMWATER COSTS (SEE APPENDIX G)**

No answer	1
Water/Sewer Rates	14
Special Assessment	3
DPW Budget	40
Invalid Data	0
Not applicable	2

## **APPENDIX F**

**MWRA Water System Sales  
1980 - 2013**

## MWRA System Sales



## **APPENDIX G**

**2014 STORMWATER FEES**

## STORMWATER: The New Challenge for Municipalities

### BACKGROUND – WHAT IS STORMWATER?

"Stormwater" is a term used to describe the result of rain storms, snow storms, and other wet weather events. Though stormwater can be taken care of naturally by the ground and surface waters – i.e. streams, tributaries, rivers, etc. – this natural process is disrupted by **impervious area (IA)**, such as concrete roadways, driveways or parking lots, and the roofs of buildings, all of which divert water.

To combat this disruption, communities must direct stormwater to natural or man-made outlets which can treat the water to ensure that water quality is not negatively impacted by chemical and biological materials that can be carried by the flow of stormwater into nearby bodies of water.

### NEW CHALLENGES – STRINGENT FEDERAL REGULATIONS

To protect the many bodies of water that can be easily impacted by stormwater, the Environmental Protection Agency (EPA) has advanced the Stormwater Permitting Program through its **National Pollutant Discharge Elimination System (NPDES)** to mitigate these impacts. The regulatory requirements for stormwater were rolled out in the form of the **Municipal Separate Storm Sewer Systems (MS4)** general permit. The comment period for revisions to the MS4 permit went through December 2014 and the permit is expected to be finalized in 2015.

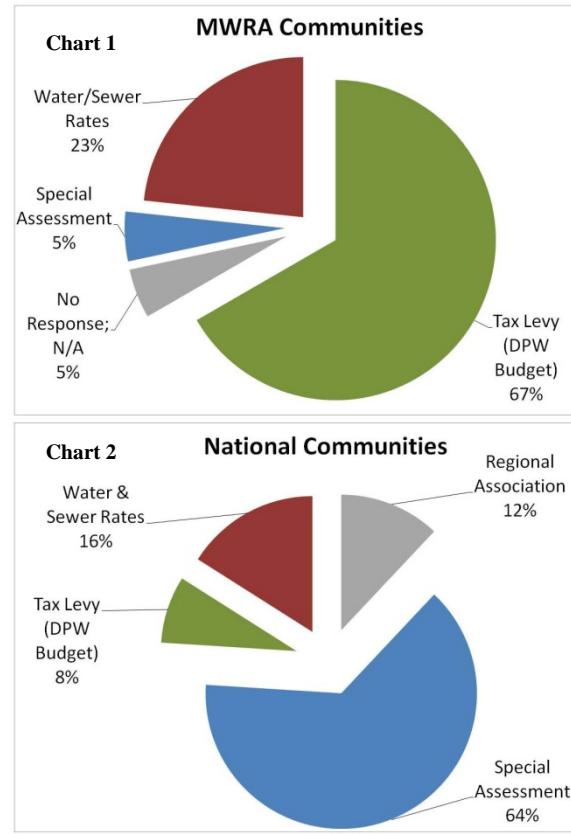
Due to these most recent MS4 permit revisions and new NPDES permits being issued, municipalities across the United States are facing increased needs for funding of new stormwater infrastructure and ongoing infrastructure maintenance and rehabilitation. New challenges in stormwater management include meeting **Phosphorous Total Maximum Daily Load (TMDL) Waste Load Allocations (WLA)** and creating public outreach programs to educate residents on stormwater challenges, solutions and costs.

### FUNDING STORMWATER INFRASTRUCTURE

Because of increasing local taxes and water/sewer rates over the past two decades, communities are looking at other mechanisms to fund their growing stormwater costs. Nationally, special assessments known as **Stormwater Fees, Drainage Fees or Impervious Area Charges** have become commonplace for municipalities in need of a designated funding source, but they have also been met by some public backlash, sometimes being referred to by opponents as a "Rain Tax."

Of the MWRA's 60 communities (Chart 1), only 3 have implemented a stormwater fee to recover stormwater-related costs. The majority of MWRA communities pay for stormwater projects through their DPW budgets, supported by the tax levy, or through increases to their water and sewer rates.

Of the 25 national communities (Chart 2) surveyed, 16 have implemented a stormwater fee to fund stormwater-related costs. Additionally, 3 national communities surveyed have their stormwater-related costs and revenue generated by a regional agency, such as a county system.



### **TYPES OF STORMWATER FEES**

For the purpose of equitably distributing the rising cost of stormwater management across communities, municipalities generally have two different structures for stormwater fees: **residential** and **commercial**. For municipalities with a significant industrial base, a third structure can exist. Because commercial and industrial properties generally have more impervious area, these rate structures tend to be variable.

Calculating the impervious area of all residential parcels can be costly, so residential units are often charged at a flat rate that is based on the impervious area of an average residential unit in the community – this is generally referred to as an **Equivalent Residential Unit (ERU)**. The table below is a breakout of the structure used by each of the surveyed communities that have implemented some form of a stormwater fee at the time this document was created, and the **annual cost to a residential unit with 2,000 square feet of impervious area**.

Community	Basis	Residential Rate Structure (IA = 2,000 Sq Ft)	Annual Cost Residential (2,000 Sq Ft)
<b>NATIONAL COMMUNITIES</b>			
Austin, TX	IA (Acre)	Online Calculator - AustinTexas.Gov	
Columbus, OH	Tier (ERU)	\$3.13/mth	\$ 38
Dallas, TX	Flat	\$3.65/mth	\$ 44
Detroit, MI	Flat	\$18.11/mth	\$ 217
Fort Worth, TX	Tier (ERU)	\$5.40/mth	\$ 65
Houston, TX	IA (Sq Ft)	\$0.032 per sq ft	\$ 64
Jacksonville, FL	Flat	\$5.00/mth	\$ 60
Milwaukee, WI	Flat	\$16.13/qtr	\$ 65
Philadelphia, PA	Flat	\$14.15/mth	\$ 170
Portland, ME	Tier (ERU)	\$12.00/mth	\$ 144
Saint Paul, MN	Flat	\$82.47/year	\$ 82
San Antonio, TX	Tier (Sq Ft)	\$3.22/mth	\$ 39
San Diego, CA	Flat	\$0.95/mth	\$ 11
San Jose, CA	Flat	\$7.87/mth	\$ 94
Seattle, WA	Flat	\$180.96/year	\$ 181
Washington, DC *	Tier (ERU)	\$16.75 + \$2.67/mth	\$ 233
<b>MWRA COMMUNITIES</b>			
Chicopee, MA	Flat	\$25.00/qtr	\$ 100
Reading, MA	Flat	\$10.00/qtr	\$ 40
Newton, MA	Flat	\$6.25/qtr	\$ 25
<b>MA. COMMUNITIES (NON-MWRA)</b>			
Fall River, MA	Flat	\$140/year	\$ 140
Northampton, MA	Tier (Sq Ft)	\$63.94/year	\$ 64
Westfield, MA	Flat	\$20/year	\$ 20

\* Washington, D.C. has an Impervious Area Charge (IAC) and a D.C. Stormwater Fee. See community page.

### **LOOKING AHEAD**

The stormwater appendix was added to the Retail Rate Survey this year to address a growing need for information on the costs of stormwater management under current and future federal regulations. With the finalization of the MS4 permit in 2015 it is expected that greater information will become available as to the cost of these new federal regulations for municipalities, improving the data that can be included in this document. Please contact us with any thoughts or suggestions on ways to improve this section in the future.

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\*\* Chairman of the Executive Committee

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*Edward G. Bates*

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