

MWRA ADVISORY BOARD

ANNUAL RATE SURVEY
1992



THE COMMUNITY ADVISORY BOARD TO THE
MASSACHUSETTS WATER RESOURCES AUTHORITY

The Massachusetts Water Resources Authority Advisory Board.....

was established by the Legislature to represent the 60 communities in the MWRA service area. By annually making comments and recommendations on the Authority's budget and rates, the Board provides a ratepayer's perspective on the MWRA's policies and plans to improve the region's water and sewer system.

For more information call (617) 742-7561, or write:

The MWRA Advisory Board
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INTRODUCTION

The Annual Rate Survey was designed to provide concise yet comprehensive water and sewer profiles for every participating communities. Each page has the same format, and is arranged alphabetically by community name. This information pertains to the most recent recording period. Depending on the community, this can be either fiscal year 1993 or calendar year 1992.

The survey was compiled primarily via a questionnaire sent to participating communities. Once initial responses were received and compiled, feedback and signature forms were sent requesting confirmation and corrections and/or additions. We are grateful to both the local water and sewer managers and local representatives who chose to participate in the survey.

We welcome your feedback concerning this survey.

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**ANNUAL WATER AND SEWER COSTS
IN COMMUNITIES RECEIVING THOSE SERVICES FROM THE MWRA
1992**

COMMUNITY	WATER	SEWER
ARLINGTON	\$256.80	\$421.20
ASHLAND	-	367.00
BEDFORD	-	396.00
BELMONT	198.00	442.80
BOSTON	230.45	355.56
BRAINTREE	-	330.00
BROOKLINE	252.00	300.00
BURLINGTON	-	261.20
CAMBRIDGE	-	337.20
CANTON	150.00	279.60
CHELSEA	214.80	475.20
CHICOPEE	152.40	-
CLINTON	87.60	65.70
DEDHAM	-	356.26
EVERETT	144.00	300.00
FRAMINGHAM	136.20	317.40
HINGHAM	-	408.00
HOLBROOK	-	364.00
LEOMINSTER	138.00	-
LEXINGTON	162.40	281.60
LYNN	217.20	-
LYNNFIELD	-	196.80
MALDEN	126.40	400.10
MARBLEHEAD	180.00	-
MARLBOROUGH	189.60	-
MEDFORD	172.80	314.23
MELROSE	282.00	380.16
MILTON	187.20	451.20
NAHANT	252.00	-
NATICK	-	352.80
NEEDHAM	94.80	409.20
NEWTON	159.20	300.00
NORTHBOROUGH	193.00	-
NORWOOD	142.20	274.32
PEABODY	138.00	-
QUINCY	152.40	376.32
RANDOLPH	-	324.00
READING	-	519.60
REVERE	192.00	403.20
SAUGUS	141.00	-
SOMERVILLE	193.20	290.40
SOUTH HADLEY	126.00	-
SOUTHBOROUGH	261.60	-
STONEHAM	182.40	408.00
STOUGHTON	-	555.60
SWAMPSCOTT	186.00	-
WAKEFIELD	187.00	349.00
WALPOLE	-	420.66
WALTHAM	196.00	355.00
WATERTOWN	157.30	297.84
WELLESLEY	156.00	384.00
WESTON	108.00	-
WESTWOOD	-	588.40
WEYMOUTH	-	514.80
WILBRAHAM	120.00	247.80
WILMINGTON	-	512.40
WINCHESTER	279.60	412.80
WINTHROP	252.00	463.20
WOBURN	116.00	198.00
WORCESTER	171.60	-
AVERAGE	\$177.56	\$364.32
Average cost increase*	6.69%	28.30%

Water and sewer costs are based on an annual water consumption of 90,000 gallons (or 12,000 cubic feet).

KEY: - = does not receive MWRA water/sewer service
* = average cost increase 1991-92

**COMBINED ANNUAL WATER
AND SEWER COSTS
1992**

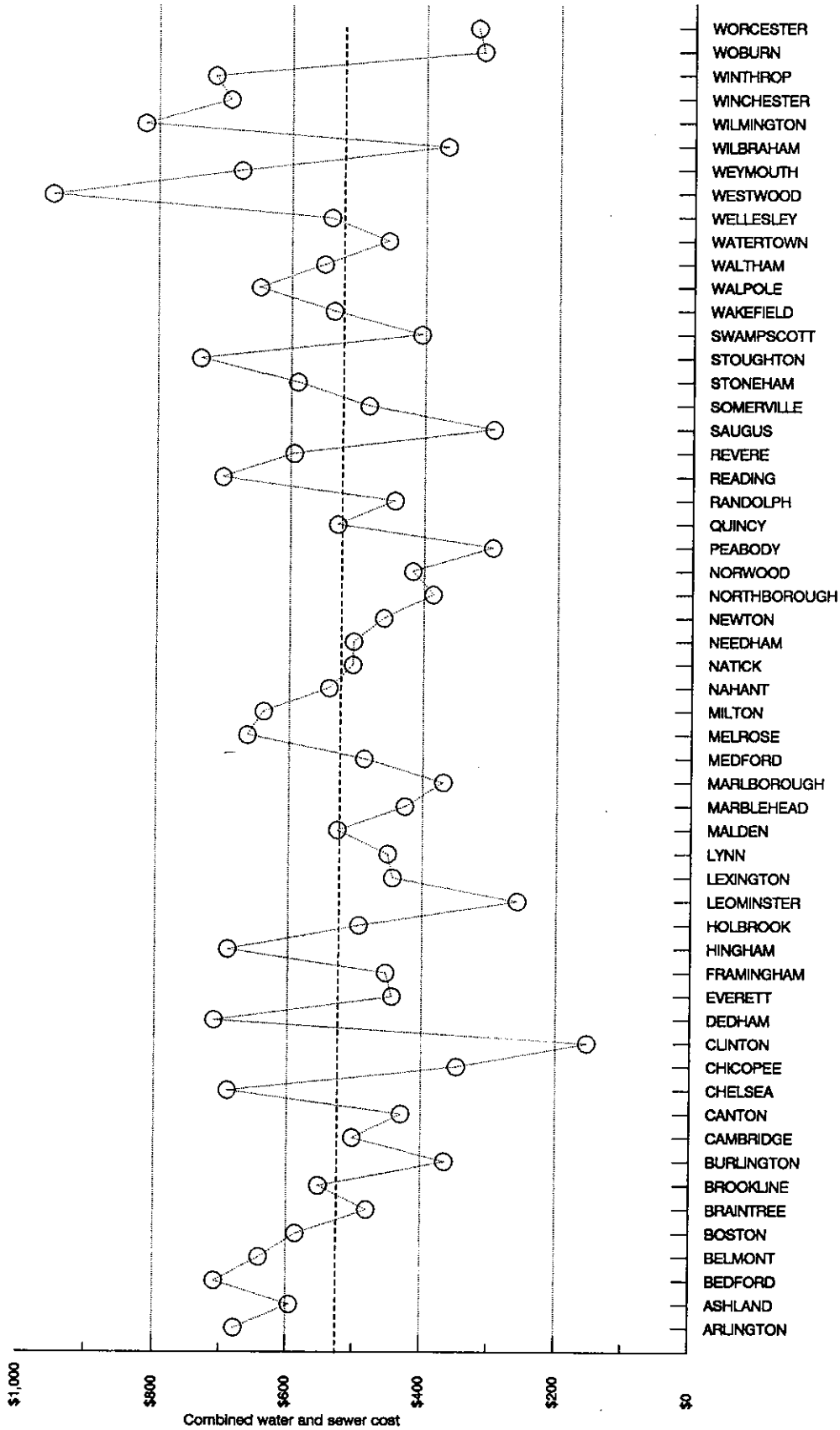
COMMUNITY		WATER	SEWER	COMBINED
ARLINGTON		\$256.80	\$421.20	\$678.00
ASHLAND	S	227.80	367.00	594.80
BEDFORD	S	312.00	396.00	708.00
BELMONT		198.00	442.80	640.80
BOSTON		235.56	363.61	599.17
BRAINTREE	S	150.00	330.00	480.00
BROOKLINE		252.00	300.00	552.00
BURLINGTON	S	102.90	261.20	364.10
CAMBRIDGE	P	164.40	337.20	501.60
CANTON		150.00	279.60	429.60
CHELSEA		214.80	475.20	690.00
CHICOPEE	W	152.40	194.77	347.17
CLINTON		87.60	65.70	153.30
DEDHAM	S	354.00	356.26	710.26
EVERETT		144.00	300.00	444.00
FRAMINGHAM	P	136.20	317.40	453.60
HINGHAM	S	282.36	408.00	690.36
HOLBROOK	S	130.00	364.00	494.00
LEOMINSTER	P	138.00	120.00	258.00
LEXINGTON		162.40	281.60	444.00
LYNN	P	217.20	234.00	451.20
MALDEN		126.40	400.10	526.50
MARBLEHEAD	W	180.00	246.00	426.00
MARLBOROUGH	P	189.60	180.00	369.60
MEDFORD		172.80	314.23	487.03
MELROSE		282.00	380.16	662.16
MILTON		187.20	451.20	638.40
NAHANT	W	252.00	288.00	540.00
NATICK	S	152.40	352.80	505.20
NEEDHAM	P	94.80	409.20	504.00
NEWTON		159.20	300.00	459.20
NORTHBOROUGH	P	193.00	193.00	386.00
NORWOOD		142.20	274.32	416.52
PEABODY	P	138.00	159.60	297.60
QUINCY		152.40	376.32	528.72
RANDOLPH	S	120.00	324.00	444.00
READING	S	182.40	519.60	702.00
REVERE		192.00	403.20	595.20
SAUGUS	W	141.00	156.00	297.00
SOMERVILLE		193.20	290.40	483.60
STONEHAM		182.40	408.00	590.40
STOUGHTON	S	180.62	555.60	736.22
SWAMPSCOTT	W	186.00	219.60	405.60
WAKEFIELD	P	187.00	349.00	536.00
WALPOLE	S	226.80	420.66	647.46
WALTHAM		196.00	355.00	551.00
WATERTOWN		157.30	297.84	455.14
WELLESLEY		156.00	384.00	540.00
WESTWOOD	S	366.24	588.40	954.64
WEYMOUTH	S	160.80	514.80	675.60
WILBRAHAM	W	120.00	247.80	367.80
WILMINGTON	S	307.20	512.40	819.60
WINCHESTER		279.60	412.80	692.40
WINTHROP		252.00	463.20	715.20
WOBURN	P	116.00	198.00	314.00
WORCESTER	P	171.60	150.72	322.32
AVERAGE		\$188.65	\$334.13	\$522.79
Average cost increase*		7.53%	24.77%	17.89%

Communities receive MWRA water and sewer services unless otherwise indicated:
(W) = Water only, (S) = Sewer only, (P) = Partial water

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

* = average cost increase 1991-92

COMMUNITY RATE COMPARISON GRAPH *



* Combined annual water and sewer costs as shown on page 2.

----- = Service area average

**SYSTEM WIDE SUMMARY DATA
1991 - 1992**

	1991	1992
Avg. combined water and sewer Increase	\$443.40 13.10%	\$522.79 17.89%
Billing Frequency		
Semi-annual	26	24
Tri-annual	3	3
Quarterly	29	30
Bi-monthly	2	2
Monthly	0	1
Water Rate Structure		
Ascending block	26	29
Flat rate	32	29
Fixed fee	2	2
Elderly/Low-income discounts		
Yes	17	19
No	43	41
Cost Increases		
Decrease	1	3
No change	18	15
Below 10 %	8	4
10 % - 20 %	16	15
21 % - 30 %	8	14
31 % - 40 %	6	3
41 % - 50 %	1	2
Above 50 %	4	4

ARLINGTON

Water rates:		Sewer rates:	
Per HCF	\$ 2.14	Per HCF	\$ 3.51
MWRA provided services:			
Water		Yes	
Sewer		Yes	
Annual cost per 90,000 gallons:			
Water		\$ 256.80	
Sewer		\$ 421.20	
Combined		\$ 678.00	
Increase from 1991		18.20 %	
Elderly and/or lower income rate discounts		No	
Current rates effective:			
Water		7/1/92	
Sewer		7/1/92	
Billing frequency		Semi-annual	
Fund type in which Water and/or Sewer funds are managed:			
Water		Enterprise	
Sewer		Enterprise	

ASHLAND

Water rates:		Sewer rates:	
BASE CHARGE	\$15.00	BASE CHARGE	\$15.00
1-2,000 cu. ft.	\$ 1.74	1-2,000 cu. ft.	\$ 2.90
2,001-7,000cu. ft.	\$ 1.79	2,001-7,000cu. ft.	\$ 2.95
7,001-15,000cu. ft.	\$ 1.84	7,001-15,000cu. ft.	\$ 3.00
over 15,000 cu. ft.	\$ 1.89	over 15,000 cu. ft.	\$ 3.05
MWRA provided services:			
Water		No	
Sewer		Yes	
Annual cost per 90,000 gallons:			
Water		\$ 227.80	
Sewer		\$ 367.00	
Combined		\$ 594.80	
Increase from 1991		2.48 %	
Elderly and/or lower income rate discounts		Yes	
Current rates effective:			
Water		7/1/92	
Sewer		7/1/92	
Billing frequency		Semi-annual	
Fund type in which Water and/or Sewer funds are managed:			
Water		General	
Sewer		General	

BEDFORD

Water rates:

first 2,000 cu. ft.	\$ 1.40
over 2,000 cu. ft.	\$ 3.20

Sewer rates:

first 2,500 cu. ft.	\$ 1.90
over 2,500 cu. ft.	\$ 4.30

MWRA provided services:

Water	Emergency only
Sewer	Yes

Annual cost per 90,000 gallons:

Water	\$ 312.00
Sewer	\$ 396.00
Combined	\$ 708.00
Increase from 1991	11.15 %

Elderly and/or lower income rate discounts No

Current rates effective:

Water	7/1/92
Sewer	7/1/92
Billing frequency	Semi-annual

Fund type in which Water and/or Sewer funds are managed:

Water	General
Sewer	General

BELMONT

Sewer rates:

0-800 cu. ft.	\$ 9.00
over 800 cu. ft.	\$ 1.75

Sewer rates:

per HCF	\$ 3.69
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MWRA provided services:

Water	Yes
Sewer	Yes

Annual cost per 90,000 gallons:

Water	\$ 198.00
Sewer	\$ 442.80
Combined	\$ 640.80
Increase from 1991	9.88 %

Elderly and/or lower income rate discounts No

Current rates effective:

Water	7/1/91
Sewer	4/1/92
Billing frequency	Quarterly

Fund type in which Water and/or Sewer funds are managed:

Water	Special-revenue
Sewer	Special-revenue

BOSTON

Water rates: (per cubic foot)

Sewer rates: (per cubic foot)

Calendar year 1992

first 19 cu.ft./DAILY	\$0.01914	first 19 cu.ft./DAILY	\$0.0294
next 20 cu.ft.	\$0.01917	next 20 cu.ft.	\$0.0297
next 50 cu.ft.	\$0.01922	next 50 cu.ft.	\$0.0301
next 70 cu.ft.	\$0.01926	next 70 cu.ft.	\$0.0304
next 190 cu.ft.	\$0.01932	next 190 cu.ft.	\$0.0307
next 250 cu.ft.	\$0.01934	next 250 cu.ft.	\$0.0311
next 700 cu.ft.	\$0.01941	next 700 cu.ft.	\$0.0315
next 1,700 cu.ft.	\$0.01946	next 1,700 cu.ft.	\$0.0318
next 3,000 cu.ft.	\$0.01949	next 3,000 cu.ft.	\$0.0321
over 5,999 cu.ft.	\$0.01953	over 5,999 cu.ft.	\$0.0324

Calendar year 1993

N.B. Billing cycle changing to monthly in calendar year 1993.

first 19 cu.ft./DAILY	\$0.01991	first 19 cu.ft./DAILY	\$0.03409
next 20 cu.ft.	\$0.01994	next 20 cu.ft.	\$0.03447
next 50 cu.ft.	\$0.01999	next 50 cu.ft.	\$0.03488
next 70 cu.ft.	\$0.02003	next 70 cu.ft.	\$0.03528
next 190 cu.ft.	\$0.02010	next 190 cu.ft.	\$0.03567
next 250 cu.ft.	\$0.02012	next 250 cu.ft.	\$0.03608
next 700 cu.ft.	\$0.02019	next 700 cu.ft.	\$0.03649
next 1,700 cu.ft.	\$0.02023	next 1,700 cu.ft.	\$0.03686
next 3,000 cu.ft.	\$0.02028	next 3,000 cu.ft.	\$0.03727
over 5,999 cu.ft.	\$0.02032	over 5,999 cu.ft.	\$0.03765

MWRA provided services:

Water	Yes
Sewer	Yes

Annual cost per 90,000 gallons (Calendar year 1992):

Water	\$ 235.56
Sewer	\$ 363.61
Combined	\$ 599.17
Increase from 1991	24.35 %

Elderly and/or lower income rate discounts Yes

Current rates effective:

Water	1/1/92
Sewer	1/1/92
Billing frequency (1992)	Quarterly

Fund type in which Water and/or Sewer funds are managed:

Water	Enterprise
Sewer	Enterprise

BRAINTREE

Water rates:		Sewer rates:	
Per HCF	\$ 1.25	Per HCF	\$ 2.75
MWRA provided services:			
Water		No	
Sewer		Yes	
Annual cost per 90,000 gallons:			
Water		\$ 150.00	
Sewer		\$ 330.00	
Combined		\$ 480.00	
Increase from 1991		37.93 %	
Elderly and/or lower income rate discounts		No	
Current rates effective:			
Water		1/1/89	
Sewer		7/1/92	
Billing frequency		Quarterly	
Fund type in which Water and/or Sewer funds are managed:			
Water		Enterprise	
Sewer		Enterprise	

BROOKLINE

Water rates:		Sewer rates:	
Per HCF	\$ 2.10	Per HCF	\$ 2.5
MWRA provided services:			
Water		Yes	
Sewer		Yes	
Annual cost per 90,000 gallons:			
Water		\$ 252.00	
Sewer		\$ 300.00	
Combined		\$ 552.00	
Increase from 1991		16.46 %	
Elderly and/or lower income rate discounts		No	
Current rates effective:			
Water		7/1/92	
Sewer		7/1/92	
Billing frequency		Quarterly	
Fund type in which Water and/or Sewer funds are managed:			
Water		Special-revenue	
Sewer		Special-revenue	

BURLINGTON

Water rates:

min to 20,000 gallons	\$18.80
20,001 - 30,000	\$ 0.001
30,001 - 50,000	\$ 0.001
50,001 - 70,000	\$ 0.001
70,001 +	\$ 0.002

Sewer rates:

min to 20,000 gallons	\$37.60
20,001 - 30,000	\$ 0.0034
30,001 - 50,000	\$ 0.0039
50,000 - 70,000	\$ 0.0048
70,001 +	\$ 0.0057

MWRA provided services:

Water	No
Sewer	Yes

Annual cost per 90,000 gallons:

Water	\$ 102.90
Sewer	\$ 261.20
Combined	\$ 364.10
Increase from 1991	21.85 %

Elderly and/or lower income rate discounts No

Current rates effective:

Water	7/1/92
Sewer	7/1/92
Billing frequency	Semi-annual

Fund type in which Water and/or Sewer funds are managed:

Water	General
Sewer	General

CAMBRIDGE

Water rates:

0-40 HCF	\$ 1.37
41-400 HCF	\$ 1.46
401-2,000HCF	\$ 1.56
2,000-10,000HCF	\$ 1.67
Over 10,000HCF	\$ 1.78

Sewer rates:

0-40 HCF	\$ 2.81
41-400 HCF	\$ 2.99
401-2,000HCF	\$ 3.21
2,000-10,000HCF	\$ 3.46
Over 10,000HCF	\$ 3.67

MWRA provided services:

Water	Partial
Sewer	Yes

Annual cost per 90,000 gallons:

Water	\$ 164.40
Sewer	\$ 337.20
Combined	\$ 501.60
Increase from 1991	26.28 %

Elderly and/or lower income rate discounts Yes

Current rates effective:

Water	4/1/92
Sewer	4/1/92
Billing frequency	Quarterly

Fund type in which Water and/or Sewer funds are managed:

Water	Enterprise
Sewer	General

CANTON

Water rates:

0-52 HCF	\$ 1.25
53-135 HCF	\$ 1.36
136-249 HCF	\$ 1.41
over 249 HCF	\$ 1.59

Sewer rates:

0-52 HCF	\$ 2.33
53-135 HCF	\$ 2.73
136-249 HCF	\$ 3.24
over 249 HCF	\$ 3.57

MWRA provided services:

Water	Yes
Sewer	Yes

Annual cost per 90,000 gallons:

Water	\$ 150.00
Sewer	\$ 279.60
Combined	\$ 429.60
Increase from 1991	15.48 %

Elderly and/or lower income rate discounts No

Current rates effective:

Water	7/1/92
Sewer	7/1/92
Billing frequency	Tri-annual

Fund type in which Water and/or Sewer funds are managed:

Water	Enterprise
Sewer	Enterprise

CHELSEA

Water rates:

Per HCF	\$ 1.79
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Sewer rates:

Per HCF	\$ 3.96
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MWRA provided services:

Water	Yes
Sewer	Yes

Annual cost per 90,000 gallons:

Water	\$ 214.80
Sewer	\$ 475.20
Combined	\$ 690.00
Increase from 1991	72.16 %

Elderly and/or lower income rate discounts No

Current rates effective:

Water	7/1/92
Sewer	7/1/92
Billing frequency	Quarterly

Fund type in which Water and/or Sewer funds are managed:

Water	Enterprise
Sewer	Enterprise

CHICOPEE

Water rates:

Base charge per Qtr. \$ 2.00
Per HCF \$ 1.20

Sewer rates:

Per HCF \$ 1.75
Third quarter summer discount of 30 %
or \$15.79 at 22,500 gals per quarter.

MWRA provided services:

Water Yes
Sewer No

Annual cost per 90,000 gallons:

Water \$ 152.40
Sewer \$ 194.77
Combined \$ 347.17
Increase from 1991 48.36 %

Elderly and/or lower income rate discounts No

Current rates effective:

Water 1/1/92
Sewer 8/1/92
Billing frequency Quarterly

Fund type in which Water and/or Sewer funds are managed:

Water Special-Revenue
Sewer Special-Revenue

CLINTON

Water rates:

Per HCF \$ 0.73

Sewer rates:

Per HCF \$ 0.73

Sewer based on 75 % of water bill.

MWRA provided services:

Water Yes
Sewer Yes

Annual cost per 90,000 gallons:

Water \$ 87.60
Sewer \$ 65.70
Combined \$ 153.30
Increase from 1991 0.00 %

Elderly and/or lower income rate discounts No

Current rates effective:

Water 1990
Sewer 1990
Billing frequency Semi-annual

Fund type in which Water and/or Sewer funds are managed:

Water N/A
Sewer N/A

DEDHAM

Water rates:		Sewer rates:	
Per HCF	\$ 2.95	Per HCF	\$ 4.948

Sewer based on 60% of water usage.

MWRA provided services:

Water	No
Sewer	Yes

Annual cost per 90,000 gallons:

Water	\$ 354.00
Sewer	\$ 356.26
Combined	\$ 710.26
Increase from 1991	15.47 %

Elderly and/or lower income rate discounts No

Current rates effective:

Water	7/1/92
Sewer	7/1/92
Billing frequency	Quarterly

Fund type in which Water and/or Sewer funds are managed:

Water	N/A
Sewer	General

EVERETT

Water Rates:		Sewer rates:	
0-10,000cu.ft.	\$ 1.20	0-10,000cu.ft	\$ 2.50
Over 10,000cu.ft.	\$ 1.50	Over 10,000cu.ft.	\$ 3.12

MWRA provided services:

Water	Yes
Sewer	Yes

Annual cost per 90,000 gallons:

Water	\$ 144.00
Sewer	\$ 300.00
Combined	\$ 444.00
Increase from 1991	0.00 %

Elderly and/or lower income rate discounts Yes

Current rates effective:

Water	5/1/91
Sewer	5/1/91
Billing frequency	Quarterly

Fund type in which Water and/or Sewer funds are managed:

Water	General
Sewer	General

FRAMINGHAM

Water rates:

5-52 HCF	\$ 1.05
53-1000 HCF	\$ 1.20
1001 +	\$ 1.45

Sewer rates:

5-52 HCF	\$ 2.05
53-1000 HCF	\$ 3.10
1001 +	\$ 4.05

MWRA provided services:

Water	Yes
Sewer	Yes

Annual cost per 90,000 gallons:

Water	\$ 136.20
Sewer	\$ 317.40
Combined	\$ 453.60
Increase from 1991	18.12 %

Elderly and/or lower income rate discounts Yes

Current rates effective:

Water	7/1/92
Sewer	7/1/92
Billing frequency	Tri-annual

Fund type in which Water and/or Sewer funds are managed:

Water	General
Sewer	General

HINGHAM

Water rates:

Base charge	\$28.23
1st 3,600 CF	\$ 1.412
3,600 +	\$ 0.952

Sewer rates:

Per HCF	\$ 3.40
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MWRA provided services:

Water	No
Sewer	Yes

Annual cost per 90,000 gallons:

Water	\$ 282.36
Sewer	\$ 408.00
Combined	\$ 690.36
Increase from 1991	0.00 %

Elderly and/or lower income rate discounts No

Current rates effective:

Water	1992
Sewer	1992
Billing frequency	Semi-annual

Fund type in which Water and/or Sewer funds are managed:

Water	N/A
Sewer	Special-revenue

HOLBROOK

Sewer and water costs are flat at annual respective costs of \$130.00 and \$120.00

MWRA provided services:

Water	No
Sewer	Yes

Annual cost per 90,000 gallons:

Water	\$ 130.00
Sewer	\$ 364.00
Combined	\$ 494.00
Increase from 1991	26.67 %

Elderly and/or lower income rate discounts Yes

Current rates effective:

Water	7/1/86
Sewer	7/1/92
Billing frequency	Semi-annual

Fund type in which Water and/or Sewer funds are managed:

Water	Enterprise
Sewer	General

LEOMINSTER

Water rates:

Per HCF \$ 1.15

Sewer rates:

Per HCF \$ 1.00

MWRA provided services:

Water	Yes
Sewer	No

Annual cost per 90,000 gallons:

Water	\$ 138.00
Sewer	\$ 120.00
Combined	\$ 258.00
Increase from 1991	0.00

Elderly and/or lower income rate discounts No

Current rates effective:

Water	4/1/90
Sewer	4/1/90
Billing frequency	Quarterly

Fund type in which Water and/or Sewer funds are managed:

Water	Enterprise
Sewer	Enterprise

LEXINGTON

Water rates:

1-10 HCF	\$ 0.70
11-20 HCF	\$ 1.30
21-40 HCF	\$ 1.53
41-80 HCF	\$ 1.53
81-120 HCF	\$ 2.28
121-160 HCF	\$ 2.28
161-200 HCF	\$ 2.34
over 200 HCF	\$ 2.34

Sewer rates:

1-10 HCF	\$ 1.25
11-20 HCF	\$ 2.19
21-40 HCF	\$ 2.26
41-80 HCF	\$ 3.06
81-120 HCF	\$ 4.29
121-160 HCF	\$ 4.35
161-200 HCF	\$ 4.48
over 200 HCF	\$ 4.51

MWRA provided services:

Water	Yes
Sewer	Yes

Annual cost per 90,000 gallons:

Water	\$ 162.40
Sewer	\$ 281.60
Combined	\$ 444.00
Increase from 1991	22.45 %

Elderly and/or lower income rate discounts No

Current rates effective:

Water	10/01/02
Sewer	10/01/92
Billing frequency	Semi-annual

Fund type in which Water and/or Sewer funds are managed:

Water	Enterprise
Sewer	Enterprise

LYNN

Water rates:

Per HCF	\$ 1.81
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Sewer rates:

Per HCF	\$ 1.95
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MWRA provided services:

Water	Yes
Sewer	No

Annual cost per 90,000 gallons:

Water	\$ 217.20
Sewer	\$ 234.00
Combined	\$ 451.20
Increase from 1991	0.00 %

Elderly and/or lower income rate discounts Yes

Current rates effective:

Water	7/1/89
Sewer	7/1/89
Billing frequency	Quarterly

Fund type in which Water and/or Sewer funds are managed:

Water	Enterprise
Sewer	Enterprise

LYNNFIELD

Water rates:

0 - 2,000 CF	\$ 36.00
2,000 + CF	\$ 1,72

MWRA provided services:

Water	Yes
Sewer	No

Annual cost per 90,000 gallons:

Water	\$ 196.00
Sewer	\$ N/A
Combined	\$ 196.00
Increase from 1991	0.00 %

Elderly and/or lower income rate discounts No

Current rates effective:

Water	09/01/91
Sewer	N/A
Billing frequency	Semi-annual

Fund type in which Water and/or Sewer funds are managed:

Water	N/A
Sewer	N/A

MALDEN

Water rates:

min to 1,000 cu.ft.	\$15.00
1,001-5,000	\$ 0.87
5,001-75,000	\$ 1.09
over 75,000	\$ 1.55

Sewer rates:

min to 1,000 cu.ft.	\$15.00
1,001-5,000	\$ 2.47
5,001-75,000	\$ 4.09
over 75,000	\$ 4.45

MWRA provided services:

Water	Yes
Sewer	Yes

Annual cost per 90,000 gallons:

Water	\$ 126.40
Sewer	\$ 400.10
Combined	\$ 526.50
Increase from 1991	16.38 %

Elderly and/or lower income rate discounts No

Current rates effective:

Water	1/1/92
Sewer	1/1/92
Billing frequency	Semi-annual

Fund type in which Water and/or Sewer funds are managed:

Water	General
Sewer	General

MARBLEHEAD

Water rates:

Base charge	\$ 6.00
1-3,000 cu.ft.	\$ 1.30
3,000 cu.ft. & over	\$ 1.65

Sewer rates:

Base charge	\$ 3.00
1-3,000 cu.ft.	\$ 1.95
3,000 cu.ft. & over	\$ 2.25

MWRA provided services:

Water	Yes
Sewer	No

Annual cost per 90,000 gallons:

Water	\$ 180.00
Sewer	\$ 246.00
Combined	\$ 426.00
Increase from 1991	- 1.39 %

Elderly and/or lower income rate discounts No

Current rates effective:

Water	7/1/92
Sewer	7/1/92
Billing frequency	Quarterly

Fund type in which Water and/or Sewer funds are managed:

Water	Enterprise
Sewer	Enterprise

MARLBOROUGH

Water rates:

Per HCF	\$ 1.58
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Sewer rates:

Per HCF	\$ 1.50
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MWRA provided services:

Water	Yes
Sewer	No

Annual cost per 90,000 gallons:

Water	\$ 189.60
Sewer	\$ 180.00
Combined	\$ 369.60
Increase from 1991	14.07 %

Elderly and/or lower income rate discounts No

Current rates effective:

Water	1/1/92
Sewer	1/1/92
Billing frequency	Quarterly

Fund type in which Water and/or Sewer funds are managed:

Water	Enterprise
Sewer	Enterprise

MEDFORD

Water rates:		Sewer rates:	
Per HCF	\$ 1.44	Per HCF	\$ 3.45

Sewer charges based on 75.90 % of water usage.

MWRA provided services:

Water	Yes
Sewer	Yes

Annual cost per 90,000 gallons:

Water	\$ 172.80
Sewer	\$ 314.23
Combined	\$ 487.23
Increase from 1991	31.06 %

Elderly and/or lower income rate discounts No

Current rates effective:

Water	10/1592
Sewer	10/1592
Billing frequency	Quarterly

Fund type in which Water and/or Sewer funds are managed:

Water	Enterprise
Sewer	Enterprise

MELROSE

Water rates:		Sewer rates:	
Per HCF	\$ 2.35	Per HCF	\$ 3.52

MWRA provided services:

Water	Yes
Sewer	Yes

Annual cost per 90,000 gallons:

Water	\$ 282.00
Sewer	\$ 380.16
Combined	\$ 662.16
Increase from 1991	50.72 %

Elderly and/or lower income rate discounts Yes

Current rates effective:

Water	01/12/92
Sewer	01/12/92
Billing frequency	Semi-annual

Fund type in which Water and/or Sewer funds are managed:

Water	General
Sewer	General

MILTON

Water rates:		Sewer rates:	
Per HCF	\$ 1.70	Per HCF	\$ 4.45
MWRA provided services:			
Water		Yes	
Sewer		Yes	
Annual cost per 90,000 gallons:			
Water		\$ 187.20	
Sewer		\$ 451.20	
Combined		\$ 638.40	
Increase from 1991		27.88 %	
Elderly and/or lower income rate discounts		Yes	
Current rates effective:			
Water		7/1/92	
Sewer		7/1/92	
Billing frequency		Semi-annual	
Fund type in which Water and/or Sewer funds are managed:			
Water		Special-revenue	
Sewer		Special-revenue	

NAHANT

Water rates*:		Sewer rates*:	
Per HCF	\$ 2.10	Per HCF	\$ 2.40
*increase anticipated during first quarter calendar year 1993.			
MWRA provided services:			
Water		Yes	
Sewer		No	
Annual cost per 90,000 gallons:			
Water		\$ 252.00	
Sewer		\$ 288.00	
Combined		\$ 540.00	
Increase from 1991		0.00 %	
Elderly and/or lower income rate discounts		No	
Current rates effective:			
Water		07/01/89	
Sewer		07/01/89	
Billing frequency		Semi-annual	
Fund type in which Water and/or Sewer funds are managed:			
Water		N/A	
Sewer		N/A	

NATICK

Water rates:		Sewer rates:	
Per HCF	\$ 1.270	Per HCF	\$ 2.94
MWRA provided services:			
Water		No	
Sewer		Yes	
Annual cost per 90,000 gallons:			
Water		\$ 152.40	
Sewer		\$ 352.80	
Combined		\$ 505.20	
Increase from 1991		- 12.66 %	
Elderly and/or lower income rate discounts		No	
Current rates effective:			
Water		10/1/92	
Sewer		10/1/92	
Billing frequency		Quarterly	
Fund type in which Water and/or Sewer funds are managed:			
Water		General	
Sewer		General	

NEEDHAM

Water rates:		Sewer rates:	
Per HCF	\$ 0.79	Per HCF	\$ 3.41
MWRA provided services:			
Water		Yes	
Sewer		Yes	
Annual cost per 90,000 gallons:			
Water		\$ 94.80	
Sewer		\$ 409.20	
Combined		\$ 504.00	
Increase from 1991		14.75 %	
Elderly and/or lower income rate discounts		No	
Current rates effective:			
Water		7/1/92	
Sewer		7/1/92	
Billing frequency		Quarterly	
Fund type in which Water and/or Sewer funds are managed:			
Water		General	
Sewer		General	

NEWTON

Water rates:

1 TO 20 HCF	\$ 1.28
21 TO 40 HCF	\$ 1.42
over 40 HCF	\$ 1.51

Sewer rates:

1 TO 20 HCF	\$ 2.46
21 TO 40 HCF	\$ 2.58
over 40 HCF	\$ 2.69

MWRA provided services:

Water	Yes
Sewer	Yes

Annual cost per 90,000 gallons:

Water	\$ 159.20
Sewer	\$ 300.00
Combined	\$ 459.20
Increase from 1991	0.00 %

Elderly and/or lower income rate discounts Yes

Current rates effective:

Water	4/1/90
Sewer	4/1/90
Billing frequency	Quarterly

Fund type in which Water and/or Sewer funds are managed:

Water	Special-revenue
Sewer	Special-revenue

NORTHBOROUGH

Water rates:

Per HCF	\$ 1.60
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Sewer rates:

Per HCF	\$ 1.60
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MWRA provided services:

Water	Yes
Sewer	No

Annual cost per 90,000 gallons:

Water	\$ 193.00
Sewer	\$ 193.00
Combined	\$ 386.00
Increase from 1991	27.14 %

Elderly and/or lower income rate discounts No

Current rates effective:

Water	10/01/92
Sewer	10/01/92
Billing frequency	Semi-annual

Fund type in which Water and/or Sewer funds are managed:

Water	Enterprise
Sewer	Enterprise

NORWOOD

Water rates:		Sewer rates:	
0-1,000 cu. ft.	\$ 1.05	0-600 cu. ft.	\$ 2.75
over 1,000 cu. ft.	\$ 1.32	over 600 cu. ft.	\$ 4.87

Sewer charges based on 60 % of water usage.

MWRA provided services:

Water	Yes
Sewer	Yes

Annual cost per 90,000 gallons:

Water	\$ 142.20
Sewer	\$ 274.32
Combined	\$ 416.52
Increase from 1991	16.13 %

Elderly and/or lower income rate discounts No

Current rates effective:

Water	7/1/92
Sewer	7/1/92
Billing frequency	Bi-monthly

Fund type in which Water and/or Sewer funds are managed:

Water	General
Sewer	General

PEABODY

Water rates:		Sewer rates:	
0-15 HCF	\$ 1.11	0-15 HCF	\$ 1.28
over 15 HCF	\$ 1.19	over 15 HCF	\$ 1.38

MWRA provided services:

Water	Yes
Sewer	No

Annual cost per 90,000 gallons:

Water	\$ 138.00
Sewer	\$ 159.60
Combined	\$ 297.60
Increase from 1991	0.00 %

Elderly and/or lower income rate discounts Yes

Current rates effective:

Water	7/1/91
Sewer	7/1/91
Billing frequency	Monthly

Fund type in which Water and/or Sewer funds are managed:

Water	General
Sewer	General

QUINCY

Water rates:

0-85 HCF	\$ 1.27
85.1 - 250 HCF	\$ 1.29
next - 250 HCF	\$ 1.31
next - 250 HCF	\$ 1.34
next - 250 HCF	\$ 1.38
next - 500 HCF	\$ 1.42
next - 500 HCF	\$ 1.45
next - 1,000 HCF	\$ 1.48
next - 1,000 HCF	\$ 1.51
next - 4,085.01 HCF	\$ 1.54

Sewer rates:

Per HCF	\$ 4.48
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MWRA provided services:

Water	Yes
Sewer	Yes

Annual cost per 90,000 gallons:

Water	\$ 152.40
Sewer	\$ 376.32
Combined	\$ 528.72
Increase from 1991	29.47 %

Elderly and/or lower income rate discounts Yes

Current rates effective:

Water	7/1/92
Sewer	7/1/92
Billing frequency	Quarterly

Fund type in which Water and/or Sewer funds are managed:

Water	General
Sewer	General

RANDOLPH

Water rates:

Per HCF	\$ 1.00
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Sewer rates:

Per HCF	\$ 2.70
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MWRA provided services:

Water	No
Sewer	Yes

Annual cost per 90,000 gallons:

Water	\$ 120.00
Sewer	\$ 324.00
Combined	\$ 444.00
Increase from 1991	20.13 %

Elderly and/or lower income rate discounts Yes

Current rates effective:

Water	7/1/88
Sewer	7/1/92
Billing frequency	Semi-annual

Fund type in which Water and/or Sewer funds are managed:

Water	General
Sewer	General

READING

Water rates:		Sewer rates:	
Per HCF	\$ 1.52	Per HCF	\$ 4.33
MWRA provided services:			
Water		No	
Sewer		Yes	
Annual cost per 90,000 gallons:			
Water		\$ 182.40	
Sewer		\$ 519.60	
Combined		\$ 702.00	
Increase from 1991		4.46 %	
Elderly and/or lower income rate discounts		No	
Current rates effective:			
Water		8/1/92	
Sewer		8/1/92	
Billing frequency		Quarterly	
Fund type in which Water and/or Sewer funds are managed:			
Water		Enterprise	
Sewer		Enterprise	

REVERE

Water rates:		Sewer rates:	
Per HCF	\$ 1.60	Per HCF	\$ 3.36
MWRA provided services:			
Water		Yes	
Sewer		Yes	
Annual cost per 90,000 gallons:			
Water		\$ 192.00	
Sewer		\$ 403.20	
Combined		\$ 595.20	
Increase from 1991		11.46 %	
Elderly and/or lower income rate discounts		No	
Current rates effective:			
Water		7/1/92	
Sewer		7/1/92	
Billing frequency		Semi-annual	
Fund type in which Water and/or Sewer funds are managed:			
Water		General	
Sewer		General	

SAUGUS

Water rates:

0-30 HCF	\$ 1.00
31-100 HCF	\$ 1.35
100-200 HCF	\$ 1.40
200-500 HCF	\$ 1.50
500-1000 HCF	\$ 1.60
OVER 1000 HCF	\$ 1.70

Sewer rates:

0 - 30 HCF	\$ 1.20
31-100 HCF	\$ 1.40
100-200 HCF	\$ 1.60
200-500 HCF	\$ 1.80
500 +	\$ 2.00

MWRA provided services:

Water	Yes
Sewer	No

Annual cost per 90,000 gallons:

Water	\$ 141.00
Sewer	\$ 156.00
Combined	\$ 297.00
Increase from 1991	0.00 %

Elderly and/or lower income rate discounts No

Current rates effective:

Water	07/01/90
Sewer	07/01/90
Billing frequency	Semi-annual

Fund type in which Water and/or Sewer funds are managed:

Water	General
Sewer	General

SOMERVILLE

Water rates:

0-50 HCF	\$ 1.61
51-100 HCF	\$ 1.69
over 100 HCF	\$ 1.76

Sewer rates:

0-50 HCF	\$ 2.42
51-100 HCF	\$ 2.53
over 100 HCF	\$ 2.63

MWRA provided services:

Water	Yes
Sewer	Yes

Annual cost per 90,000 gallons:

Water	\$ 193.20
Sewer	\$ 290.40
Combined	\$ 483.60
Increase from 1991	27.13 %

Elderly and/or lower income rate discounts No

Current rates effective:

Water	7/1/92
Sewer	7/1/92
Billing frequency	Quarterly

Fund type in which Water and/or Sewer funds are managed:

Water	General
Sewer	General

SOUTH HADLEY

Water rates:

Per HCF \$ 1.05

MWRA provided services:

Water	Yes
Sewer	No

Annual cost per 90,000 gallons:

Water	\$ 126.00
Sewer	\$ N/A
Combined	\$ 126.00
Increase from 1991	0.00 %

Elderly and/or lower income rate discounts No

Current rates effective:

Water	4/1/90
Sewer	N/A
Billing frequency	Quarterly

Fund type in which Water and/or Sewer funds are managed:

Water	Special-revenue
Sewer	Special-revenue

SOUTHBOROUGH

Water rates:

Per HCF \$ 2.18

MWRA provided services:

Water	Yes
Sewer	No

Annual cost per 90,000 gallons:

Water	\$ 261.60
Sewer	\$ N/A
Combined	\$ 261.60
Increase from 1991	0.00 %

Elderly and/or lower income rate discounts Yes

Current rates effective:

Water	11/1/90
Sewer	11/1/90
Billing frequency	Quarterly

Fund type in which Water and/or Sewer funds are managed:

Water	Special-revenue
Sewer	N/A

STONEHAM

Water rates:		Sewer rates:	
Per HCF	\$ 1.52	Per HCF	\$ 3.40
MWRA provided services:			
Water		Yes	
Sewer		Yes	
Annual cost per 90,000 gallons:			
Water		\$ 182.40	
Sewer		\$ 408.00	
Combined		\$ 590.40	
Increase from 1991		10.81 %	
Elderly and/or lower income rate discounts		N/A	
Current rates effective:			
Water		7/1/92	
Sewer		7/1/92	
Billing frequency		Quarterly	
Fund type in which Water and/or Sewer funds are managed:			
Water		Special-revenue	
Sewer		Special-revenue	

STOUGHTON

Water rates:		Sewer rates:	
first 1,000 cu.ft.	\$ 27.77	customers on town water	
next 1,000 cu.ft.	\$ 1.11	min charge	
next 3,200 cu.ft.	\$ 1.26	per cu. ft.	\$ 4.63
next 6,600 cu.ft.	\$ 1.39		
next 6,600 cu.ft.	\$ 1.52	customers on private wells	
next 6,600 cu.ft.	\$ 1.67	flat charge	\$180.46
next 25,000 cu.ft.	\$ 1.82		
next 50,000 cu.ft.	\$ 1.94		
OVER 100,000 CU.FT.	\$ 2.30		
MWRA provided services:			
Water		No	
Sewer		Yes	
Annual cost per 90,000 gallons:			
Water		\$ 180.62	
Sewer		\$ 555.60	
Combined		\$ 736.22	
Increase from 1991		26.41 %	
Elderly and/or lower income rate discounts		Yes	
Current rates effective:			
Water		7/1/92	
Sewer		7/1/92	
Billing frequency		Semi-annual	
Fund type in which Water and/or Sewer funds are managed:			
Water		Enterprise	
Sewer		Enterprise	

SWAMPSCOTT

Water rates:		Sewer rates:	
Per HCF	\$ 1.55	Per HCF	\$ 1.83
MWRA provided services:			
Water		Yes	
Sewer		No	
Annual cost per 90,000 gallons:			
Water		\$ 186.00	
Sewer		\$ 219.60	
Combined		\$ 405.60	
Increase from 1991		30.00 %	
Elderly and/or lower income rate discounts		No	
Current rates effective:			
Water		7/1/92	
Sewer		7/1/92	
Billing frequency		Semi-annual	
Fund type in which Water and/or Sewer funds are managed:			
Water		General	
Sewer		General	

WAKEFIELD

Water rates:		Sewer rates:	
Base charge	\$ 7.00	Base charge	\$ 7.00
Per HCF	\$ 1.50	Per HCF	\$ 2.85
MWRA provided services:			
Water		Yes	
Sewer		Yes	
Annual cost per 90,000 gallons:			
Water		\$ 187.00	
Sewer		\$ 349.00	
Combined		\$ 536.00	
Increase from 1991		- 1.11 %	
Elderly and/or lower income rate discounts		Yes	
Current rates effective:			
Water		7/1/92	
Sewer		7/1/92	
Billing frequency		Quarterly	
Fund type in which Water and/or Sewer funds are managed:			
Water		Enterprise	
Sewer		Enterprise	

WALPOLE

Water rates:

Per HCF \$ 1.89

Sewer rates:

UNDER 500 HCF \$ 3.99
OVER 500 HCF \$ 4.485

Sewer charges based on 80 % of water usage.

MWRA provided services:

Water No
Sewer Yes

Annual cost per 90,000 gallons:

Water \$ 226.80
Sewer \$ 420.66
Combined \$ 647.46
Increase from 1991 31.47 %

Elderly and/or lower income rate discounts No

Current rates effective:

Water 7/1/92
Sewer 7/1/92
Billing frequency Quarterly

Fund type in which Water and/or Sewer funds are managed:

Water Special-revenue
Sewer Special-revenue

WALTHAM

Water rates:

Base charge 5/8" MTR \$ 11.50
FIRST 15 HCF \$ 1.15
OVER 15 TO 40 \$ 1.35
OVER 40 \$ 1.55

Sewer rates:

Base charge 5/8" MTR \$ 11.50
FIRST 15 HCF \$ 2.55
OVER 15 TO 40 \$ 2.60
OVER 40 \$ 2.65

MWRA provided services:

Water Yes
Sewer Yes

Annual cost per 90,000 gallons:

Water \$ 196.00
Sewer \$ 355.00
Combined \$ 551.00
Increase from 1991 63.99 %

Elderly and/or lower income rate discounts No

Current rates effective:

Water 7/1/92
Sewer 7/1/92
Billing frequency Quarterly

Fund type in which Water and/or Sewer funds are managed:

Water Enterprise
Sewer Enterprise

WATERTOWN

Water rates:

FIRST 50 HCF \$ 32.00
OVER 50 HCF \$ 2.12

Sewer rates:

Per HCF \$ 3.74

Sewer charges based on 85 % of water usage.

MWRA provided services:

Water Yes
Sewer Yes

Annual cost per 90,000 gallons:

Water \$ 157.30
Sewer \$ 297.84
Combined \$ 455.14
Increase from 1991 25.94 %

Elderly and/or lower income rate discounts No

Current rates effective:

Water 7/1/92
Sewer 7/1/92
Billing frequency Semi-annual

Fund type in which Water and/or Sewer funds are managed:

Water General
Sewer General

WELLESLEY

Water rates:

Base charge \$ 3.45
Per HCF \$ 1.30

Sewer rates:

Base charge \$ 3.00
Per HCF \$ 2.75

Summer water use over 2.5 HCF charged at \$ 2.15 per HCF

MWRA provided services:

Water Yes
Sewer Yes

Annual cost per 90,000 gallons:

Water \$ 156.00
Sewer \$ 384.00
Combined \$ 540.00
Increase from 1991 0.00 %

Elderly and/or lower income rate discounts No

Current rates effective:

Water 8/1/89
Sewer 7/1/92
Billing frequency Bi-monthly

Fund type in which Water and/or Sewer funds are managed:

Water Enterprise
Sewer Enterprise

WESTON

Water rates:

0 - 100 HCF	\$ 0.90
101 - 200 HCF	\$ 1.20
over 200 HCF	\$ 2.00

MWRA provided services:

Water	Yes
Sewer	No

Annual cost per 90,000 gallons:

Water	\$ 108.00
Sewer	\$ N/A
Combined	\$ 108.00
Increase from 1991	0.00 %

Elderly and/or lower income rate discounts No

Current rates effective:

Water	5/1/89
Sewer	N/A
Billing frequency	Semi-annual

Fund type in which Water and/or Sewer funds are managed:

Water	General
Sewer	N/A

WESTWOOD

Water rates:

First 500 Cubic ft.	\$ 24.06
Over 500 cubic feet	\$ 2.70

Sewer rates:

BASE CHARGE 5/8"	\$ 15.00
0-25 HCF/qtr	\$ 4.02
25.1 - 70 HCF/qtr	\$ 6.32
over 70 HCF/qtr	\$ 11.19

MWRA provided services:

Water	No
Sewer	Yes

Annual cost per 90,000 gallons:

Water	\$ 366.24
Sewer	\$ 588.40
Combined	\$ 954.64
Increase from 1991	27.69 %

Elderly and/or lower income rate discounts No

Current rates effective:

Water	N/A
Sewer	9/1/92
Billing frequency	Quarterly

Fund type in which Water and/or Sewer funds are managed:

Water	N/A
Sewer	Enterprise

WEYMOUTH

Water rates:

8 UNITS MIN	\$ 12.00
9 THRU 24	\$ 1.20
25 THRU 1024	\$ 1.25
1025 UP	\$ 1.30

Sewer rates:

Per HCF \$ 4.29

MWRA provided services:

Water	No
Sewer	Yes

Annual cost per 90,000 gallons:

Water	\$ 160.80
Sewer	\$ 514.80
Combined	\$ 675.60
Increase from 1991	127.70 %

Elderly and/or lower income rate discounts Yes

Current rates effective:

Water	7/1/92
Sewer	7/1/92
Billing frequency	Tri-annual

Fund type in which Water and/or Sewer funds are managed:

Water	Enterprise
Sewer	Special-revenue

WILBRAHAM

Water rates:

0-100	\$ 1.00
101-200	\$ 1.35
201-up	\$ 1.70

Sewer rates:

Per HCF \$ 2.065

MWRA provided services:

Water	Yes
Sewer	No

Annual cost per 90,000 gallons:

Water	\$ 120.00
Sewer	\$ 247.80
Combined	\$ 367.80
Increase from 1991	3.55 %

Elderly and/or lower income rate discounts No

Current rates effective:

Water	10/1/92
Sewer	10/1/92
Billing frequency	Semi-annual

Fund type in which Water and/or Sewer funds are managed:

Water	Enterprise
Sewer	Enterprise

WILMINGTON

Water rates:		Sewer rates:	
Per HCF	\$ 2.56	Per HCF	\$ 4.27
MWRA provided services:			
Water		No	
Sewer		Yes	
Annual cost per 90,000 gallons:			
Water		\$ 307.20	
Sewer		\$ 512.40	
Combined		\$ 819.60	
Increase from 1991		16.95 %	
Elderly and/or lower income rate discounts		No	
Current rates effective:			
Water		10/1/89	
Sewer		9/10/92	
Billing frequency		Quarterly	
Fund type in which Water and/or Sewer funds are managed:			
Water		Special-revenue	
Sewer		General	

WINCHESTER

Water rates:		Sewer rates:	
0-75 HCF	\$ 2.33	0-75 HCF	\$ 3.44
over 75 HCF	\$ 2.80	75 + HCF	\$ 4.12
MWRA provided services:			
Water		Yes	
Sewer		Yes	
Annual cost per 90,000 gallons:			
Water		\$ 279.60	
Sewer		\$ 412.80	
Combined		\$ 692.40	
Increase from 1991		47.57 %	
Elderly and/or lower income rate discounts		Yes	
Current rates effective:			
Water		10/1/92	
Sewer		10/1/92	
Billing frequency		Quarterly	
Fund type in which Water and/or Sewer funds are managed:			
Water		Enterprise	
Sewer		Enterprise	

WINTHROP

Water rates:		Sewer rates:	
Per HCF	\$ 2.10	Per HCF	\$ 3.86
MWRA provided services:			
Water		Yes	
Sewer		Yes	
Annual cost per 90,000 gallons:			
Water		\$ 252.00	
Sewer		\$ 463.20	
Combined		\$ 715.20	
Increase from 1991		0.00 %	
Elderly and/or lower income rate discounts		No	
Current rates effective:			
Water		7/1/91	
Sewer		7/1/91	
Billing frequency		Quarterly	
Fund type in which Water and/or Sewer funds are managed:			
Water		Enterprise	
Sewer		Enterprise	

WOBURN

Water and sewer rates are flat at respective costs of \$116.00 and \$198.00

MWRA provided services:			
Water		Yes	
Sewer		Yes	
Annual cost per 90,000 gallons:			
Water		\$ 116.00	
Sewer		\$ 198.00	
Combined		\$ 314.00	
Increase from 1991		15.44 %	
Elderly and/or lower income rate discounts		Yes	
Current rates effective:			
Water		6/19/92	
Sewer		6/19/92	
Billing frequency		Semi-annual	
Fund type in which Water and/or Sewer funds are managed:			
Water		General	
Sewer		General	

WORCESTER

Water rate:		Sewer rates:	
Per HCF	\$ 1.43	Per HCF	\$ 1.57

Sewer charges based on 80 % of water usage.

MWRA provided services:	
Water	Yes
Sewer	No

Annual cost per 90,000 gallons:	
Water	\$ 171.60
Sewer	\$ 150.72
Combined	\$ 322.32
Increase from 1991	10.72 %

Elderly and/or lower income rate discounts	No
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Current rates effective:	
Water	7/1/92
Sewer	7/1/92
Billing frequency	Semi-annual

Fund type in which Water and/or Sewer funds are managed:	
Water	Enterprise
Sewer	Enterprise

EXPLANATORY NOTES

Data presented is based on information provided to the Advisory Board through its Annual Survey of Communities. Calculations of annual water and sewer costs are based on 90,000 gallons (or 12,000 cubic feet), community rate and billing frequency information. All information is for residential accounts only. Commercial and industrial accounts may be billed differently.

Following are *general definitions* of the different Water and Sewer fund types in which Water and Sewer funds are managed:

Enterprise Fund - also known as special-revenue fund, is often established for governmental units which operate as a utility (such as water and sewer services). The enterprise fund maintains the utility's revenue and expenses separate from the municipality's general or operating budget. To maintain such a separation, the utility must fully recover its costs. An enterprise fund therefore places a priority on the recovery of operating costs and replacement of plant and equipment.

General Fund - accounts for the general operating activities of a governmental unit and most often refers to the general operating budget.

Operating Fund - accounts for the general operating activities of a governmental unit, but places a distinction between costs relating to operations and maintenance and costs associated with the replacement of capital assets (such as plant and equipment).

Abbreviations:

CF = cubic feet

HCF = hundred cubic feet

All water and sewer rates are for HCF, except where otherwise noted.

The Massachusetts Water Resources Authority Advisory Board.....

was established by the Legislature to represent the 60 communities in the MWRA service area. By annually making comments and recommendations on the Authority's budget and rates, the Board provides a ratepayer's perspective on the MWRA's policies and plans to improve the region's water and sewer system.

For more information call (617) 742-7561, or write:

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