

1989

WATER AND SEWER RATES IN MWRA COMMUNITIES

A Report of

The MWRA Advisory Board

December 1989

THE MWRA ADVISORY BOARD...

was established by the Legislature to represent the 60 communities in the MWRA service area. It provides a ratepayer perspective on the MWRA's policies and plans to improve the region's water and sewer system, while keeping watch over the Authority's budgets and rates. For more information call (617) 742-7561, or write: MWRA Advisory Board, 6 Beacon Street, Suite 915, Boston, MA 02108.

1989 WATER AND SEWER RATES IN MWRA COMMUNITIES

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Explanatory Notes

Data presented in this report is based on information provided to the Advisory Board through its Annual Survey of Communities. Calculations of annual costs were performed by staff using the rate information supplied by communities.

Abbreviations: cf = cubic foot, hcf = 100 cubic feet

Block rates: Volume increments are for water used within the billing period unless noted otherwise.

Billing frequency: Given for residential customers. Non-residential accounts may be billed differently.

Sewer usage: Is billed at 100% of water consumption, unless noted otherwise.

Lifeline rate: Means either some type of water bill discount is available to poor or elderly residents, or that rates are set to provide significant discounts to low-volume water users.

Family costs: Based on typical family of four which uses 12,000 cf (120 hcf or 89760 gallons) of water annually.

Cost increase: The percentage change in combined costs compared with the previous calendar year.

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

<u>WATER COSTS (\$)</u>		<u>SEWER COSTS (\$)</u>	
Arlington	174.00	Arlington	243.60
Belmont	157.20	Ashland	208.80
Boston	176.62	Bedford	204.00
Brookline	228.00	Belmont	360.00
Cambridge	98.00	Boston	195.00
Canton	168.00	Braintree	150.00
Chelsea	138.00	Brookline	186.00
Chicopee	90.00	Burlington	198.56
Clinton	51.60	Cambridge	164.40
Everett	120.00	Canton	156.00
Framingham	126.00	Chelsea	134.40
Leominster	120.00	Dedham	193.20
Lexington	118.80	Everett	144.00
Lynn	217.20	Framingham	174.00
Lynnfield W.D.	148.00	Hingham	165.00
Malden	104.20	Holbrook	204.00
Marblehead	216.00	Lexington	129.60
Marlborough	144.00	Malden	169.40
Medford	140.40	Medford	156.28
Melrose	110.20	Melrose	166.32
Milton	182.40	Milton	220.80
Nahant	252.00	Natick	282.00
Needham	86.40	Needham	180.00
Newton	132.40	Newton	132.40
Northborough	120.00	Norwood	164.52
Norwood	128.40	Quincy	0
Peabody	97.20	Randolph	160.00
Quincy	132.20	Reading	370.80
Revere	96.00	Revere	276.00
Saugus	117.00	Somerville	110.40
Somerville	147.60	Stoneham	256.80
S. Hadley F.D. #1	90.40	Stoughton	410.40
Southborough	218.04	Wakefield	276.00
Stoneham	140.40	Walpole	153.60
Swampscott	181.20	Waltham	162.00
Wakefield	150.00	Watertown	195.84
Waltham	120.00	Wellesley	270.00
Watertown	124.40	Westwood	303.60
Wellesley	176.70	Weymouth	151.20
Weston	68.40	Wilmington	247.20
Wilbraham	90.00	Winchester	253.20
Winchester	216.00	Winthrop	224.64
Winthrop	187.20	Woburn	106.00
Woburn	84.00		
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Average	140.56	Average	200.23

Costs based on a typical family using 12,000 cf per year.

COMBINED ANNUAL WATER AND SEWER COSTS
IN COMMUNITIES THAT RECEIVE BOTH SERVICES FROM MWRA

<u>Community</u>	<u>Costs (\$)</u>
Arlington	417.60
Belmont	517.20
Boston	371.62
Brookline	414.00
Cambridge (P)	262.40
Canton (P)	324.00
Chelsea	272.40
Everett	264.00
Framingham (P)	300.00
Lexington	248.40
Malden	273.60
Medford	296.68
Melrose	276.52
Milton	403.20
Needham (P)	266.40
Newton	264.80
Norwood	292.92
Quincy	132.20 (no sewer fee)
Revere	372.00
Somerville	258.00
Stoneham	397.20
Wakefield (P)	426.00
Waltham	282.00
Watertown	320.24
Wellesley (P)	446.70
Winchester (P)	469.20
Winthrop	411.84
Woburn (P)	190.00

Average	327.54

COMBINED ANNUAL WATER AND SEWER COSTS IN
COMMUNITIES THAT RECEIVE ONLY ONE OF THOSE SERVICES FROM MWRA

<u>Community</u>	<u>Costs (\$)</u>
Ashland (S)	417.60
Bedford (S)	424.00
Braintree (S)	300.00
Burlington (S)	297.84
Chicopee (W)	118.80
Clinton (W)	90.30
Dedham (S)	567.44
Hingham (S)	413.28
Holbrook (S)	334.00
Leominster (P)	192.00
Lynn (P)	451.20
Marblehead (W)	420.00
Marlborough (P)	288.00
Nahant (W)	540.00
Natick (S)	408.00
Northborough (P)	240.00
Peabody (P)	214.80
Randolph (S)	280.00
Reading (S)	670.80
Saugus (W)	273.00
Stoughton (S)	582.42
Swampscott (W)	258.00
Walpole (S)	339.60
Westwood (S)	677.84
Weymouth (S)	304.80
Wilbraham (W)	315.00
Wilmington (S)	554.40
Worcester (P)	262.36

Average	365.55

(W) = water, (S) = sewer, (P) = partial water

Four communities not listed because they don't provide municipal sewer services: Lynnfield Water District, South Hadley Fire District #1, Southborough and Weston.

SUMMARY DATA

(Number of Communities)

Billing Frequency

2 times a year:	28
3 times a year:	3
4 times a year:	27
6 times a year:	2

Water Rate Structures

Inclining Block:	21
Declining Block:	4
Flat Rate:	33
Fixed Fee:	2

Lifeline Rates

Yes:	13
No:	47

Cost Increases - Combined W & S

Decrease:	1
No change:	13
Below 10%:	6
10% to 20%:	10
20% to 30%:	15
30% to 40%:	5
40% to 50%:	4
Above 50%:	6

ARLINGTON

WATER \$1.45 per hcf SEWER \$2.03 per hcf

MWRA services: Water and Sewer
Bill frequency: Semi-annually
Effective date: 7/1/89
Lifeline rate: No
Family costs: \$174.00 water, \$243.60 sewer
 \$417.60 combined
Cost increase: 18.4%

ASHLAND

WATER base charge \$15.00
 1st 2000 cf 1.44 per hcf
 next 5000 cf 1.49 per hcf
 next 8000 cf 1.54 per hcf
 over 15000 cf 1.59 per hcf

SEWER same as water rates

MWRA services: Sewer
Bill frequency: Semi-annually
Effective date: 6/1/89
Lifeline rate: Yes
Family costs: \$208.80 water, \$208.80 sewer
 \$417.60 combined
Cost increase: 3.2% (compared to 1988 adjusted rate)

BEDFORD

WATER 1st 2000 cf \$0.90 per hcf
 over 2000 cf 2.30 per hcf

SEWER 1st 2500 cf \$1.00 per hcf
 over 2500 cf 2.20 per hcf

MWRA services: Sewer and Emergency Water Supply
Bill frequency: Semi-annually
Effective date: 7/1/89
Lifeline rate: No
Family costs: \$220.00 water, \$204.00 sewer
 \$424.00 combined
Cost increase: 10.1%

BELMONT

WATER 1st 800 cf \$9.60
 over 800 cf \$1.35 per hcf

SEWER \$3.00 per hcf

MWRA services: Water and Sewer
Bill frequency: Quarterly
Effective date: 4/1/89
Lifeline rate: No
Family costs: \$157.20 water, \$360.00 sewer
 \$517.20 combined
Cost increase: 34.3%

ARLINGTON

WATER \$1.45 per hcf SEWER \$2.03 per hcf

MWRA services: Water and Sewer
Bill frequency: Semi-annually
Effective date: 7/1/89
Lifeline rate: No
Family costs: \$174.00 water, \$243.60 sewer
\$417.60 combined
Cost increase: 18.4%

ASHLAND

WATER base charge \$15.00
 1st 2000 cf 1.44 per hcf
 next 5000 cf 1.49 per hcf
 next 8000 cf 1.54 per hcf
 over 15000 cf 1.59 per hcf

SEWER same as water rates

MWRA services: Sewer
Bill frequency: Semi-annually
Effective date: 6/1/89
Lifeline rate: Yes
Family costs: \$208.80 water, \$208.80 sewer
\$417.60 combined
Cost increase: 3.2% (compared to 1988 adjusted rate)

BEDFORD

WATER 1st 2000 cf \$0.90 per hcf
 over 2000 cf 2.30 per hcf

SEWER 1st 2500 cf \$1.00 per hcf
 over 2500 cf 2.20 per hcf

MWRA services: Sewer and Emergency Water Supply
Bill frequency: Semi-annually
Effective date: 7/1/89
Lifeline rate: No
Family costs: \$220.00 water, \$204.00 sewer
\$424.00 combined
Cost increase: 10.1%

BELMONT

WATER 1st 800 cf \$9.60
 over 800 cf \$1.35 per hcf

SEWER \$3.00 per hcf

MWRA services: Water and Sewer
Bill frequency: Quarterly
Effective date: 4/1/89
Lifeline rate: No
Family costs: \$157.20 water, \$360.00 sewer
\$517.20 combined
Cost increase: 34.3%

BOSTON

WATER	1st 19 cf per day	\$1.471 per hcf
	next 20 cf/day	1.473 per hcf
	next 50 cf/day	1.477 per hcf
	next 70 cf/day	1.481 per hcf
	next 190 cf/day	1.485 per hcf
	next 250 cf/day	1.487 per hcf
	next 700 cf/day	1.491 per hcf
	next 1700 cf/day	1.495 per hcf
	next 3000 cf/day	1.498 per hcf
	over 5999 cf/day	1.501 per hcf

SEWER	steps as above	.....\$1.617 per hcf
	.....	1.636 per hcf
	.....	1.655 per hcf
	.....	1.674 per hcf
	.....	1.693 per hcf
	.....	1.712 per hcf
	.....	1.731 per hcf
	.....	1.750 per hcf
	.....	1.769 per hcf
	.....	1.787 per hcf

MWRA services: Water and Sewer
 Bill frequency: Quarterly
 Effective date: 1/1/89
 Lifeline rate: Yes
 Family costs: \$176.62 water, \$195.00 sewer
 \$371.62 combined
 Cost increase: 27.8%

BRAINTREE

WATER \$1.25 per hcf SEWER \$1.25 per hcf

MWRA services: Sewer
 Bill frequency: Quarterly
 Effective date: 1/1/89
 Lifeline rate: No
 Family Costs: \$150.00 water, \$150.00 sewer
 \$300.00 combined
 Cost increase: 11.1%

BROOKLINE

WATER \$1.90 per hcf SEWER \$1.55 per hcf

MWRA services: Water and Sewer
 Bill frequency: Quarterly
 Effective date: 4/1/89
 Lifeline rate: No
 Family costs: \$228.00 water, \$186.00 sewer
 \$414.00 combined
 Cost increase: 27.8%

BURLINGTON

WATER	1st 20000 gal	\$18.80
	next 10000 gal	1.15 per 1000 gal
	next 20000 gal	1.30 per 1000 gal
	next 20000 gal	1.60 per 1000 gal
	over 70000 gal	1.90 per 1000 gal

SEWER 200% of water bill

MWRA services: Sewer
 Bill frequency: Semi-annually
 Effective date: 7/1/89
 Lifeline rate: No
 Family costs: \$99.28 water, \$198.56 sewer
 \$297.84 combined
 Cost increase: 108.8%

BOSTON

WATER	1st 19 cf per day	\$1.471 per hcf
	next 20 cf/day	1.473 per hcf
	next 50 cf/day	1.477 per hcf
	next 70 cf/day	1.481 per hcf
	next 190 cf/day	1.485 per hcf
	next 250 cf/day	1.487 per hcf
	next 700 cf/day	1.491 per hcf
	next 1700 cf/day	1.495 per hcf
	next 3000 cf/day	1.498 per hcf
	over 5999 cf/day	1.501 per hcf

SEWER	steps as above	\$1.617 per hcf
	.....	1.636 per hcf
	.....	1.655 per hcf
	.....	1.674 per hcf
	.....	1.693 per hcf
	.....	1.712 per hcf
	.....	1.731 per hcf
	.....	1.750 per hcf
	.....	1.769 per hcf
	.....	1.787 per hcf

MWRA services: Water and Sewer
 Bill frequency: Quarterly
 Effective date: 1/1/89
 Lifeline rate: Yes
 Family costs: \$176.62 water, \$195.00 sewer
 \$371.62 combined
 Cost increase: 27.8%

BRAINTREE

WATER \$1.25 per hcf SEWER \$1.25 per hcf

MWRA services: Sewer
 Bill frequency: Quarterly
 Effective date: 1/1/89
 Lifeline rate: No
 Family Costs: \$150.00 water, \$150.00 sewer
 \$300.00 combined
 Cost increase: 11.1%

BROOKLINE

WATER \$1.90 per hcf SEWER \$1.55 per hcf

MWRA services: Water and Sewer
 Bill frequency: Quarterly
 Effective date: 4/1/89
 Lifeline rate: No
 Family costs: \$228.00 water, \$186.00 sewer
 \$414.00 combined
 Cost increase: 27.8%

CAMBRIDGE

WATER 1st 4000 cf \$0.80 per hcf
next 36000 cf 0.85 per hcf
next 160000 cf 0.91 per hcf
next 800000 cf 0.97 per hcf
balance 1.04 per hcf

SEWER 1st 4000 cf \$1.34 per hcf
next 36000 cf 1.43 per hcf
next 160000 cf 1.53 per hcf
next 800000 cf 1.65 per hcf
balance 1.75 per hcf

MWRA services: Sewer and Partial Water
Bill frequency: Semi-annually
Effective date: 1989
Lifeline rate: No
Family costs: \$98.00 water, \$164.40 sewer
\$262.40 combined
Cost increase: -1.5%

CANTON

WATER 1st 5200 cf \$1.40 per hcf
next 5600 cf 1.50 per hcf
next 14200 cf 1.61 per hcf
over 25000 cf 1.70 per hcf

SEWER 1st 5200 cf \$1.30 per hcf
next 5600 cf 1.42 per hcf
next 14200 cf 1.54 per hcf
over 25000 cf 1.66 per hcf

MWRA services: Sewer and Partial Water
Bill frequency: Tri-annually
Effective date: 1989
Lifeline rate: No
Family costs: \$168.00 water, \$156.00 sewer
\$324.00 combined
Cost increase: 4.7%

CHELSEA

WATER \$1.15 per hcf SEWER \$1.12 per hcf

MWRA services: Water and Sewer
Bill frequency: Quarterly
Effective date: 7/1/88
Lifeline rate: No
Family costs: \$138.00 water, \$134.40 sewer
\$272.40 combined
Cost increase: 0%

CHICOPEE

WATER 1st 150000 cf \$0.75 per hcf
next 850000 cf 0.33 per hcf
next 4000000 cf 0.20 per hcf
over 5000000 cf 0.15 per hcf
minimum charge \$7.50

SEWER \$0.24 per hcf
minimum charge \$7.00

MWRA services: Water
Bill frequency: Quarterly
Effective date: 10/1/89
Lifeline rate: No
Family costs: \$90.00 water, \$28.80 sewer
\$118.80 combined
Cost increase: 96.7%

BURLINGTON

WATER 1st 20000 gal \$18.80
 next 10000 gal 1.15 per 1000 gal
 next 20000 gal 1.30 per 1000 gal
 next 20000 gal 1.60 per 1000 gal
 over 70000 gal 1.90 per 1000 gal

SEWER 200% of water bill

MWRA services: Sewer
Bill frequency: Semi-annually
Effective date: 7/1/89
Lifeline rate: No
Family costs: \$99.28 water, \$198.56 sewer
 \$297.84 combined
Cost increase: 108.8%

CAMBRIDGE

WATER 1st 4000 cf \$0.80 per hcf
 next 36000 cf 0.85 per hcf
 next 160000 cf 0.91 per hcf
 next 800000 cf 0.97 per hcf
 balance 1.04 per hcf

SEWER 1st 4000 cf \$1.34 per hcf
 next 36000 cf 1.43 per hcf
 next 160000 cf 1.53 per hcf
 next 800000 cf 1.65 per hcf
 balance 1.75 per hcf

MWRA services: Sewer and Partial Water
Bill frequency: Semi-annually
Effective date: 1989
Lifeline rate: No
Family costs: \$98.00 water, \$164.40 sewer
 \$262.40 combined
Cost increase: -1.5%

CANTON

WATER 1st 5200 cf \$1.40 per hcf
 next 5600 cf 1.50 per hcf
 next 14200 cf 1.61 per hcf
 over 25000 cf 1.70 per hcf

SEWER 1st 5200 cf \$1.30 per hcf
 next 5600 cf 1.42 per hcf
 next 14200 cf 1.54 per hcf
 over 25000 cf 1.66 per hcf

MWRA services: Sewer and Partial Water
Bill frequency: Tri-annually
Effective date: 1989
Lifeline rate: No
Family costs: \$168.00 water, \$156.00 sewer
 \$324.00 combined
Cost increase: 4.7%

CLINTON

WATER 1st 5000 cf \$21.50
over 5000 cf 0.43 per hcf

SEWER \$0.33 per hcf

MWRA services: Water
Bill frequency: Semi-annually
Effective date: 1987
Lifeline rate: No
Family costs: \$51.60 water, \$38.70 sewer
\$90.30 combined
Cost increase: 0%

DEDHAM

WATER 1st 500 cf \$24.06
over 500 cf 2.78 per hcf
(Water supplied by Dedham-Westwood Water Co.)

SEWER \$1.61 per hcf

MWRA services: Sewer
Bill frequency: Quarterly
Effective date: 1989
Lifeline rate: No
Family costs: \$374.24 water, \$193.20 sewer
\$567.44 combined
Cost increase: 82.0%

EVERETT

WATER 1st 10000 cf \$1.00 per hcf
over 10000 cf 1.25 per hcf

SEWER 1st 10000 cf \$1.20 per hcf
over 10000 cf 1.50 per hcf

MWRA services: Water and Sewer
Bill frequency: Quarterly
Effective date: 7/1/89
Lifeline rate: Yes
Family costs: \$120.00 water, \$144.00 sewer
\$264.00 combined
Cost increase: 37.5%

FRAMINGHAM

WATER \$1.05 per hcf SEWER \$1.45 per hcf

MWRA services: Water and Sewer
Bill frequency: Tri-annually.
Effective date: 7/1/89
Lifeline rate: Yes
Family costs: \$126.00 water, \$174.00 sewer
\$300.00 combined
Cost increase: 22.0%

HINGHAM

WATER 1st 700 cf \$18.51
next 500 cf 2.117 per hcf
next 1000 cf 1.907 per hcf
next 2000 cf 1.739 per hcf
next 5000 cf 1.363 per hcf
next 5000 cf 1.015 per hcf
balance 0.671 per hcf
(Water supplied by Hingham Water Co.)

SEWER \$165.00 flat fee per unit

MWRA services: Sewer
Bill frequency: Quarterly (water)
Effective date: 1989
Lifeline rate: No
Family costs: \$248.28 water, \$165.00 sewer
\$413.28 combined
Cost increase: 11.7%

HOLBROOK

WATER \$130.00 flat fee per year
SEWER \$204.00 flat fee per year

MWRA services: Sewer
Bill frequency: Semi-annually
Effective date: 7/1/89
Lifeline rate: Yes
Family costs: \$334.00 combined
Cost increase: 20.1%

LEOMINSTER

WATER 1st 9000 cf \$1.00 per hcf
next 991000 cf 0.80 per hcf
over 1000000 cf 0.60 per hcf
SEWER \$0.60 per hcf

MWRA services: Partial Water
Bill frequency: Quarterly
Effective date: 7/1/87
Lifeline rate: No
Family costs: \$120.00 water, \$72.00 sewer
\$192.00 combined
Cost increase: 0%

LEXINGTON

WATER 1st 10000 cf \$0.99 per hcf
next 10000 cf 1.28 per hcf
over 20000 cf 1.33 per hcf
SEWER 1st 10000 cf \$1.08 per hcf
next 10000 cf 1.41 per hcf
over 20000 cf 1.46 per hcf

* If consumption is less than 2000 cf there is a minimum charge of \$7.40 water and \$7.60 sewer.

MWRA services: Water and Sewer
Bill frequency: Semi-annually
Effective date: 7/1/89
Lifeline rate: Yes *
Family costs: \$118.80 water, \$129.60 sewer
\$248.40 combined
Cost increase: 0%

LYNN

WATER \$1.81 per hcf SEWER \$1.95 per hcf

MWRA services: Partial Water
Bill frequency: Quarterly
Effective date: 7/1/89
Lifeline rate: Yes
Family costs: \$217.20 water, \$234.00 sewer
\$451.20 combined
Cost increase: 45.7%

LYNNFIELD WATER DISTRICT

WATER 1st 4000 cf \$60.00
over 4000 cf \$1.10 per hcf
(10% discount on bills paid within 20 days)

MWRA services: Water
Bill frequency: Semi-annually
Effective date: 9/1/87
Lifeline rate: No
Family costs: \$148.00 water
Cost increase: 0%

EVERETT

WATER 1st 10000 cf \$1.00 per hcf
over 10000 cf 1.25 per hcf

SEWER 1st 10000 cf \$1.20 per hcf
over 10000 cf 1.50 per hcf

MWRA services: Water and Sewer
Bill frequency: Quarterly
Effective date: 7/1/89
Lifeline rate: Yes
Family costs: \$120.00 water, \$144.00 sewer
\$264.00 combined
Cost increase: 37.5%

FRAMINGHAM

WATER \$1.05 per hcf SEWER \$1.45 per hcf

MWRA services: Water and Sewer
Bill frequency: Tri-annually.
Effective date: 7/1/89
Lifeline rate: Yes
Family costs: \$126.00 water, \$174.00 sewer
\$300.00 combined
Cost increase: 22.0%

HINGHAM

WATER 1st 700 cf \$18.51
next 500 cf 2.117 per hcf
next 1000 cf 1.907 per hcf
next 2000 cf 1.739 per hcf
next 5000 cf 1.363 per hcf
next 5000 cf 1.015 per hcf
balance 0.671 per hcf
(Water supplied by Hingham Water Co.)

SEWER \$165.00 flat fee per unit

MWRA services: Sewer
Bill frequency: Quarterly (water)
Effective date: 1989
Lifeline rate: No
Family costs: \$248.28 water, \$165.00 sewer
\$413.28 combined
Cost increase: 11.7%

HOLBROOK

WATER \$130.00 flat fee per year

SEWER \$204.00 flat fee per year

MWRA services: Sewer
Bill frequency: Semi-annually
Effective date: 7/1/89
Lifeline rate: Yes
Family costs: \$334.00 combined
Cost increase: 20.1%

MALDEN

WATER 1st 1000 cf \$15.00
next 4000 cf 0.72 per hcf
next 70000 cf 0.83 per hcf
over 75000 cf 1.19 per hcf

SEWER 1st 1000 cf \$10.00
next 4000 cf 1.36 per hcf
next 70000 cf 2.03 per hcf
over 75000 cf 2.21 per hcf

MWRA services: Water and Sewer
Bill frequency: Semi-annually
Effective date: 7/1/88
Lifeline rate: No
Family costs: \$104.20 water, \$169.40 sewer
\$273.60 combined
Cost increase: 0%

MARBLEHEAD

WATER \$1.80 per hcf SEWER \$1.70 per hcf

MWRA services: Water
Bill frequency: Semi-annually
Effective date: 7/1/89
Lifeline rate: No
Family costs: \$216.00 water, \$204.00 sewer
\$420.00 combined
Cost increase: 25%

MARLBOROUGH

WATER \$1.20 per hcf SEWER \$1.20 per hcf

MWRA services: Partial Water
Bill frequency: Quarterly
Effective date: 7/1/89
Lifeline rate: No
Family costs: \$144.00 water, \$144.00 sewer
\$288.00 combined
Cost increase: 9.1%

MEDFORD

WATER \$0.78 per hcf, plus 50% surcharge for MWRA costs
SEWER \$0.592 per hcf, plus 120% surcharge for MWRA costs

MWRA services: Water and Sewer
Bill frequency: Semi-annually
Effective date:
Lifeline rate: No
Family costs: \$140.40 water, \$156.28 sewer
\$296.68 combined
Cost increase: 0%

MELROSE

WATER 1st 5000 cf \$0.90 per hcf
next 5000 cf 1.01 per hcf
next 5000 cf 1.12 per hcf
over 15000 cf 1.17 per hcf

SEWER \$1.54 per hcf based on 90% of water consumption

MWRA services: Water and Sewer
Bill frequency: Semi-annually
Effective date: 7/1/89
Lifeline rate: Yes
Family costs: \$110.20 water, \$166.32 sewer
\$276.52 combined
Cost increase: 23.1%

LEOMINSTER

WATER 1st 9000 cf \$1.00 per hcf
next 991000 cf 0.80 per hcf
over 1000000 cf 0.60 per hcf

SEWER \$0.60 per hcf

MWRA services: Partial Water
Bill frequency: Quarterly
Effective date: 7/1/87
Lifeline rate: No
Family costs: \$120.00 water, \$72.00 sewer
\$192.00 combined
Cost increase: 0%

LEXINGTON

WATER 1st 10000 cf \$0.99 per hcf
next 10000 cf 1.28 per hcf
over 20000 cf 1.33 per hcf

SEWER 1st 10000 cf \$1.08 per hcf
next 10000 cf 1.41 per hcf
over 20000 cf 1.46 per hcf

* If consumption is less than 2000 cf there is a minimum charge of \$7.40 water and \$7.60 sewer.

MWRA services: Water and Sewer
Bill frequency: Semi-annually
Effective date: 7/1/89
Lifeline rate: Yes *
Family costs: \$118.80 water, \$129.60 sewer
\$248.40 combined
Cost increase: 0%

LYNN

WATER \$1.81 per hcf SEWER \$1.95 per hcf

MWRA services: Partial Water
Bill frequency: Quarterly
Effective date: 7/1/89
Lifeline rate: Yes
Family costs: \$217.20 water, \$234.00 sewer
\$451.20 combined
Cost increase: 45.7%

LYNNFIELD WATER DISTRICT

WATER 1st 4000 cf \$60.00
over 4000 cf \$1.10 per hcf

10% discount on bills paid within 20 days

MWRA services: Water
Bill frequency: Semi-annually
Effective date: 9/1/87
Lifeline rate: No

MILTON

WATER 1st 1200 cf \$12.00
over 1200 cf 1.65 per hcf

SEWER 1st 1200 cf \$12.00
over 1200 cf 2.05 per hcf

MWRA services: Water and Sewer
Bill frequency: Semi-annually
Effective date: 7/1/89
Lifeline rate: No
Family costs: \$182.40 water, \$220.80 sewer
\$403.20 combined
Cost increase: 21.7

NAHANT

WATER \$2.10 per hcf SEWER \$2.40 per hcf

MWRA services: Water
Bill frequency: Semi-annually
Effective date: 10/1/88
Lifeline rate: No
Family costs: \$252.00 water, \$288.00 sewer
\$540.00 combined
Cost increase: 0%

NATICK

WATER \$1.05 per hcf SEWER \$2.35 per hcf

MWRA services: Sewer
Bill frequency: Quarterly
Effective date: 7/1/89
Lifeline rate: No
Family costs: \$126.00 water, \$282.00 sewer
\$408.00 combined
Cost increase: 59.6%

NEEDHAM

WATER \$0.72 per hcf SEWER \$1.50 per hcf

MWRA services: Sewer and Partial Water
Bill frequency: Quarterly
Effective date: 7/1/89
Lifeline rate: No
Family costs: \$86.40 water, \$180.00 sewer
\$266.40 combined
Cost increase: 22.0%

NEWTON

WATER 1st 4000 cf \$1.04 per hcf
next 4000 cf \$1.23 per hcf
over 8000 cf \$1.42 per hcf

SEWER same as water rates

MWRA services: Water and Sewer
Bill frequency: Semi-annually
Effective date: 1/1/88
Lifeline rate: Yes
Family costs: \$132.40 water, \$132.40 sewer
\$264.80 combined
Cost increase: 0%

NORTHBOROUGH

WATER \$1.00 per hcf SEWER \$1.00 per hcf

MWRA services: Partial Water
Bill frequency: Semi-annually.
Effective date: 4/1/89
Lifeline rate: Yes
Family costs: \$120.00 water, \$120.00 sewer
\$240.00 combined
Cost increase: 33.3%

MALDEN

WATER 1st 1000 cf \$15.00
next 4000 cf 0.72 per hcf
next 70000 cf 0.83 per hcf
over 75000 cf 1.19 per hcf

SEWER 1st 1000 cf \$10.00
next 4000 cf 1.36 per hcf
next 70000 cf 2.03 per hcf
over 75000 cf 2.21 per hcf

MWRA services: Water and Sewer
Bill frequency: Semi-annually
Effective date: 7/1/88
Lifeline rate: No
Family costs: \$104.20 water, \$169.40 sewer
\$273.60 combined
Cost increase: 0%

MARBLEHEAD

WATER \$1.80 per hcf SEWER \$1.70 per hcf

MWRA services: Water
Bill frequency: Semi-annually
Effective date: 7/1/89
Lifeline rate: No
Family costs: \$216.00 water, \$204.00 sewer
\$420.00 combined
Cost increase: 25%

MARLBOROUGH

WATER \$1.20 per hcf SEWER \$1.20 per hcf

MWRA services: Partial Water
Bill frequency: Quarterly
Effective date: 7/1/89
Lifeline rate: No
Family costs: \$144.00 water, \$144.00 sewer
\$288.00 combined
Cost increase: 9.1%

MEDFORD

WATER \$0.78 per hcf, plus 50% surcharge for MWRA costs

SEWER \$0.592 per hcf, plus 120% surcharge for MWRA costs

MWRA services: Water and Sewer
Bill frequency: Semi-annually
Effective date:
Lifeline rate: No
Family costs: \$140.40 water, \$156.28 sewer
\$296.68 combined
Cost increase: 0%

NORWOOD

WATER 1st 1000 cf \$1.01 per hcf
over 1000 cf 1.13 per hcf
minimum charge \$5.05

SEWER 1st 600 cf \$2.09 per hcf
over 600 cf 2.48 per hcf
based on 60% of water consumption

MWRA services: Water and Sewer
Bill frequency: Bi-monthly
Effective date: 8/1/89
Lifeline rate: No
Family costs: \$128.40 water, \$164.52 sewer
\$292.92
Cost increase: 20.7%

PEABODY

WATER \$0.81 per hcf SEWER \$0.98 per hcf

MWRA services: Partial Water
Bill frequency: Quarterly
Effective date: 1984
Lifeline rate: No
Family costs: \$97.20 water, \$117.60 sewer
\$214.80 combined
Cost increase: 0%

QUINCY

WATER 1st 1900 cf \$21.00
next 6600 cf 1.10 per hcf
next 25000 cf 1.15 per hcf
next 25000 cf 1.18 per hcf
next 25000 cf 1.21 per hcf
next 25000 cf 1.24 per hcf
next 50000 cf 1.27 per hcf
next 50000 cf 1.33 per hcf
next 100000 cf 1.36 per hcf
balance 1.39 per hcf

SEWER no residential user fees

MWRA services: Water and Sewer
Bill frequency: Semi-annually
Effective date: 7/1/89
Lifeline rate: No
Family costs: \$132.20 water
Cost increase: 5.9%

RANDOLPH

WATER \$1.00 per hcf SEWER \$160.00 per year

MWRA services: Sewer
Bill frequency: Semi-annually
Effective date: 7/1/89
Lifeline rate: No
Family costs: \$120.00 water, \$160.00 sewer
\$280.00 combined
Cost increase: 42.9%

READING

WATER \$2.50 per hcf SEWER \$3.09 per hcf

MWRA services: Sewer
Bill frequency: Quarterly
Effective date: 4/1/88
Lifeline rate: No
Family costs: \$300.00 water, \$370.80 sewer
\$670.80 combined
Cost increase: 3.9%

MELROSE

WATER 1st 5000 cf \$0.90 per hcf
next 5000 cf 1.01 per hcf
next 5000 cf 1.12 per hcf
over 15000 cf 1.17 per hcf

SEWER \$1.54 per hcf based on 90% of water consumption

MWRA services: Water and Sewer
Bill frequency: Semi-annually
Effective date: 7/1/89
Lifeline rate: Yes
Family costs: \$110.20 water, \$166.32 sewer
\$276.52 combined
Cost increase: 23.1%

MILTON

WATER 1st 1200 cf \$12.00
over 1200 cf 1.65 per hcf

SEWER 1st 1200 cf \$12.00
over 1200 cf 2.05 per hcf

MWRA services: Water and Sewer
Bill frequency: Semi-annually
Effective date: 7/1/89
Lifeline rate: No
Family costs: \$182.40 water, \$220.80 sewer
\$403.20 combined
Cost increase: 21.7

NAHANT

WATER \$2.10 per hcf SEWER \$2.40 per hcf

MWRA services: Water
Bill frequency: Semi-annually
Effective date: 10/1/88
Lifeline rate: No
Family costs: \$252.00 water, \$288.00 sewer
\$540.00 combined
Cost increase: 0%

NATICK

WATER \$1.05 per hcf SEWER \$2.35 per hcf

MWRA services: Sewer
Bill frequency: Quarterly
Effective date: 7/1/89
Lifeline rate: No
Family costs: \$126.00 water, \$282.00 sewer
\$408.00 combined
Cost increase: 59.6%

REVERE

WATER \$0.80 per hcf SEWER \$2.30 per hcf

MWRA services: Water and Sewer
Bill frequency: Semi-annually
Effective date: 7/1/89
Lifeline rate: No
Family costs: \$96.00 water, \$276.00 sewer
 \$372.00 combined
Cost increase: 27.6%

SAUGUS

WATER 1st 3000 cf \$0.80 per hcf
 next 7000 cf 1.15 per hcf
 next 10000 cf 1.20 per hcf
 next 30000 cf 1.30 per hcf
 next 50000 cf 1.40 per hcf

SEWER 1st 3000 cf \$1.20 per hcf
 next 7000 cf 1.40 per hcf
 next 10000 cf 1.60 per hcf
 next 30000 cf 1.80 per hcf
 next 50000 cf 2.00 per hcf

MWRA services: Water
Bill frequency: Semi-annually
Effective date: 10/1/89
Lifeline rate: No
Family costs: \$117.00 water, \$156.00 sewer
 \$273.00 combined
Cost increase: 13.8%

SOMERVILLE

WATER 1st 5000 cf \$1.23 per hcf
 next 5000 cf 1.28 per hcf
 over 10000 cf 1.33 per hcf

SEWER 1st 5000 cf \$0.92 per hcf
 next 5000 cf 0.97 per hcf
 over 10000 cf 1.02 per hcf

MWRA services: Water and Sewer
Bill frequency: Quarterly
Effective date: 7/1/89
Lifeline rate: No
Family costs: \$147.60 water, \$110.40 sewer
 \$258.00 combined
Cost increase: 10.3%

SOUTH HADLEY FIRE DISTRICT #1

WATER 1st 1200 cf \$10.00
 next 2800 cf \$0.70 per hcf
 over 4000 cf \$0.54 per hcf

MWRA services: Water
Bill frequency: Quarterly
Effective date: 7/1/89
Lifeline rate: No
Family costs: \$90.40 water
Cost increase: 18.9%

SOUTHBOROUGH

WATER \$1.817 per hcf

MWRA services: Water
Bill frequency: Quarterly
Effective date: 4/1/88
Lifeline rate: No
Family costs: \$218.04 water
Cost increase: 0%

STONEHAM

WATER \$1.17 per hcf SEWER \$2.14 per hcf

MWRA services: Water and Sewer
Bill frequency: Quarterly
Effective date: 7/1/89
Lifeline rate: No
Family costs: \$140.40 water, \$256.80 sewer
 \$397.20 combined
Cost increase: 17.8%

STOUGHTON

WATER 1st 1000 cf \$26.45
 next 1000 cf 1.06 per hcf
 next 3200 cf 1.20 per hcf
 next 6600 cf 1.32 per hcf
 next 6600 cf 1.45 per hcf
 next 6600 cf 1.59 per hcf
 next 25000 cf 1.73 per hcf
 next 50000 cf 1.85 per hcf
 balance 2.19 per hcf

SEWER \$3.42 per hcf
 minimum charge \$53.30

MWRA services: Sewer
Bill frequency: Semi-annually
Effective date: 7/1/89
Lifeline rate: No
Family costs: \$172.02 water, \$410.40 sewer
 \$582.42 combined
Cost increase: 81.1%

SWAMPSCOTT

WATER \$1.51 per hcf SEWER \$0.64 per hcf

MWRA services: Water
Bill frequency: Semi-annually
Effective date: 7/1/89
Lifeline rate: No
Family costs: \$181.20 water, 76.80 sewer
 \$258.00 combined
Cost increase: 72.0%

WAKEFIELD

WATER \$1.25 per hcf SEWER \$2.30 per hcf

MWRA services: Sewer and Partial Water
Bill frequency: Quarterly
Effective date: 7/1/89
Lifeline rate: No
Family costs: \$150.00 water, 276.00 sewer
 \$426.00 combined
Cost increase: 31.5%

WALPOLE

WATER \$1.55 per hcf

SEWER \$1.60 per hcf, based on 80% of water consumption

MWRA services: Sewer
Bill frequency: Quarterly
Effective date: 7/1/89
Lifeline rate: No
Family costs: \$186.00 water, \$153.60 sewer
 \$339.60 combined
Cost increase: 8.4%

PEABODY

WATER \$0.81 per hcf SEWER \$0.98 per hcf

MWRA services: Partial Water
Bill frequency: Quarterly
Effective date: 1984
Lifeline rate: No
Family costs: \$97.20 water, \$117.60 sewer
\$214.80 combined
Cost increase: 0%

QUINCY

WATER 1st 1900 cf \$21.00
 next 6600 cf 1.10 per hcf
 next 25000 cf 1.15 per hcf
 next 25000 cf 1.18 per hcf
 next 25000 cf 1.21 per hcf
 next 25000 cf 1.24 per hcf
 next 50000 cf 1.27 per hcf
 next 50000 cf 1.33 per hcf
 next 100000 cf 1.36 per hcf
 balance 1.39 per hcf

SEWER no residential use fees

MWRA services: Water and Sewer
Bill frequency: Semi-annually
Effective date: 7/1/89
Lifeline rate: No
Family costs: \$132.20 water
Cost increase: 5.9%

RANDOLPH

WATER \$1.00 per hcf SEWER \$160.00 per year

MWRA services: Sewer
Bill frequency: Semi-annually
Effective date: 7/1/89
Lifeline rate: No
Family costs: \$120.00 water, \$160.00 sewer
\$280.00 combined
Cost increase: 42.9%

READING

WATER \$2.50 per hcf SEWER \$3.09 per hcf

MWRA services: Sewer
Bill frequency: Quarterly
Effective date: 4/1/88
Lifeline rate: No
Family costs: \$300.00 water, \$370.80 sewer
\$670.80 combined
Cost increase: 3.9%

WALTHAM

WATER 1st 1500 cf per month \$1.00 per hcf
next 2500 cf/month 1.20 per hcf
over 4000 cf/month 1.40 per hcf
minimum charge \$10.00 per bill

SEWER 1st 1500 cf/month \$1.35 per hcf
next 2500 cf/month 1.40 per hcf
over 4000 cf/month 1.45 per hcf

MWRA services: Water and Sewer
Bill frequency: Quarterly
Effective date: 7/1/89
Lifeline rate: No
Family costs: \$120.00 water, \$162.00 sewer
\$282.00 combined
Cost increase: 0%

WATERTOWN

WATER 1st 2500 cf \$16.00
over 2500 cf \$1.32 per hcf

SEWER \$1.92 per hcf, based on 85% of water consumption

MWRA services: Water and Sewer
Bill frequency: Semi-annually
Effective date: 7/1/89
Lifeline rate: No
Family costs: \$124.40 water, \$195.84 sewer
\$320.24 combined
Cost increase: 19.8%

WELLESLEY

WATER base charge \$3.45
1st 2500 cf 1.30 per hcf
(over 2500 cf 2.15 per hcf)

(stepped rate applies only during 4 summer months)

SEWER base charge \$3.00
usage 2.10 per hcf

MWRA services: Sewer and Partial Water
Bill frequency: Bi-monthly
Effective date: 8/1/89
Lifeline rate: No
Family costs: \$176.70 water, \$270.00 sewer
\$446.70 combined
Cost increase: 41.2%

WESTON

WATER \$0.57 per hcf

MWRA services: Water
Bill frequency: Semi-annually
Effective date: 1974
Lifeline rate: No
Family costs: \$68.40 water
Cost increase: 0%

REVERE

WATER \$0.80 per hcf SEWER \$2.30 per hcf

MWRA services: Water and Sewer
Bill frequency: Semi-annually
Effective date: 7/1/89
Lifeline rate: No
Family costs: \$96.00 water, \$276.00 sewer
\$372.00 combined
Cost increase: 27.6%

SAUGUS

WATER 1st 3000 cf \$0.80 per hcf
 next 7000 cf 1.15 per hcf
 next 10000 cf 1.20 per hcf
 next 30000 cf 1.30 per hcf
 next 50000 cf 1.40 per hcf

SEWER 1st 3000 cf \$1.20 per hcf
 next 7000 cf 1.40 per hcf
 next 10000 cf 1.60 per hcf
 next 30000 cf 1.80 per hcf
 next 50000 cf 2.00 per hcf

MWRA services: Water
Bill frequency: Semi-annually
Effective date: 10/1/89
Lifeline rate: No
Family costs: \$117.00 water, \$156.00 sewer
\$273.00 combined
Cost increase: 13.8%

SOMERVILLE

WATER 1st 5000 cf \$1.23 per hcf
 next 5000 cf 1.28 per hcf
 over 10000 cf 1.33 per hcf

SEWER 1st 5000 cf \$0.92 per hcf
 next 5000 cf 0.97 per hcf
 over 10000 cf 1.02 per hcf

MWRA services: Water and Sewer
Bill frequency: Quarterly
Effective date: 7/1/89
Lifeline rate: No
Family costs: \$147.60 water, \$110.40 sewer
\$258.00 combined
Cost increase: 10.3%

WESTWOOD

WATER 1st 500 cf \$24.06
over 500 cf 2.78 per hcf
(Water supplied by Dedham-Westwood Water Co.)

SEWER \$2.53 per hcf

MWRA services: Sewer
Bill frequency: Quarterly
Effective date: 9/1/89
Lifeline rate: No
Family costs: \$374.24 water, \$303.60 sewer
\$677.84 combined
Cost increase: 34.5%

WEYMOUTH

WATER 1st 200 cf per month \$3.00
next 400 cf/month 1.20 per hcf
next 25000 cf/month 1.25 per hcf
over 25600 cf/month 1.30 per hcf

SEWER 1st 200 cf per month \$3.00
over 200cf/month 1.20 per hcf

MWRA services: Sewer
Bill frequency: Tri-annually
Effective date: 7/1/89
Lifeline rate: Yes
Family costs: \$153.60 water, \$151.20 sewer
\$304.80 combined
Cost increase: 22.7%

WILBRAHAM

WATER 1st 10000 cf \$0.75 per hcf
next 10000 cf \$1.00 per hcf
over 20000 cf \$1.25 per hcf

SEWER \$1.875 per hcf

MWRA services: Water
Bill frequency: Semi-annually
Effective date: 7/1/89
Lifeline rate: No
Family costs: \$90.00 water, \$225.00 sewer
\$315.00 combined
Cost increase: 29.6%

WILMINGTON

WATER \$2.56 per hcf SEWER \$2.06 per hcf

MWRA services: Sewer
Bill frequency: Quarterly
Effective date: 10/1/89
Lifeline rate: No
Family costs: \$307.20 water, \$247.20 sewer
\$554.40 combined
Cost increase: 40.0%

WINCHESTER

WATER 1st 7500 cf \$1.80 per hcf
over 7500 cf 2.16 per hcf

SEWER 1st 7500 cf \$2.11 per hcf
over 7500 cf 2.53 per hcf

MWRA services: Sewer and Partial Water
Bill frequency: Quarterly
Effective date: 1/1/89
Lifeline rate: Yes
Family costs: \$216.00 water, \$253.20 sewer
\$469.20 combined
Cost increase: 29.4%

WINTHROP

WATER \$1.56 per hcf SEWER 120% of water bill

MWRA services: Water and Sewer
Bill frequency: Quarterly
Effective date: 1/1/89
Lifeline rate: No
Family costs: \$187.20 water, \$224.64 sewer
 \$411.84
Cost increase: 23.8%

WOBURN

WATER \$84.00 per year SEWER \$106.00 per year

MWRA services: Sewer and Partial Water
Bill frequency: Semi-annually
Effective date: 7/1/89
Lifeline rate: Yes
Family costs: \$190.00 combined
Cost increase: 25.0%

WORCESTER

WATER \$1.37 per hcf

SEWER \$1.01 per hcf, based on 80% of water consumption

MWRA services: None, but eligible for water
Bill frequency: Semi-annually
Effective date: 7/1/89
Lifeline rate: No
Family costs: \$164.40 water, \$96.96 sewer
 \$261.36 combined
Cost increase: 16.8%

SWAMPSCOTT

WATER \$1.51 per hcf SEWER \$0.64 per hcf

MWRA services: Water
Bill frequency: Semi-annually
Effective date: 7/1/89
Lifeline rate: No
Family costs: \$181.20 water, 76.80 sewer
 \$258.00 combined
Cost increase: 72.0%

WAKEFIELD

WATER \$1.25 per hcf SEWER \$2.30 per hcf

MWRA services: Sewer and Partial Water
Bill frequency: Quarterly
Effective date: 7/1/89
Lifeline rate: No
Family costs: \$150.00 water, 276.00 sewer
 \$426.00 combined
Cost increase: 31.5%

WALPOLE

WATER \$1.55 per hcf

SEWER \$1.60 per hcf, based on 80% of water consumption

MWRA services: Sewer
Bill frequency: Quarterly
Effective date: 7/1/89
Lifeline rate: No
Family costs: \$186.00 water, \$153.60 sewer
 \$339.60 combined
Cost increase: 8.4%

WALTHAM

WATER 1st 1500 cf per month \$1.00 per hcf
 next 2500 cf/month 1.20 per hcf
 over 4000 cf/month 1.40 per hcf
 minimum charge \$10.00 per bill

SEWER 1st 1500 cf/month \$1.35 per hcf
 next 2500 cf/month 1.40 per hcf
 over 4000 cf/month 1.45 per hcf

MWRA services: Water and Sewer
Bill frequency: Quarterly
Effective date: 7/1/89
Lifeline rate: No
Family costs: \$120.00 water, \$162.00 sewer
 \$282.00 combined
Cost increase: 0%