



City of Medina Water Rate Survey

**Prepared by the City of Medina Finance Department
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Summary and Assumptions

The City of Medina Finance Department was asked to prepare this report to assist the City's Utility Rate Review Committee in considering the City of Medina's water rates.

The following entities were contacted and asked to provide comparative rates:

The City of Akron, The City of Barberton, The City of Canton, The City of Cleveland, Medina County, The City of North Ridgeville, The Rural Lorain County Water Authority (RLCWA), The Village of Seville, The City of Sheffield Lake, The City of Wadsworth

Each of the entities uses a different rate structure. Some of these entities bill water usage in hundreds of cubic feet, some in thousands of gallons, and some in thousands of cubic feet. Some entities have a monthly charge or monthly minimum based on meter size. Additionally, some entities bill monthly, some bill bi-monthly, and some bill quarterly. In order to facilitate apples-to-apples comparisons, monthly rates were calculated for common meter sizes and amounts of usage. Those assumptions as used in the following charts are as follows:

For monthly use of less than 3,700 cubic feet:

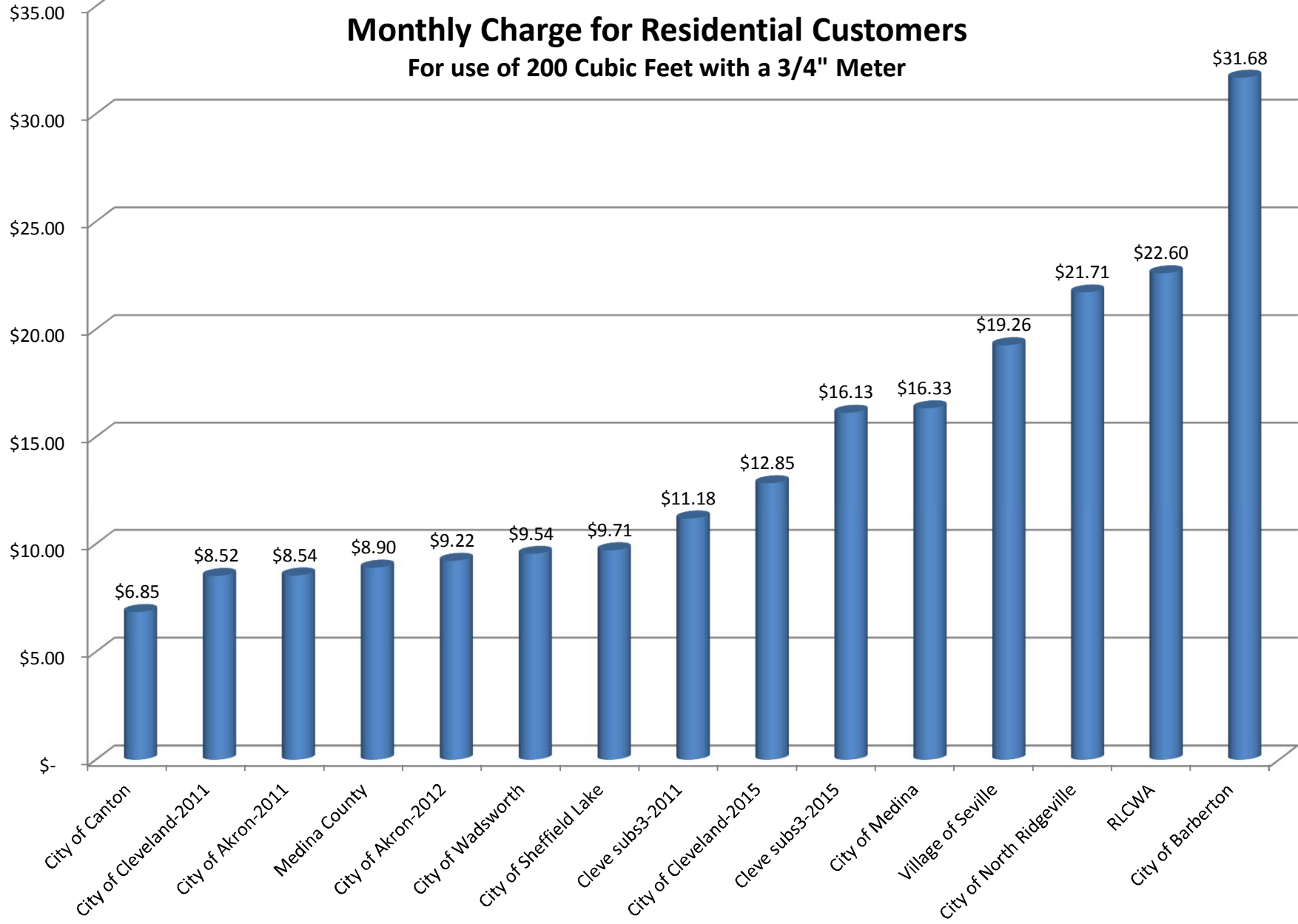
Charges used are based on the rate applicable to residential customers with a $\frac{3}{4}$ " meter and residing within the City except as otherwise noted.

For monthly use of 3,700 cubic feet or more:

Charges used are based on the rate applicable to commercial customers with a 3" meter and located within the City except as otherwise noted.

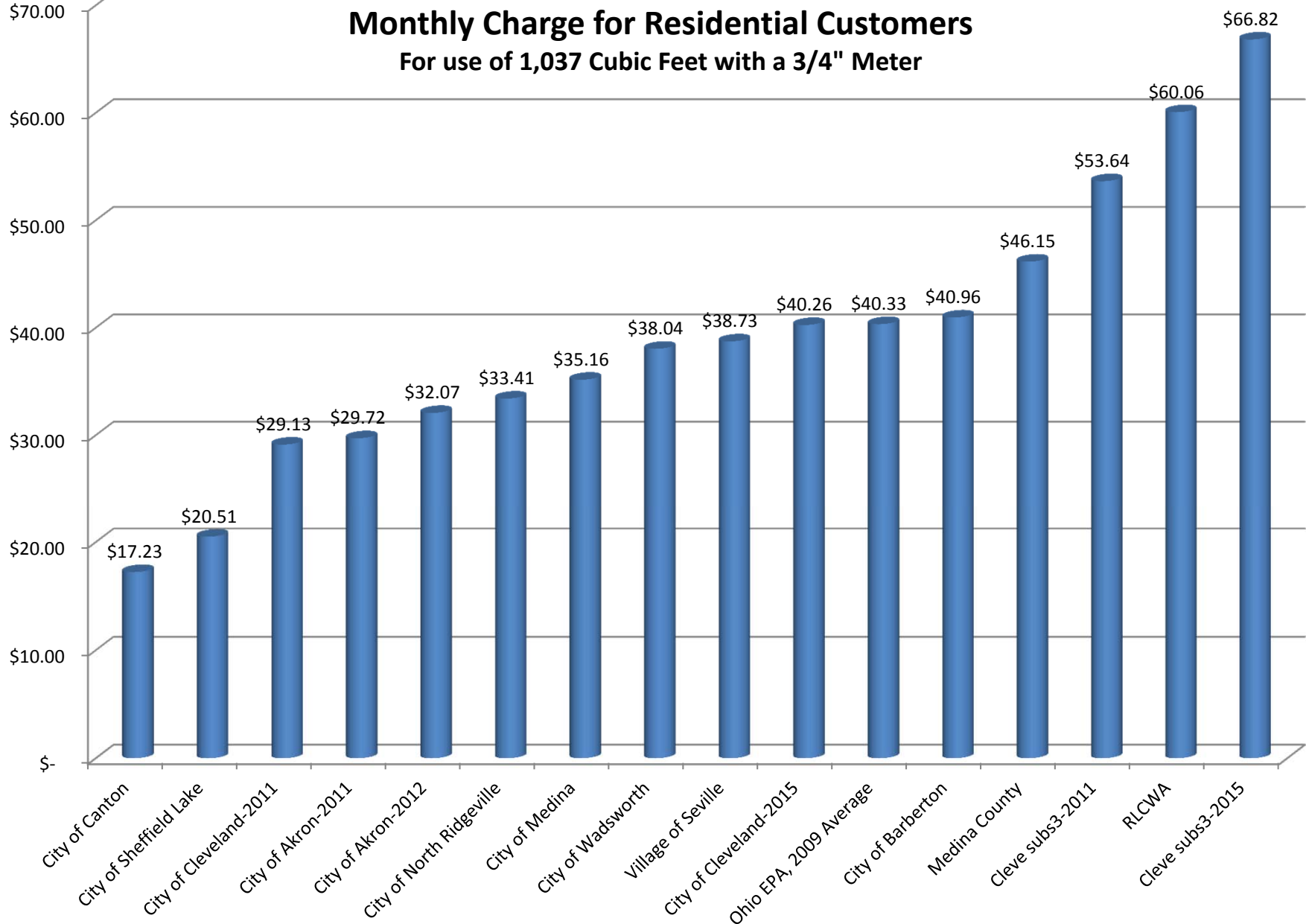
Each of the entities contacted were given copies of the portions of this report relevant to them before this report was released and asked to provide any necessary corrections. Those corrections were incorporated into the final report.

Monthly Charge for Residential Customers For use of 200 Cubic Feet with a 3/4" Meter

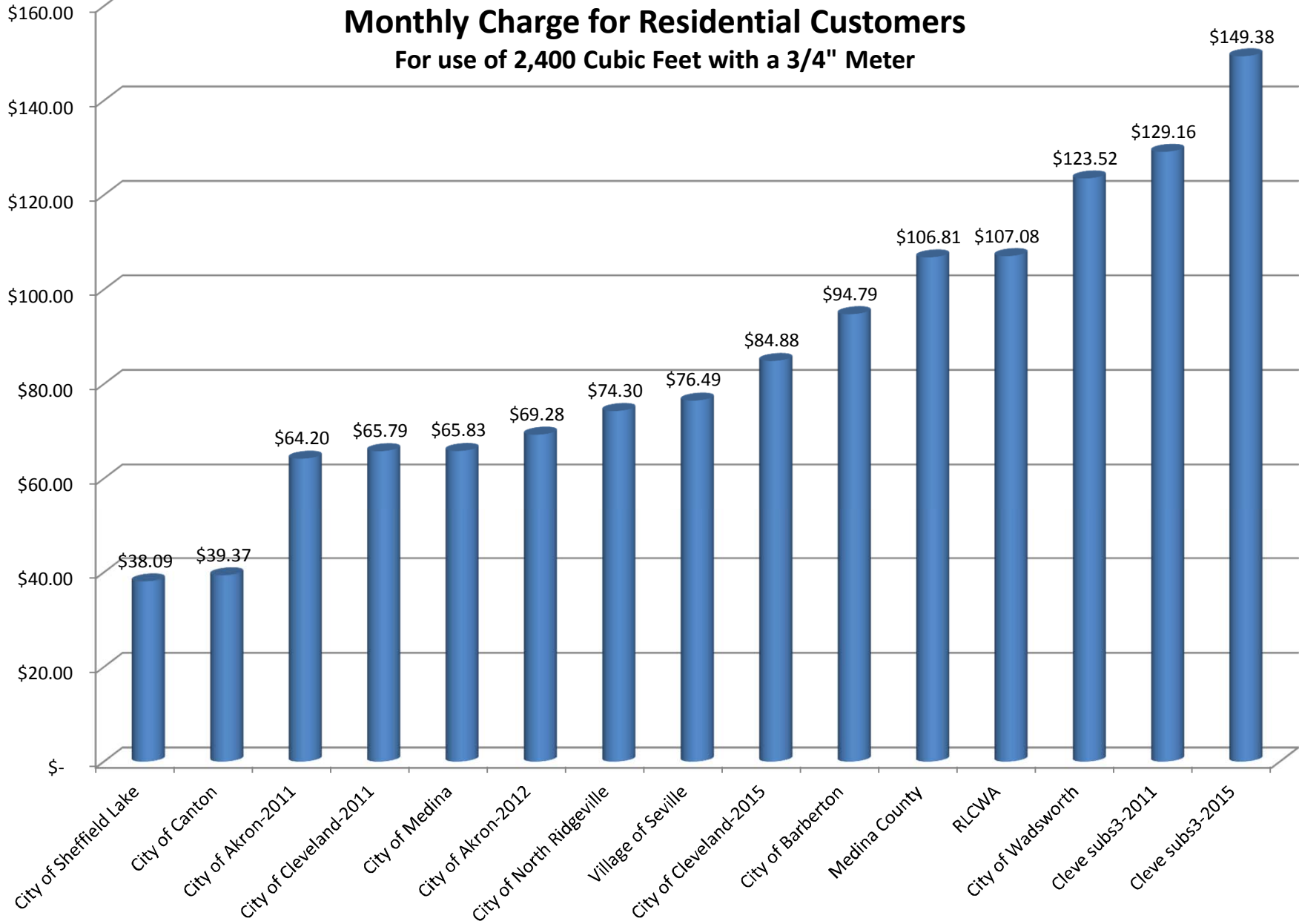


Monthly Charge for Residential Customers

For use of 1,037 Cubic Feet with a 3/4" Meter

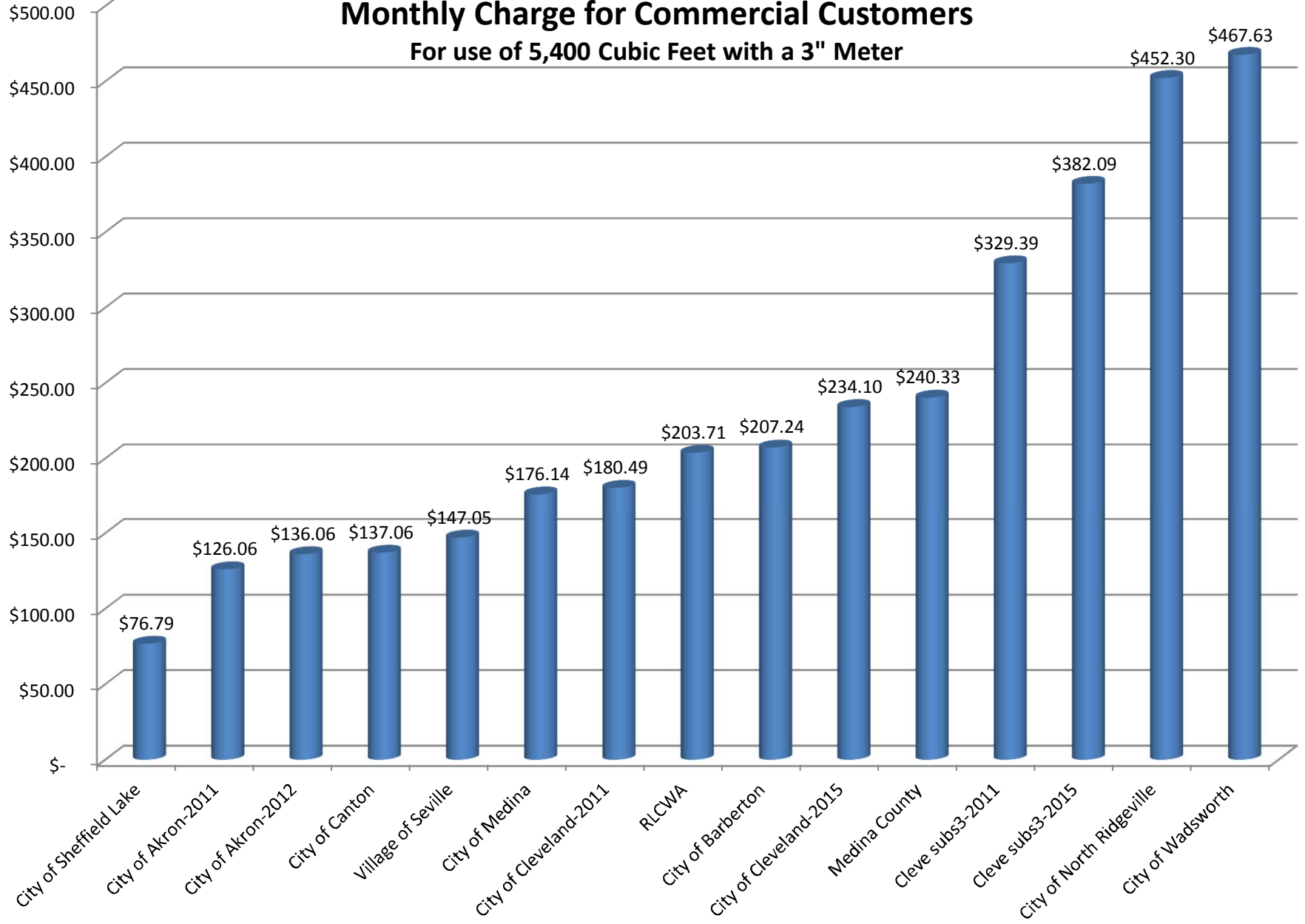


Monthly Charge for Residential Customers For use of 2,400 Cubic Feet with a 3/4" Meter



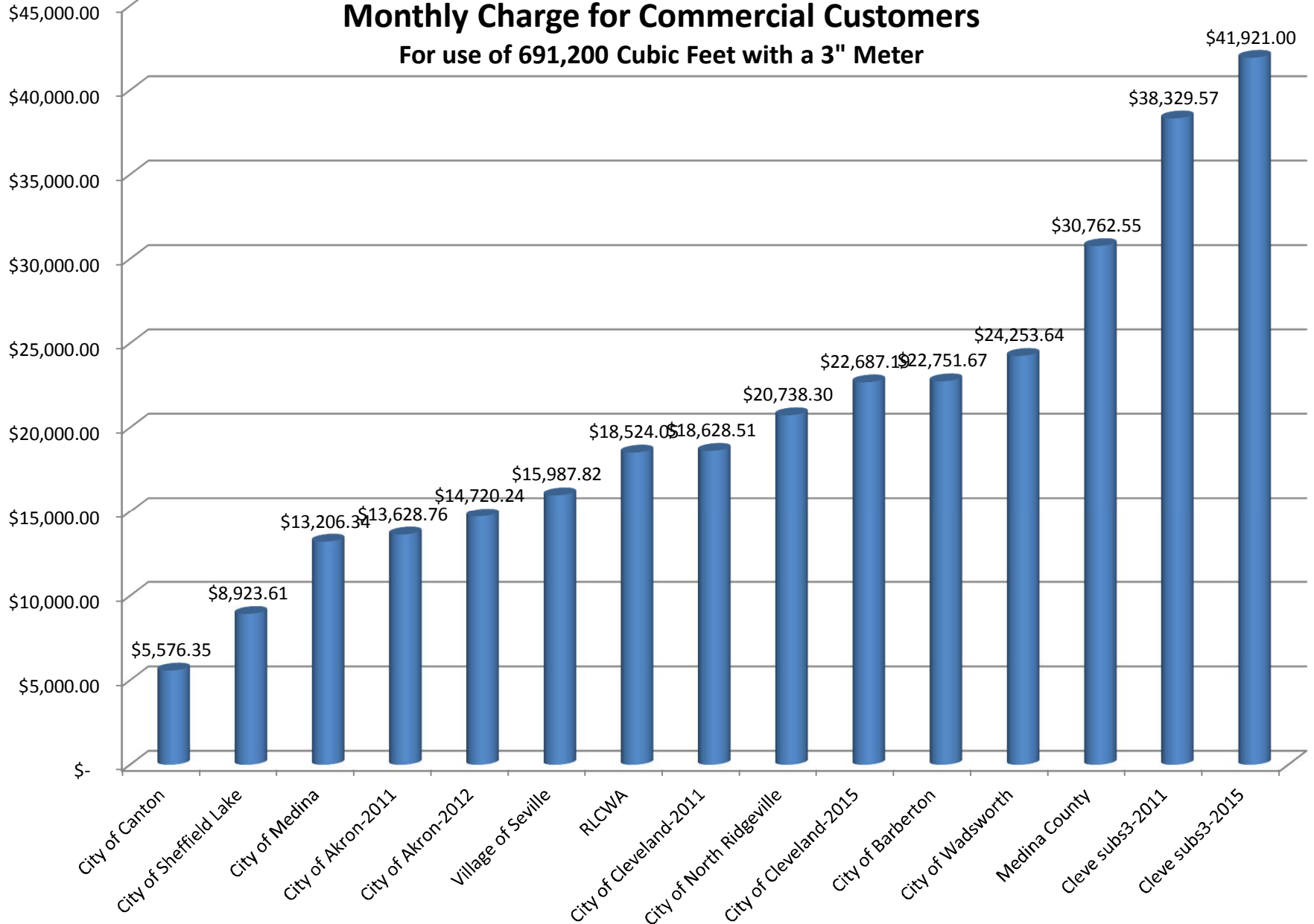
Monthly Charge for Commercial Customers

For use of 5,400 Cubic Feet with a 3" Meter

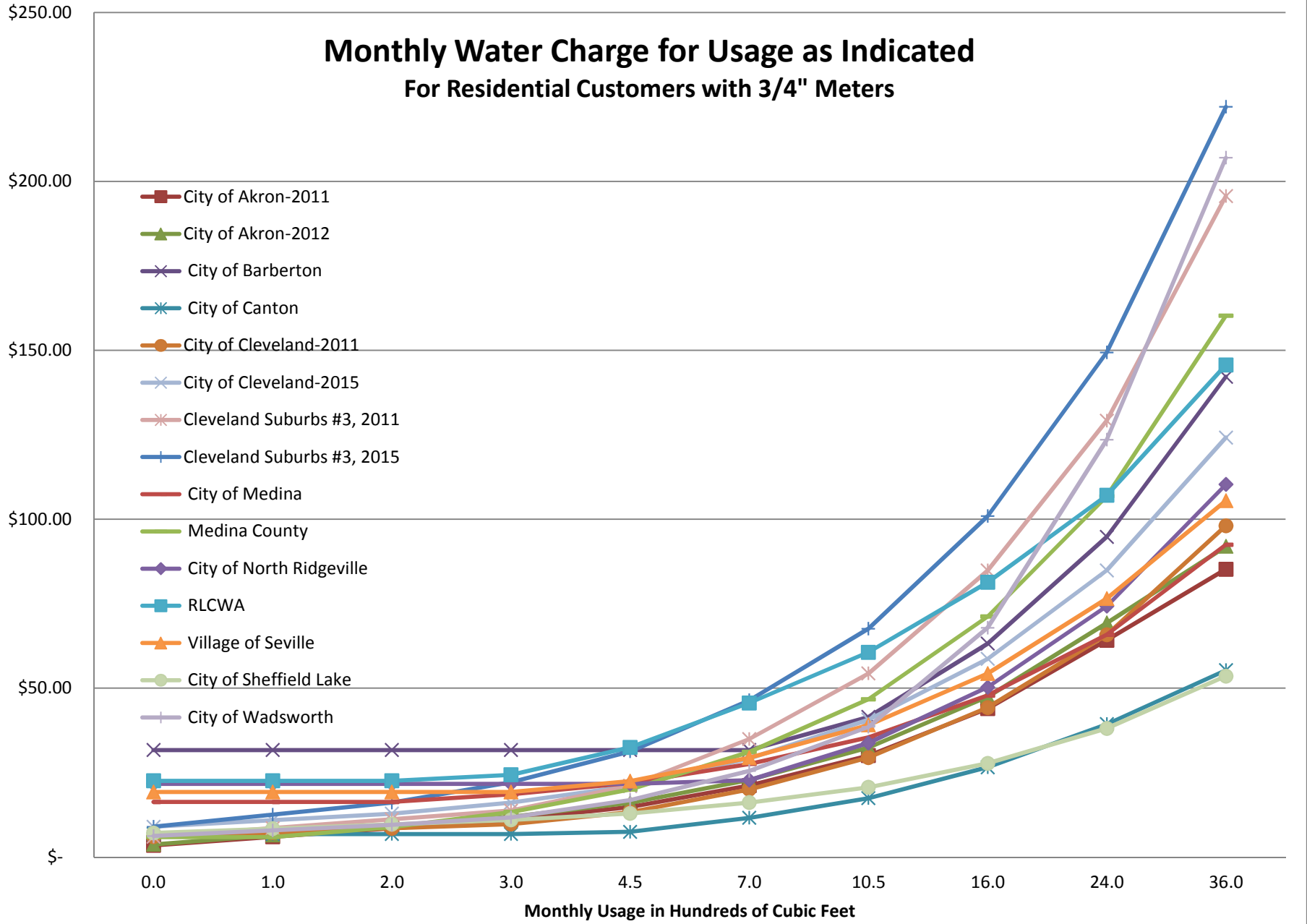


Monthly Charge for Commercial Customers

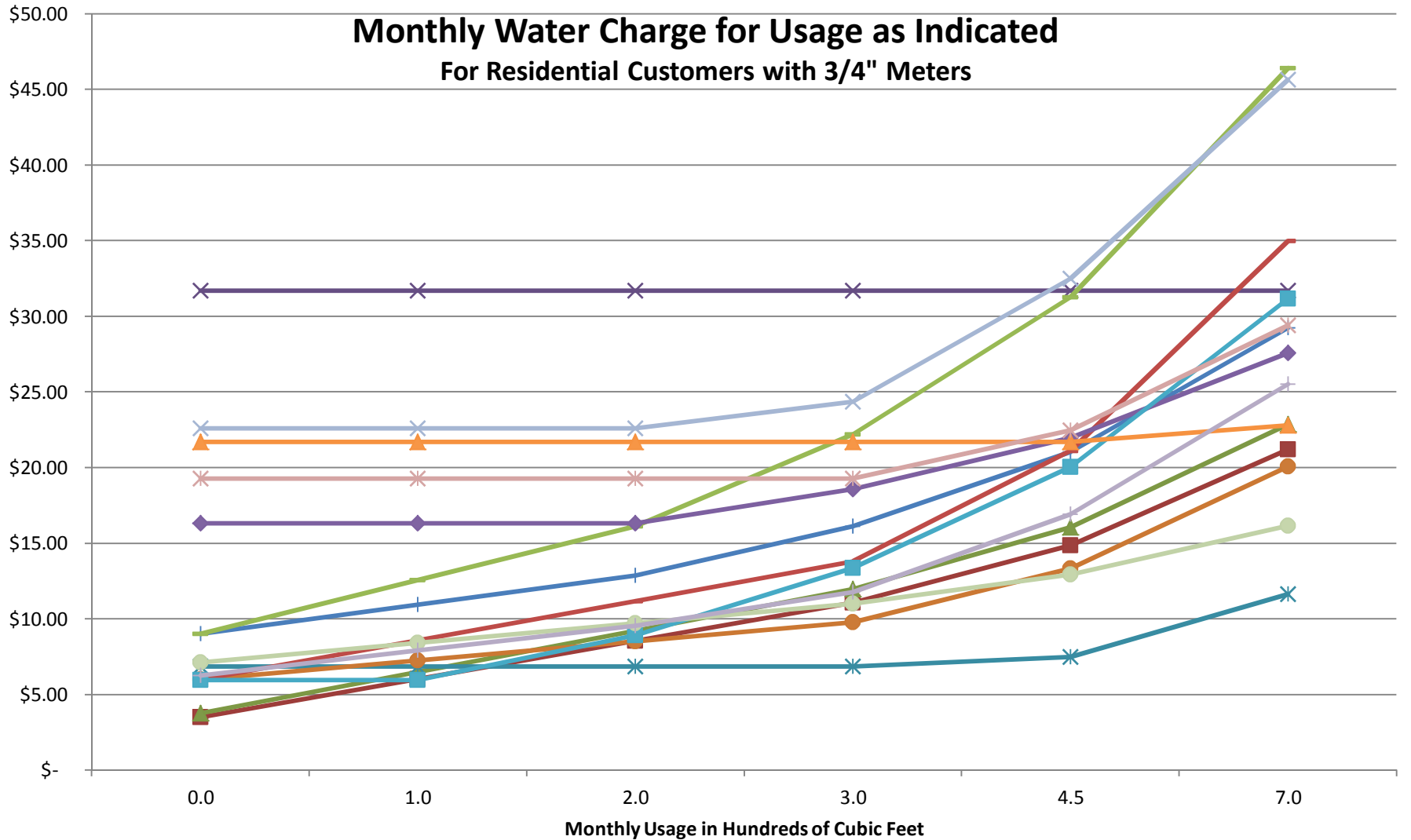
For use of 691,200 Cubic Feet with a 3" Meter



Monthly Water Charge for Usage as Indicated For Residential Customers with 3/4" Meters

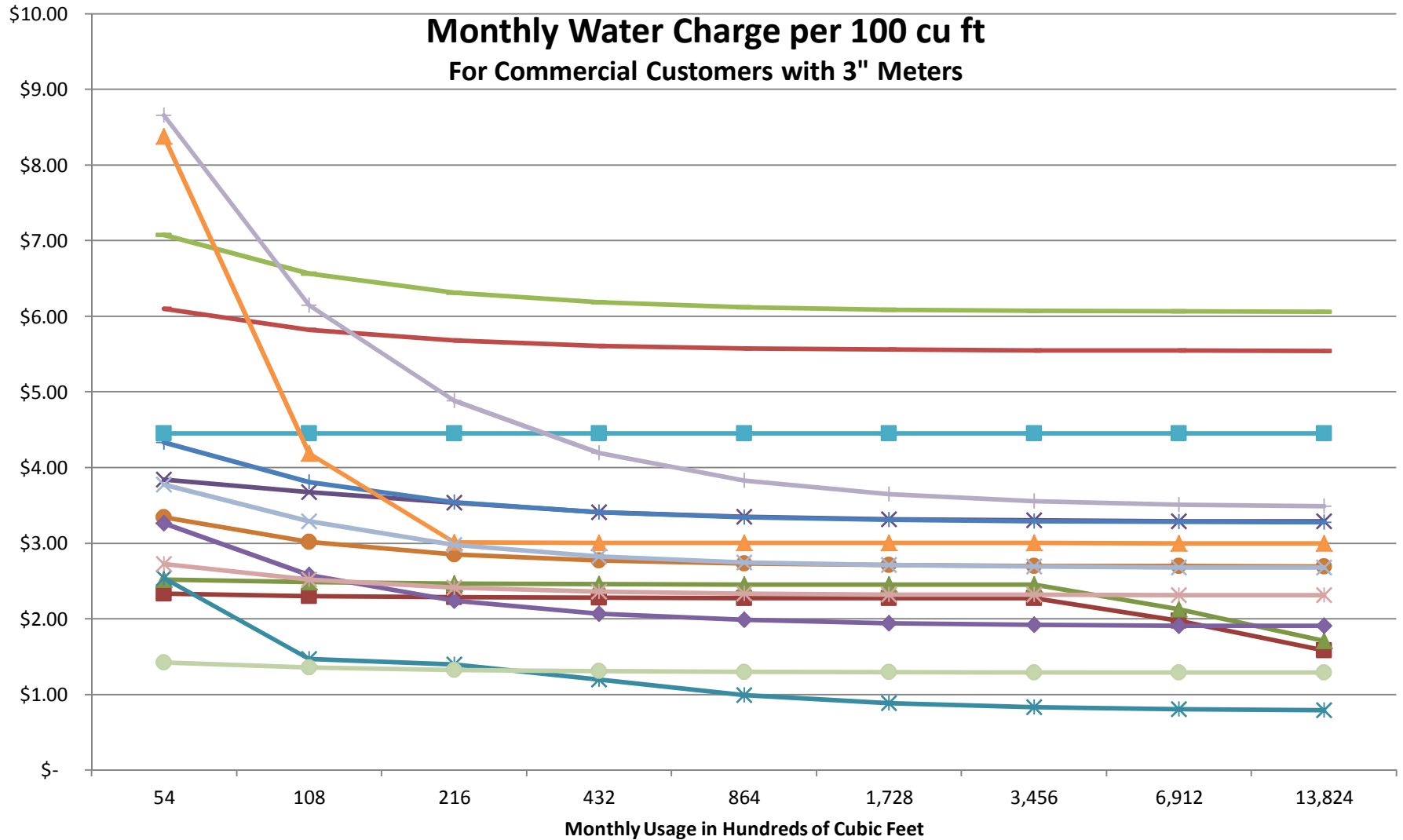


Monthly Water Charge for Usage as Indicated For Residential Customers with 3/4" Meters



- City of Akron-2011
 City of Akron-2012
 City of Barberton
 City of Canton
- City of Cleveland-2011
 City of Cleveland-2015
 Cleveland Suburbs #3, 2011
 Cleveland Suburbs #3, 2015
- City of Medina
 Medina County
 City of North Ridgeville
 RLCWA
- Village of Seville
 City of Sheffield Lake
 City of Wadsworth

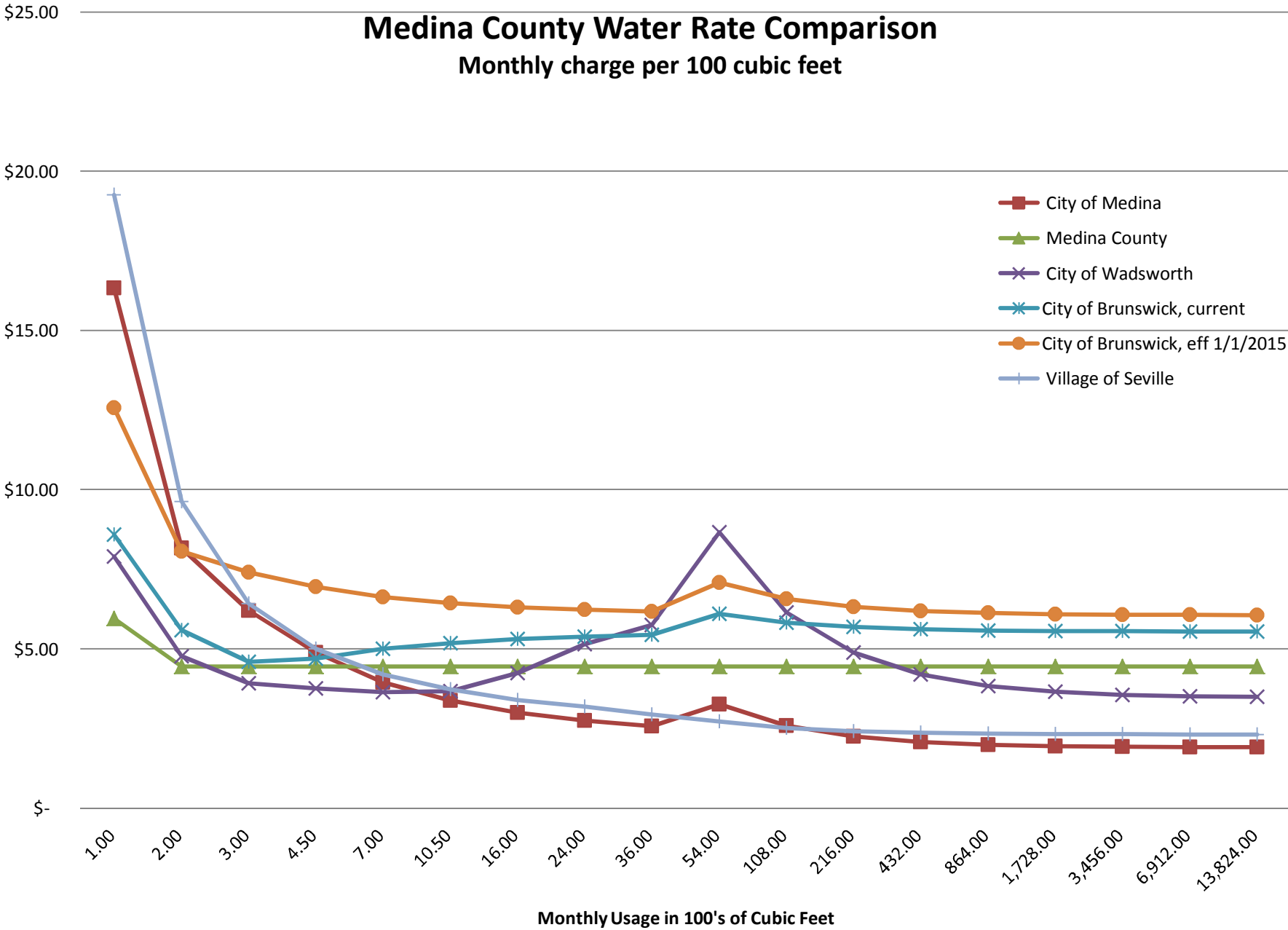
Monthly Water Charge per 100 cu ft For Commercial Customers with 3" Meters



- City of Akron-2011
 City of Akron-2012
 City of Barberton
 City of Canton
- City of Cleveland-2011
 City of Cleveland-2015
 Cleveland Suburbs #3, 2011
 Cleveland Suburbs #3, 2015
- City of Medina
 Medina County
 City of North Ridgeville
 RLCWA
- Village of Seville
 City of Sheffield Lake
 City of Wadsworth

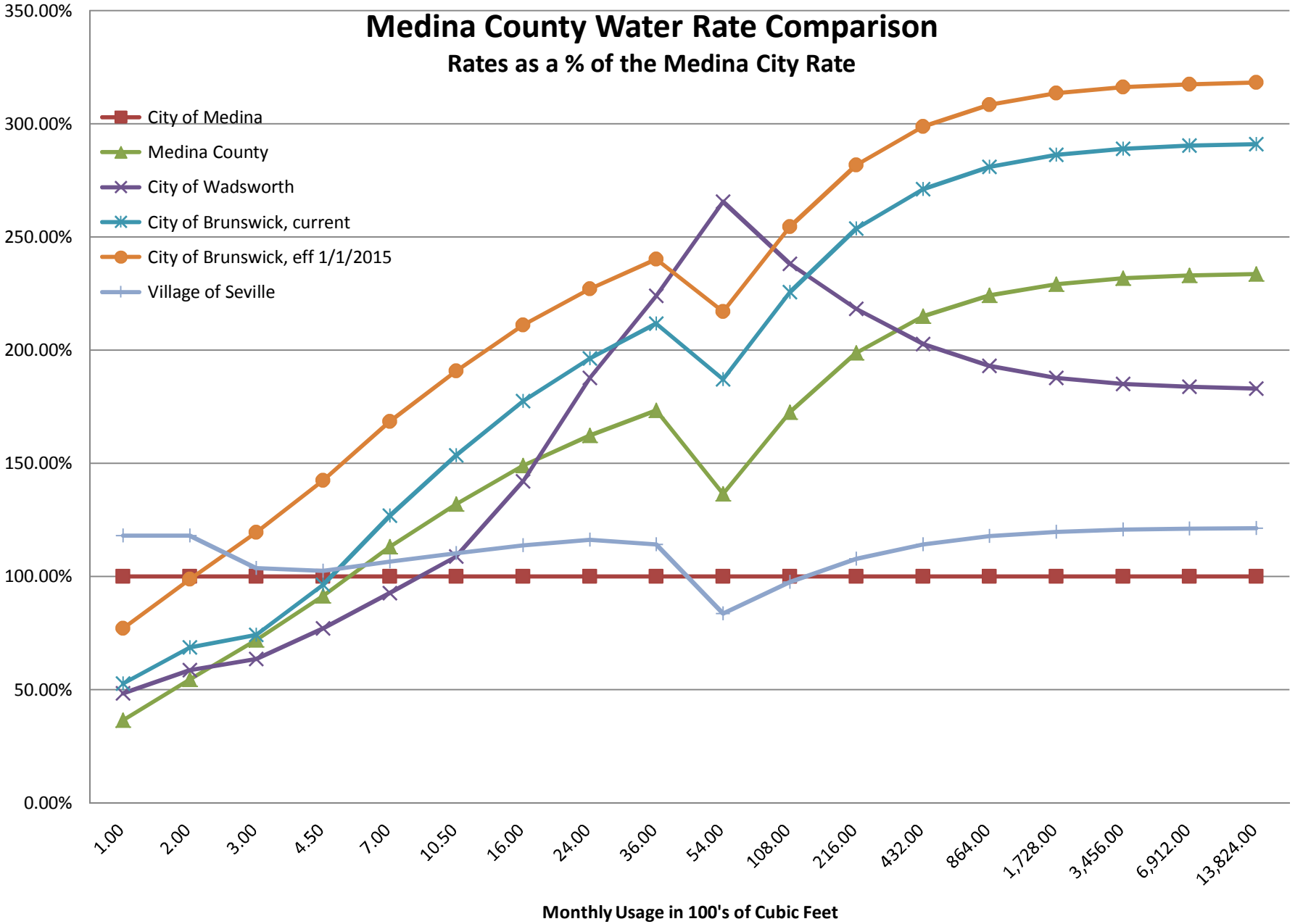
Medina County Water Rate Comparison

Monthly charge per 100 cubic feet

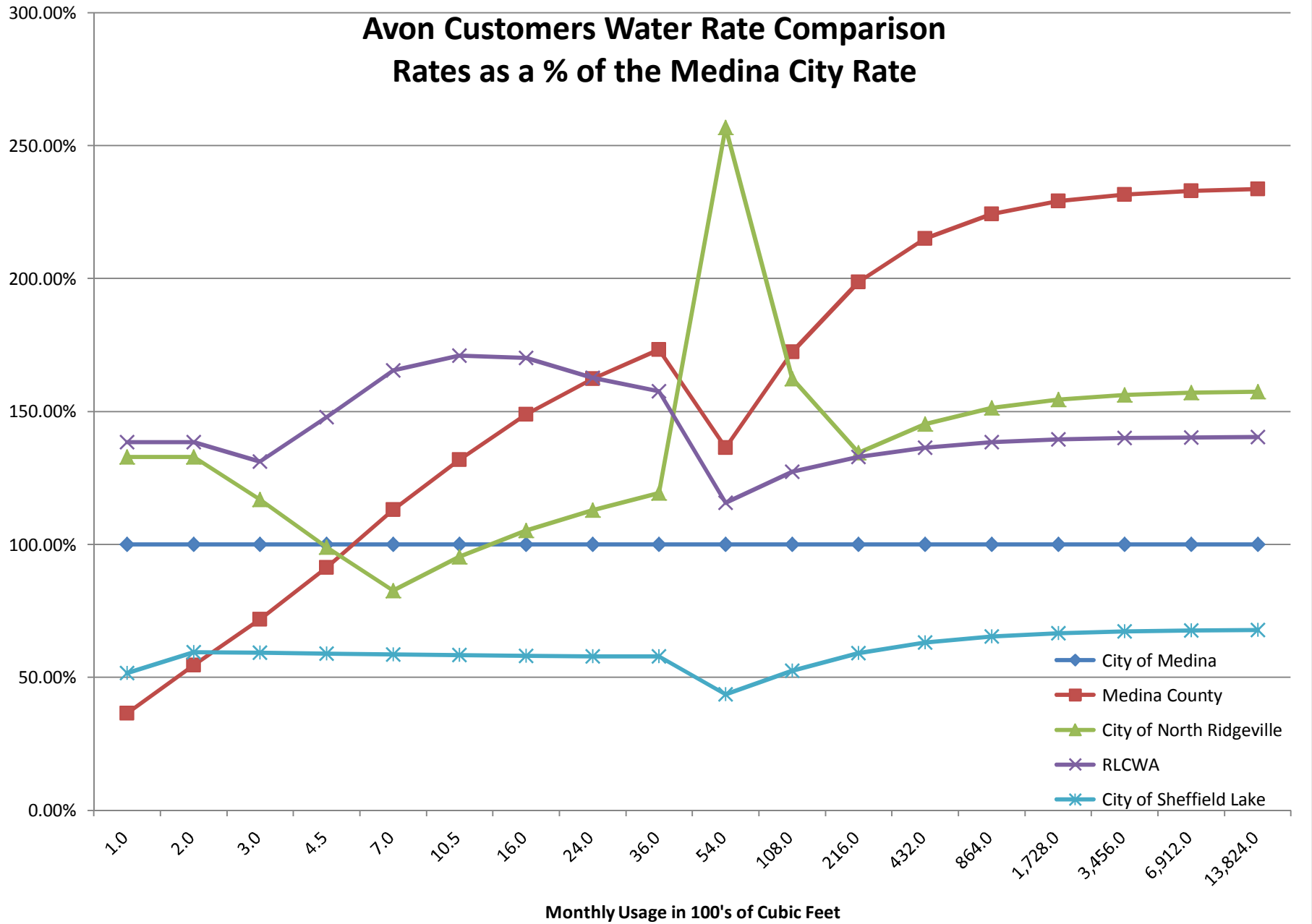


Medina County Water Rate Comparison

Rates as a % of the Medina City Rate

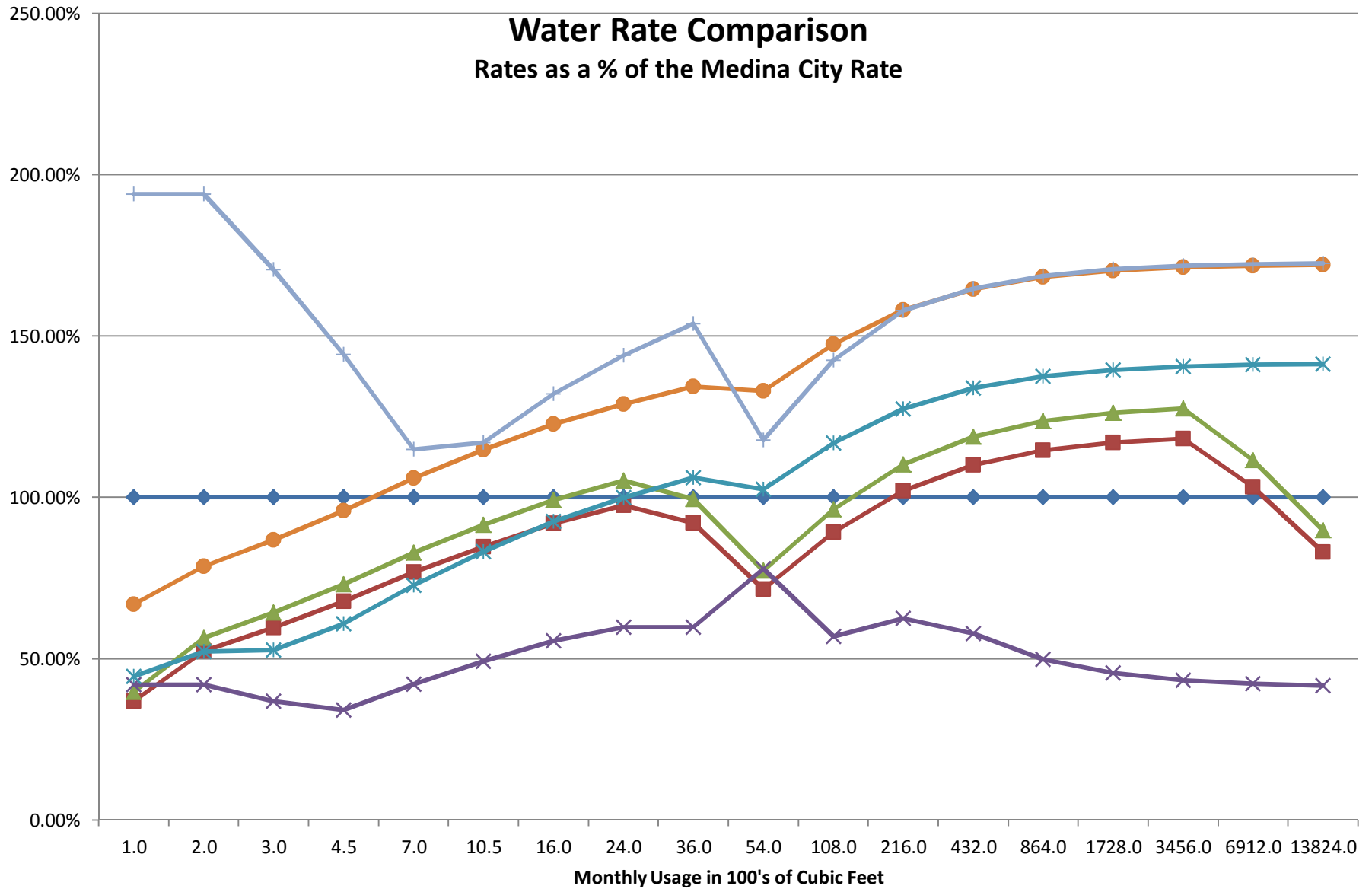


Avon Customers Water Rate Comparison Rates as a % of the Medina City Rate



Water Rate Comparison

Rates as a % of the Medina City Rate



City of Akron

Water Source:

From the Upper Cuyahoga River and the reservoir of Lake Rockwell

Billing Unit:

Hundreds of cubic feet

Meter Read and Billing Cycle:

Most meters are read monthly and billed monthly

Minimum Bill:

There is a monthly billing charge of \$3.48. No consumption is included in this amount.

Discounts:

Schools and Hospitals are allowed to combine the registration of their meters to enable them to receive a quantity discount.

Rates:

	Effective 5/1/2011	Effective 5/1/2012
Monthly Minimum	\$3.48	\$3.76
<3,000 cu.ft. (per 100 cu.ft.)	\$2.53	\$2.73
3,001-500,000 cu.ft. (per 100 cu.ft.)	\$2.27	\$2.45
>500,000 cu.ft. (per 100 cu.ft.)	\$1.19	\$1.29

City of Barberton

Water Source:

Own supply – Upper Wolf Creek Watershed

Billing Unit:

Thousands of Gallons

Meter Read and Billing Cycle:

Reads are conducted as often as necessary through an automated system. Bills are sent monthly.

Minimum Bill:

The monthly minimum charge varies by meter size. The monthly minimum for a 5/8” meter is \$13.20 which includes up to 2,500 gallons of usage.

Discounts:

A 20% discount is available for customers meeting applicable age, income, or disability requirements

Rates:

Meter Size	Monthly Charge	Gallons included in minimum
5/8”	\$13.20	2,500
3/4”	\$31.68	6,000
1”	\$73.92	14,000
1-1/2”	\$100.32	19,000
2”	\$126.72	24,000
3”	\$177.20	34,000
4”	\$252.40	50,000
6”	\$393.00	80,000

The minimum charge covers an amount of water as specified. The usage charges (below) exceeds the minimum (above), the minimum no longer applies.

<30,000 Gallons (per 1,000 Gallons)	\$5.28
30,001-120,000 Gallons (per 1,000 Gallons)	\$4.70
>120,000 Gallons (per 1,000 Gallons)	\$4.39

City of Canton

Water Source:

Underground wells

Billing Unit:

Hundreds of cubic feet

Meter Read and Billing Cycle:

Residential Meters are read and billed bi-monthly

Commercial Meters are read and billed monthly

Minimum Bill:

The monthly minimum charge varies by meter size. The monthly minimum for a 5/8" meter is \$7.32

Discounts:

Residents entitled to the Homestead Exemption on Real Estate Taxes are entitled to a 10% discount on Water service

Rates:

Meter Size	Monthly Minimum	Cu.Ft. included in minimum
5/8"	\$7.32	200
¾"	\$6.85	400
1"	\$22.84	1,330
1-1/4"	\$33.51	2,000
1-1/2"	\$45.72	2,730
2"	\$73.09	4,730
3"	\$137.06	9,530
4"	\$228.44	16,330
6"	\$466.89	42,860
8"	\$730.99	77,800
10"	\$1,296.46	150,000

The minimum charge covers an amount of water as specified. Once the usage charge (below) exceeds the minimum (above), the minimum no longer applies.

<4,500 cu.ft. (per 100 cu.ft.)	\$1.6613
4,501-30,000 cu.ft. (per 100 cu.ft.)	\$1.3292
>30,000 cu.ft. (per 100 cu.ft.)	\$0.7808

City of Cleveland

Water Source:

Lake Erie, the picture at right is Cleveland’s water intake located 5 mi off the mouth of the Cuyahoga River.



Billing Unit:

Thousands of Cubic Feet

Meter Read and Billing Cycle:

Quarterly

Minimum Bill:

The minimum varies by meter size. For meters up to 1” the minimum is \$10.19 and includes up to 333 cubic feet of consumption.

Discounts:

Discounts are available for customers eligible for the Homestead Exemption and low income customers eligible for the HEAP program.

Rates:

There is a fixed charge based on meter size. Currently this charge covers consumption up to 333 cubic feet per month. Effective January 1, 2012 the minimum charge will cover consumption up to 200 cubic feet per month:

Meter Size	Current	Eff 1/1/12	Eff 1/1/13	Eff 1/1/14	Eff 1/1/15
Homestead	\$8.36	\$8.75	\$9.84	\$10.95	\$12.09
5/8” – 1”	\$10.19	\$10.59	\$12.17	\$13.78	\$15.42
1-1/2” – 2”	\$16.19	\$16.59	\$18.84	\$21.45	\$24.09
3” – 4”	\$44.19	\$44.59	\$51.84	\$59.11	\$66.42
6”	\$77.53	\$77.92	\$88.50	\$102.45	\$113.09
8”	\$114.19	\$114.59	\$131.84	\$149.11	\$166.42
10”	\$140.86	\$141.25	\$165.17	\$185.78	\$209.75
12”	\$170.86	\$171.25	\$195.17	\$222.45	\$249.75

The charge for additional water consumption is as follows (per 100 cubic feet):

Current	Eff 1/1/12	Eff 1/1/13	Eff 1/1/14	Eff 1/1/15
\$2.69	\$2.752	\$2.948	\$3.122	\$3.274

City of Cleveland – Suburbs #1 (a map of rate zones follows)

Water Source:

Lake Erie, the picture at right is Cleveland's water intake located 5 mi off the mouth of the Cuyahoga River.



Billing Unit:

Thousands of Cubic Feet

Meter Read and Billing Cycle:

Quarterly

Minimum Bill:

The minimum varies by meter size. For meters up to 1" the minimum is \$10.19 and includes up to 333 cubic feet of consumption.

Discounts:

Discounts are available for customers eligible for the Homestead Exemption and low income customers eligible for the HEAP program.

Rates:

There is a fixed charge based on meter size. Currently this charge covers consumption up to 333 cubic feet per month. Effective January 1, 2012 the minimum charge will cover consumption up to 200 cubic feet per month:

Meter Size	Current	Eff 1/1/12	Eff 1/1/13	Eff 1/1/14	Eff 1/1/15
Homestead	\$10.67	\$10.99	\$12.04	\$13.04	\$14.01
5/8" – 1"	\$12.50	\$12.82	\$14.37	\$15.88	\$17.35
1-1/2" – 2"	\$18.50	\$18.82	\$21.04	\$23.54	\$26.01
3" – 4"	\$46.50	\$46.82	\$54.04	\$61.21	\$68.35
6"	\$79.83	\$80.16	\$90.70	\$104.54	\$115.01
8"	\$116.50	\$116.82	\$134.04	\$151.21	\$168.35
10"	\$143.17	\$143.49	\$167.37	\$187.88	\$211.68
12"	\$173.17	\$173.49	\$197.37	\$224.54	\$251.68

The charge for additional water consumption is as follows (per 100 cubic feet):

Current	Eff 1/1/12	Eff 1/1/13	Eff 1/1/14	Eff 1/1/15
\$4.17	\$4.17	\$4.201	\$4.253	\$4.256

City of Cleveland – Suburbs #2 (a map of rate zones follows)

Water Source:

Lake Erie, the picture at right is Cleveland's water intake located 5 mi off the mouth of the Cuyahoga River.



Billing Unit:

Thousands of Cubic Feet

Meter Read and Billing Cycle:

Quarterly

Minimum Bill:

The minimum varies by meter size. For meters up to 1" the minimum is \$10.19 and includes up to 333 cubic feet of consumption.

Discounts:

Discounts are available for customers eligible for the Homestead Exemption and low income customers eligible for the HEAP program.

Rates:

There is a fixed charge based on meter size. Currently this charge covers consumption up to 333 cubic feet per month. Effective January 1, 2012 the minimum charge will cover consumption up to 200 cubic feet per month:

Meter Size	Current	Eff 1/1/12	Eff 1/1/13	Eff 1/1/14	Eff 1/1/15
Homestead	\$11.71	\$12.19	\$13.46	\$14.71	\$15.94
5/8" – 1"	\$13.55	\$14.03	\$15.79	\$17.54	\$19.27
1-1/2" – 2"	\$19.55	\$20.03	\$22.46	\$25.21	\$27.94
3" – 4"	\$47.55	\$48.03	\$55.46	\$62.87	\$70.27
6"	\$80.88	\$81.36	\$92.13	\$106.21	\$116.94
8"	\$117.55	\$118.03	\$135.46	\$152.87	\$170.27
10"	\$144.21	\$144.69	\$168.79	\$189.54	\$213.61
12"	\$174.21	\$174.69	\$198.79	\$226.21	\$253.61

The charge for additional water consumption is as follows (per 100 cubic feet):

Current	Eff 1/1/12	Eff 1/1/13	Eff 1/1/14	Eff 1/1/15
\$4.842	\$4.842	\$5.011	\$5.151	\$5.239

City of Cleveland – Suburbs #3 (a map of rate zones follows)

Water Source:

Lake Erie, the picture at right is Cleveland's water intake located 5 mi off the mouth of the Cuyahoga River.



Billing Unit:

Thousands of Cubic Feet

Meter Read and Billing Cycle:

Quarterly

Minimum Bill:

The minimum varies by meter size. For meters up to 1" the minimum is \$10.19 and includes up to 333 cubic feet of consumption.

Discounts:

Discounts are available for customers eligible for the Homestead Exemption and low income customers eligible for the HEAP program.

Rates:

There is a fixed charge based on meter size. Currently this charge covers consumption up to 333 cubic feet per month. Effective January 1, 2012 the minimum charge will cover consumption up to 200 cubic feet per month:

Meter Size	Current	Eff 1/1/12	Eff 1/1/13	Eff 1/1/14	Eff 1/1/15
Homestead	\$12.80	\$13.37	\$14.78	\$16.17	\$17.54
5/8" – 1"	\$14.64	\$15.21	\$17.11	\$19.00	\$20.88
1-1/2" – 2"	\$20.64	\$21.21	\$23.78	\$26.67	\$29.54
3" – 4"	\$48.64	\$49.21	\$56.78	\$64.33	\$71.88
6"	\$81.97	\$82.54	\$93.44	\$107.67	\$118.54
8"	\$118.64	\$119.21	\$136.78	\$154.33	\$171.88
10"	\$145.30	\$145.87	\$170.11	\$191.00	\$215.21
12"	\$175.30	\$175.87	\$200.11	\$227.67	\$255.21

The charge for additional water consumption is as follows (per 100 cubic feet):

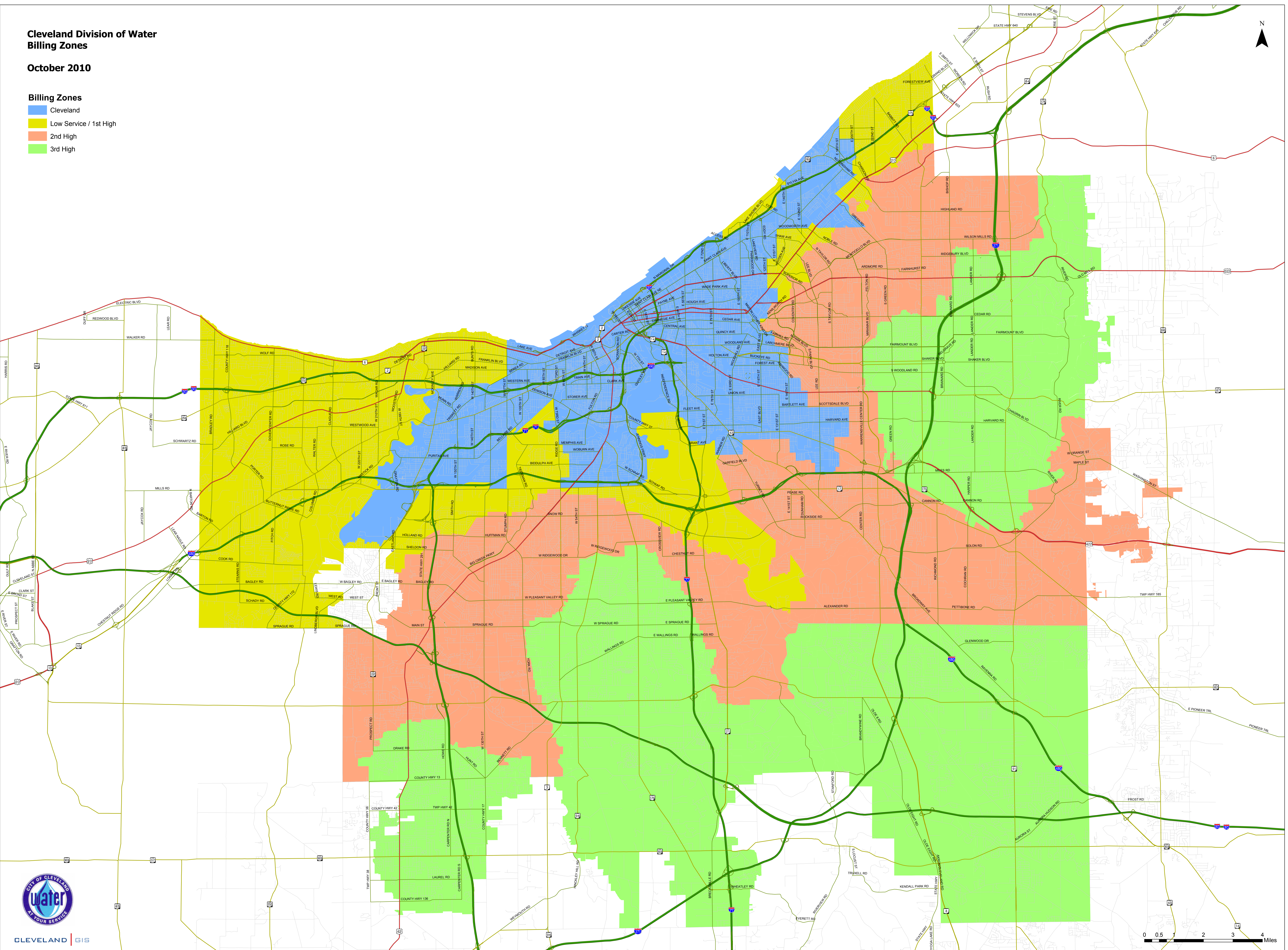
Current	Eff 1/1/12	Eff 1/1/13	Eff 1/1/14	Eff 1/1/15
\$5.541	\$5.541	\$5.763	\$5.939	\$6.057

**Cleveland Division of Water
Billing Zones**

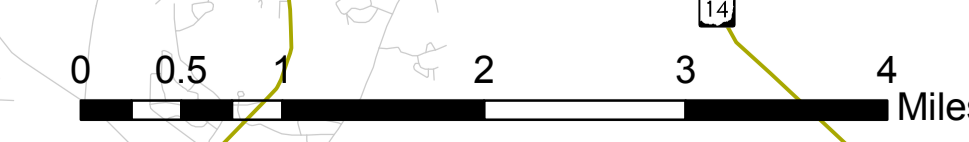
October 2010

Billing Zones

- Cleveland
- Low Service / 1st High
- 2nd High
- 3rd High



CLEVELAND | GIS



City of Medina

Water Source:

Purchase from Avon Lake Municipal Utilities

Billing Unit:

Hundreds of Cubic Feet

Meter Read and Billing Cycle:

Residential Meters are read and quarterly, Commercial Meters are read monthly

All accounts are billed monthly

Minimum Bill:

The monthly minimum charge varies by meter size and includes 200 Cubic Feet of consumption per month



Discounts:

n/a

Rates:

There is a monthly service charge based on meter size, this charge includes up to 200 Cubic Feet of consumption:

Meter Size	Monthly Charge
5/8" or 3/4"	\$16.33
1"	\$19.76
1-1/2"	\$28.30
2"	\$38.53
3"	\$65.79
4"	\$96.51
6"	\$143.38
8"	\$242.52
10"	\$245.73
12"	\$330.97

Additional consumption is billed as follows:

201 Cu.Ft. – 3,500 Cu.Ft. (per 100 Cu.Ft.)	\$2.25
>3,500 Cu.Ft. (per 100 Cu.Ft.)	\$1.90

Medina County

Water Source:

Purchase from Avon Lake Municipal Utilities and Underground wells

Billing Unit:

Thousands of Gallons

Meter Read and Billing Cycle:

Residential Meters are read and billed bi-monthly

Commercial Meters are read and billed monthly

Minimum Bill:

The monthly minimum charge is \$5.95 for usage of up to 1,000 Gallons (134 cu.ft.)

Discounts:

A 50% discount for persons eligible for the Homestead Exemption was previously available but no new applications are accepted.

Rates:

The rate is \$5.95 per 1,000 Gallons (\$4.4506 per 100 cu.ft.)



City of North Ridgeville

Water Source:

Water is purchased from Avon Lake Municipal Utilities, RLCWA, and the City of Elyria

Billing Unit:

Hundreds of Cubic Feet

Meter Read and Billing Cycle:

Reads are conducted as often as four times daily through an automated system. Bills are sent monthly.

Minimum Bill:

The monthly minimum charge varies by meter size. The monthly minimum for a 5/8" meter is \$13.28 which includes up to 400 cubic feet of usage.

Discounts:

Senior Citizens are eligible to apply for an elimination of the monthly minimum. This allows them to pay for consumption only. Additionally, there are alternative rate schedules for mobile homes, apartments, schools, farms, and greenhouses

Rates:

Meter Size	Monthly Charge	Cu.Ft. included in minimum
5/8"	\$13.28	400
3/4"	\$21.71	666
1"	\$42.29	1,333
1-1/2"	\$122.30	4,000
2"	\$202.28	6,666
3"	\$452.30	15,000
4"	\$752.30	25,000
6"	\$1,552.28	51,666

The minimum charge covers an amount of water as specified. The usage charges (below) exceeds the minimum (above), the minimum no longer applies.

<400 Cu.Ft. (per 100 Cu.Ft.)	\$3.32
401-1,000 Cu.Ft. (per 100 Cu.Ft.)	\$3.17
>1,000 Cu.Ft. (per 100 Cu.Ft.)	\$3.00

Note:

The Water Rate in the City of North Ridgeville is amended annually by the City Auditor and City Engineer in accordance with a formula adopted by Council. The formula calculates the weighted average percentage increase in costs of water purchased by the city. That percentage is then applied to the North Ridgeville rate.

RLCWA

Water Source:

Purchase from Avon Lake Municipal Utilities

Billing Unit:

Thousands of Gallons

Meter Read and Billing Cycle:

Meters are read and billed monthly

Minimum Bill:

The monthly minimum charge varies by meter size. The minimum for a ¾" meter is \$22.60 for usage of up to 2,000 Gallons (267 cu.ft.)

Discounts:

n/a

Rates:

Meter Size	Monthly Minimum	Gallons included in minimum
¾"	\$22.60	2,000
1"	\$44.28	5,000
1-1/2"	\$73.06	10,000
2"	\$98.85	16,000
3"	\$180.52	35,000
4"	\$298.62	65,000
6"	\$602.48	150,000

The minimum charge covers an amount of water as specified. Once the usage charge (below) exceeds the minimum (above), the minimum no longer applies.

<2,000 Gallons	\$22.60
2,001-5,000 Gallons (per 1,000 Gallons)	\$7.23
5,001-10,000 Gallons (per 1,000 Gallons)	\$5.72
10,001-50,000 Gallons (per 1,000 Gallons)	\$4.30
>50,000 Gallons (per 1,000 Gallons)	\$3.57

Village of Seville

Water Source:

Own supply from wells

Billing Unit:

Hundreds of Gallons

Meter Read and Billing Cycle:

Meters are read and bills are sent monthly

Minimum Bill:

The monthly minimum charge is \$19.26 for usage of up to 2,500 Gallons (334 cu.ft.). This charge includes a \$10.00 monthly Water Capital Surcharge for repayment of an OWDA loan. The \$10.00 Surcharge is expected to end in 2015.

Discounts:

N/A

Rates:

The rate is \$3.704 per 1,000 Gallons (\$2.77 per 100 Cu.Ft.) for the first 20,000 Gallons and \$3.088 per 1,000 Gallons (\$2.31 per 100 Cu.Ft) for additional consumption.

City of Sheffield Lake

Water Source:

Purchase from Avon Lake Municipal Utilities

Billing Unit:

Hundreds of Cubic Feet

Meter Read and Billing Cycle:

Meters are read quarterly, bills are sent monthly (estimated bills the first two months)

Minimum Bill:

\$7.13 per month, no water is included in the minimum bill

Discounts:

There is a \$1.00 discount for Seniors

Rates:

The minimum is \$7.13. Usage is billed at \$1.29 per 100 cubic feet.

City of Wadsworth

Water Source:

Wadsworth has their own water supply

Billing Unit:

Thousands of Gallons

Meter Read and Billing Cycle:

Meters are read and billed monthly

Minimum Bill:

There is a monthly minimum charge that varies by meter size. Customers with meters less than 1" are assessed a monthly charge of \$6.25. Usage is billed in addition to the charge.

Discounts:

n/a

Rates:

Meter Size	Monthly Charge
<1"	\$6.25
1"	\$17.26
1-1/2"	\$51.78
2"	\$102.82
3"	\$271.73
4"	\$425.95
6"	\$851.90
8"	\$1,703.81

The minimum charge (above) is a billing charge. The usage charges (below) also apply.

Residential:

<2,000 Gallons (per 1,000 Gallons)	\$2.20
2,001-6,000 Gallons (per 1,000 Gallons)	\$4.59
6,001-10,000 Gallons (per 1,000 Gallons)	\$5.14
>10,000 Gallons (per 1,000 Gallons)	\$9.30

Commercial:

<200,000 Gallons (per 1,000 Gallons)	\$4.85
>200,000 Gallons (per 1,000 Gallons)	\$4.63