

# **MOHAWK VALLEY WATER AUTHORITY**



## **WATER SERVICE RATES AND FEES**

**FOR FISCAL YEAR 2006 - 2007**

# DESCRIPTION OF THE WATER SYSTEM

The regional water system, owned and operated by the Mohawk Valley Water Authority, includes facilities within the following jurisdictions:

<b>Villages of:</b>	<b>Towns of:</b>	<b>City of Utica</b>
Clark Mills	Deerfield	
Holland Patent	Frankfort	
New Hartford	Kirkland	
New York Mills	Marcy	
Oriskany	New Hartford	
Whitesboro	Schuyler	
Yorkville	Trenton	
	Whitestown	

The Water Authority sells, on a bulk basis, to the Tilden Manors development located in the Town of Westmoreland.

Currently there are approximately 37,000 residential and 800 commercial customers. Total population served by the water system is estimated at 120,000. The average daily demand is 21.0 million gallons per day (MGD).

Hinckley Reservoir serves as the source of water for the system. The reservoir is located approximately 18 miles north of the City of Utica. The 25 billion gallon reservoir is a multi-use facility owned by the State of New York. In addition to use by the Mohawk Valley Water Authority, the New York Power Authority and the Canal Corporation's Barge Canal use the reservoir as a water supply for power generation, flood control, and recreation. The New York State Power Authority controls regulation of the water level and discharge at the Hinckley Reservoir. The Jarvis Hydroelectric Plant at Hinckley generates power for the surrounding community. The reservoir watershed area covers 373 square miles in the southerly areas of the Adirondack Mountains, most of which lies within the Adirondack Park region. The watershed is mostly rural and undeveloped forest. Two main highways, NYS Route 8 and Route 365, pass through the watershed.

The water system transmission and distribution mains total 42.5 miles and 658 miles, respectively.

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**Note 1:** All customer charges include **both** a water rate charge and a "readiness-to-serve" system charge.

**Note 2:** 1 cubic foot of water equals 7.481 gallons.

***Quarterly Billed Customers***

***Water Rates (Rates in Cubic Feet)***

<b>Tier 1</b>	<b>First 900</b>	(0-900 cubic feet)	-	<b>\$21.83</b>	minimum charge
<b>Tier 2</b>	<b>Next 5,100</b>	(1,000-6,000 cubic feet)	@	<b>\$20.14</b>	per 1000 cubic feet
<b>Tier 3</b>	<b>Next 64,000</b>	(6,100-70,000 cubic feet)	@	<b>\$19.63</b>	per 1000 cubic feet
<b>Tier 4</b>	<b>Next 680,000</b>	(70,100-750,000 cubic feet)	@	<b>\$13.49</b>	per 1000 cubic feet
<b>Tier 5</b>	<b>Thereafter</b>	(750,100-unlimited cubic feet)	@	<b>\$10.43</b>	per 1000 cubic feet

***"Readiness-to-Serve"***  
***System Charge***

<u>Meter Size</u>	<u>Amount</u>
5/8 inch	\$20.00
3/4 inch	\$22.00
1 inch	\$50.00
1 1/2 inch	\$99.99
2 inch	\$159.99
3 inch	\$319.97
4 inch	\$499.96
6 inch	\$999.92
8 inch	\$1,599.87

***Minimum Charge for Quarterly Billed Customers***

<u>Meter Size</u>	<u>Allowance (In cubic feet)</u>	<u>Total Charge</u>
5/8 inch	900	\$41.82
3/4 inch	1,800	\$61.95
1 inch	2,400	\$102.03
1 1/2 inch	4,500	\$194.31
2 inch	7,500	\$313.97
3 inch	15,000	\$621.22
4 inch	27,000	\$1,036.82
6 inch	45,000	\$1,890.20
8 inch	75,000	\$3,048.50

***Monthly Billed Customers***

***Water Rates (Rates in Cubic Feet)***

<b>Tier 1</b>	<b>First 300</b>	(0-300 cubic feet)	-	<b>\$21.83</b>	minimum charge
<b>Tier 2</b>	<b>Next 1,700</b>	(400-2,000 cubic feet)	@	<b>\$20.14</b>	per 1000 cubic feet
<b>Tier 3</b>	<b>Next 21,300</b>	(2,100-23,300 cubic feet)	@	<b>\$19.63</b>	per 1000 cubic feet
<b>Tier 4</b>	<b>Next 226,700</b>	(23,400-250,000 cubic feet)	@	<b>\$13.49</b>	per 1000 cubic feet
<b>Tier 5</b>	<b>Thereafter</b>	(250,100-unlimited cubic feet)	@	<b>\$10.43</b>	per 1000 cubic feet

***"Readiness-to-Serve"***  
***System Charge***

<u>Meter Size</u>	<u>Amount</u>
5/8 inch	\$6.67
3/4 inch	\$7.33
1 inch	\$16.67
1 1/2 inch	\$33.33
2 inch	\$53.33
3 inch	\$106.66
4 inch	\$166.65
6 inch	\$333.31
8 inch	\$533.29

***Minimum Charge for Monthly Billed Customers***

<u>Meter Size</u>	<u>Usage (In cubic feet)</u>	<u>Total Charge</u>
5/8 inch	300	\$28.49
3/4 inch	600	\$35.20
1 inch	800	\$48.56
1 1/2 inch	1,500	\$79.32
2 inch	2,500	\$119.21
3 inch	5,000	\$221.62
4 inch	9,000	\$360.16
6 inch	15,000	\$644.62
8 inch	25,000	\$1,030.51

# ANCILLARY RATES AND FEES

## PENALTIES/ FEES ON DELINQUENT ACCOUNTS

TYPE	PENALTY/ FEE
<b>Quarterly Billed Customers:</b>	
Late Penalty-Assessed 21 days after billing date	15% of outstanding balance
Unpaid Bill Notice-Mailed 40 days after billing date	-----
Unpaid Bill Fee-Assessed 50 days after billing date	\$15.00
Overdue Charge-Assessed seven (7) months after billing date	1%/month on overdue balance
<b>Monthly Billed Customers:</b>	
Late Penalty-Assessed 21 days after billing date	15% of outstanding balance
Unpaid Bill Notice-Mailed 40 days after billing date	-----
Unpaid Bill Fee-Assessed 50 days after billing date	\$15.00
Overdue Charge-Assessed seven (7) months after billing date	1%/month on overdue balance
<b>Collection Fee</b>	\$25.00 and/or the cost of attorney's and collection agency fee.
<b>Shut-Off Meter/ Turn-On Meter Charges:</b>	
	<b>Turn Off/Turn On</b>
Single Family	\$10.00
Other	\$25.00
Delinquent Accounts	\$50.00
	<b>Overtime</b>
	\$45.00
	\$70.00
	\$125.00

## ANCILLARY SERVICES/INCIDENTS AND RELATED CHARGES

TYPE	PENALTY/ FEE	
<b>Meter Installation/Meter Removal</b>	\$50.00	
<b>Repair of Curb Box – Entire Box</b>	\$450.00	
<b>Repair of Curb Box - Top Section</b>	\$75.00	
<b>Lost Meters:</b>		
5/8 inch	\$145.00	
¾ inch	\$170.00	
1 inch	\$195.00	
> than 1 inch	Replacement cost less 5% per year of use.	
<b>Frozen/Cooked Meters:</b>		
<u>Size Meters</u>	<u>During Business Hours</u>	<u>After Hours</u>
5/8 inch	\$115.00	\$150.00
¾ inch	\$136.00	\$160.00
1 inch	\$175.00	\$210.00
> than 1 inch	Labor and materials to replace/repair meter.	
<b>Meter Tests</b>	Labor and materials.	
<b>Missed Appointments</b>	\$25.00	
<b>Meter Reading for Final Bill</b>	\$10.00	
<b>Special Meter Readings:</b>		
Re-Inspection of Meter or Related Apparatus <sup>(1)</sup>	\$20.00	
Re-Inspection of Property for Water Leak <sup>(1)</sup>	\$20.00	
Re-Read of Meter at Owners Request <sup>(1)</sup>	\$25.00	
	No Charge for malfunctioning device	

(1)--As a general policy, there is no charge for an initial inspection of a property or related apparatus.

## **ANCILLARY RATES AND FEES-continued**

### **ANCILLARY SERVICES/INCIDENTS AND RELATED CHARGES-CONTINUED**

TYPE	PENALTY/ FEE
Returned Checks	\$35.00
Water Rent Searches	\$25.00
Tampering/Removal of Meters / Equipment	\$2,000.00 fee/Criminal Prosecution
By-Passing of Installed Meters	\$2,000.00 fee/Criminal Prosecution
Unauthorized Hydrant Usage	\$2,000.00 fee/Criminal Prosecution
Unauthorized Water Usage	\$2,000.00 fee/Criminal Prosecution
Over-paving Valve Box/Cap by Municipality	\$2,000.00 per Incident
Service Terminations:	
Pavement Repair < 2''-Concrete Base/ Asphalt Topping	\$1,400.00/ cut
Pavement Repair< 2''-Asphalt Base/ Asphalt Topping	\$950.00/ cut
Service Line Termination- < 2'' (Non-pavement)	\$560.00
All Other Service Line Terminations - > 2''	Labor, materials & Equipment
Water Use during Demolition	\$100/Day or Metered Usage
Water Use for Asbestos Abatement	\$20 per day
Hydrant Replacement	Time and Materials
Inspection of New Water Mains	\$1.60 per foot
Capacity Fee on New Construction	\$0.00 per EDU (Equivalent Dwelling Unit)

### **GOVERNMENTAL SERVICES CHARGES**

SERVICE	FEE
Annual Maintenance of Water Mains	\$0.020 per inch per linear foot
Annual Maintenance of Private Fire Hydrants	\$25.00 per fire hydrant per year
Water Usage for Concrete Hydro demolition	\$300.00/Day (or metered usage)
Hydrant Flow Test	\$200.00 per hydrant

## ***ANCILLARY RATES AND FEES-continued***

### ***COMBINATION PRIVATE FIRE PROTECTION AND DOMESTIC USAGE***

**Note:** Customers that choose to combine a fire service line with domestic usage will be charged both the usage charge and the applicable private fire protection rate.

#### **QUARTERLY BILLED CUSTOMERS**

Meter Size	Maintenance Charge	Maintenance Charge with Usage	
		Water Usage	Combination of Maintenance and Usage Charge
4" x 2"	\$499.96	7,500 cu. ft.	\$653.94
6" x 3"	\$999.92	15,000 cu. ft.	\$1,301.16
8" x 4"	\$1,599.87	27,000 cu. ft.	\$2,136.73
10" x 6"	\$1,999.84	45,000 cu. ft.	\$2,890.12

#### **MONTHLY BILLED CUSTOMERS**

Meter Size	Maintenance Charge	Maintenance Charge with Usage	
		Water Usage	Combination of Maintenance and Usage Charge
4" x 2"	\$166.65	2,500 cu. ft.	\$232.53
6" x 6"	\$333.31	5,000 cu. ft.	\$448.27
8" x 4"	\$533.29	9,000 cu. ft.	\$726.79
10" x 6"	\$666.61	15,000 cu. ft.	\$977.92

#### **PRIVATE FIRE PROTECTION RATES**

FIRE LINE SERVICE SIZE	ANNUAL RATE
4 Inch	\$199.98
6 Inch	\$399.97
8 Inch	\$639.95
10 Inch	\$799.93
12 Inch	\$1,039.92

## ***ANCILLARY RATES AND FEES-continued***

### **WATER USAGE RATIOS FOR METERED PRIVATE FIRE LINES**

#### **PRIVATE FIRE LINE SERVICE (UNAUTHORIZED USE OF FIRE LINE SERVICE)**

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<b>METER &amp; FIRE LINE SIZE</b>	<b>RATIO</b>
5/8" x 4"	25
5/8" x 6"	50
5/8" x 8"	80
5/8" x 10"	105
3/4" x 4"	17
3/4" x 6"	33
3/4" x 8"	53
3/4" x 10"	70
1" x 4"	10
1" x 6"	20
1" x 8"	32
1" x 10"	42
1 1/2" x 4"	5
1 1/2" x 6"	10
1 1/2" x 8"	16
1 1/2" x 10"	21
2" x 4"	3
2" x 6"	6
2" x 8"	10
2" x 10"	13

## ***ANCILLARY RATES AND FEES-continued***

### **BACK FLOW PROTECTION**

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An integral part of providing the highest quality water to Mohawk Valley customers is to prevent any contaminants from entering the distribution water lines throughout the service area. New York State Department of Health (NYSDOH) guidelines require a backflow mechanism on any water service that has a “real or potential degree of hazard” to contaminate public water systems. This risk of backflow may result from a loss in pressure due to a main break or other occurrence that temporarily reduces the normal pressure in a water line. If a property has a water appliance that could potentially contaminate drinking water, a backflow device is required.

Most common water appliances where backflow could cause contamination in the event of pressure loss or other occurrence include lawn irrigation systems, hot water boilers, sprinkler systems for fire protection and beverage dispensers.

Please consult the Water Authority or a DOH representative regarding the design and implementation of a backflow device. In addition, annual testing is required on the backflow device to ensure proper functioning. For more information on backflow prevention, please refer to the Rules and Regulations of the Water Authority.

MVWA has adopted the NYSDOH enforcement guidelines and timeframes for testing these devices on an annual basis. The following fee schedule applies to customers that do not comply with this Cross Connection Control Program:

<b>REQUIREMENT</b>	<b>FEE</b>
<b>Failure to Complete a Certified Backflow Test <sup>(1)</sup></b>	<b>\$25.00/ month</b>
<b>Failure to Install Backflow Device Within 150 Days of Notification <sup>(2)</sup></b>	<b>\$100.00/ month</b>

(1)-- Copy of the certified backflow test must be provided to MVWA within 30 days of test date.

(2)--Testing is required within 45 days of installation and annually thereafter.

## ***ANCILLARY RATES AND FEES-continued***

### **CONSTRUCTION FEES**

A. **General Construction:** Fee for unmetered water via a service line for construction purposes is as follows:

- Single Family Home 90 Day Limit included in Tap Charge below
- Commercial/Industrial Construction See schedule below

**Note:** The Water Authority may require the setting of a temporary meter through which bills will be rendered in accordance with established meter rates. A refundable deposit of \$750.00 is required for use of this temporary meter and held until the meter is returned and the service line terminated at the tap location.

B. **Water Main Extensions:** Frontage fee for water main extensions from six (6) inch thru ten (10) inch diameter is as follows:

- Furnished by Water Authority \$ 30.00 per foot
- Furnished and installed by Water Authority \$ 40.00 per foot

C. **Capacity Fee on New Construction:** A charge will be assessed to new construction within the service area based upon each EDU (Equivalent Dwelling Unit) determined by the Water Authority's calculation of an equivalent dwelling unit for each operating year.

**Capacity Fee on New Construction** \$0.00 per EDU (Equivalent Dwelling Unit)

### **TAP FEES UNDER 2 INCHES**

A. Schedule of fees for the tapping of mains and unmetered water service:

TAP/MAIN SIZE	SERVICE CONNECTION	SINGLE FAMILY	COMMERCIAL*
<b>Taps on Cast or Ductile Iron Mains:</b>			
¾ inch	Copper Tubing	\$ 205.00	\$ 205.00
¾ inch x 1 inch	Copper Tubing	\$ 205.00	\$ 205.00
1 inch	Copper Tubing	\$ 205.00	\$ 205.00
1 inch x 1 ¼ inch	Copper Tubing	\$ 260.00	\$ 260.00
1 ¼ inch	Copper Tubing	\$ 260.00	\$ 260.00
1 ¼ inch x 1 ½ inch	Iron Pipe Thread	\$ 400.00	\$ 400.00
1 ½ inch	Copper Tubing	\$ 380.00	\$ 380.00
1 ¼ inch x 1 ½ inch	Copper Tubing	\$ 380.00	\$ 380.00
1 ½ x 2 inch	Iron Pipe Thread	\$ 510.00	\$ 510.00
1 ½ x 2 inch	Copper Tubing	\$ 490.00	\$ 490.00
<b>Tapping on Asbestos Cement Mains: (¾ or 1 inch)</b>			
4 Inch Main	Copper Tubing	\$ 240.00	\$ 240.00
6 Inch Main	Copper Tubing	\$ 245.00	\$ 245.00
8 Inch Main	Copper Tubing	\$ 255.00	\$ 255.00
10 Inch Main	Copper Tubing	\$ 270.00	\$ 270.00
12 Inch Main	Copper Tubing	\$ 280.00	\$ 280.00

\*--Additional charge of \$30.00 per 1,000 square feet (building foot print) per month for unmetered usage.

## ***ANCILLARY RATES AND FEES-continued***

### **TAP FEES OVER 2 INCHES**

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**Note 1:** Fee includes providing the tapping sleeve, valve and valve box and labor to tap the main.

**Note 2:** When the applicant provides materials and installs the tapping sleeve, valve and valve box, the fee shall be \$ 575.00.

<b>LINE AND TAP SIZE</b>	<b>FEE</b>
4 x 4	\$ 1,500.00
6 x 4	\$ 1,590.00
8 x 4	\$ 1,700.00
10 x 4	\$ 2,325.00
12 x 4	\$ 2,325.00
16 x 4	\$ 4,395.00
20 x 4	\$ 5,380.00
24 x 4	\$ 6,375.00
30 x 4	\$ 7,075.00
6 x 6	\$ 1,785.00
8 x 6	\$ 2,000.00
10 x 6	\$ 2,530.00
12 x 6	\$ 2,530.00
16 x 6	\$ 4,635.00
20 x 6	\$ 5,360.00
24 x 6	\$ 6,660.00
30 x 6	\$ 7,190.00
8 x 8	\$ 2,300.00
10 x 8	\$ 2,910.00
12 x 8	\$ 2,910.00
16 x 8	\$ 4,995.00
20 x 8	\$ 5,750.00
24 x 8	\$ 6,875.00
30 x 8	\$ 7,360.00
12 X 10	\$ 4,000.00
12 x 12	\$ 4,439.00
16 x 12	\$ 6,300.00
20 x 12	\$ 7,245.00
24 X 12	\$ 8,235.00
30 X 12	\$ 8,740.00

## ***ANCILLARY RATES AND FEES-continued***

### **FIRE HYDRANT PERMITS**

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#### **TYPES OF PERMITS:**

##### General--

- Street sweeping and sewer cleaning by municipalities;
- Pavement cutting by Utilities;
- Fill rollers for compaction used in road restoration and paving;
- Hydrant usage during restoration/creation of highways, bridges, sidewalks, parks;

##### Specific--

- Hydro seeding;
- Demolition;
- Filling vessels, testing sewers;
- Swimming Pools--(See separate requirements on next page)

**Note 1:** General permits shall have an expiration date no later than December 15th of the year issued. All users of general permits shall submit a listing of fire hydrants used on a form prescribed by the Board.

**Note 2:** Specific permits shall be limited to a 10-day maximum. Professional pool services may apply for a special seasonal permit.

**Note 3:** The Water Authority has the authority to change these rates or requirements as deemed necessary, following public disclosure.

**Note 4:** Any services such as filling vessels for dust control, testing sewers, general contractor use, etc., fee to be determined and permit authorized by the Authority's.

Sewer Flushing - Permits for direct sewer flushing shall be issued only by authorization of the Authority's designated representative.

<b>Type of Hydrant Usage</b>	<b>Fee</b>
• Street Sweeping by City of Utica	\$1,000.00/Year
• Street Sweeping by Other Municipalities	\$200.00/Year
• Pavement cutting	\$100.00/Year
• Pavement Contractors	\$250.00/Yr. or \$10.00/Day
• Building Demolition Contractors	\$100.00/Day
• Sewer Cleaning Contractors	\$200.00/Yr. or \$20.00/Day/Hydrant
• General Construction	\$20.00/Day; \$75.00/Week; \$200.00/Month
• Relocation of Public Fire Hydrant	\$200.00
• Fire Hydrant Flow Testing	\$200.00/Hydrant
• Concrete Hydrodemolition	\$500.00/Week
• Hydro Seeding	Materials/Equipment plus Usage, Minimum \$400.00

## ***ANCILLARY RATES AND FEES-continued***

### **SWIMMING POOLS:**

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The following stipulations apply to filling swimming pools by individuals or professional pool companies:

- Applicable rules apply to swimming pools—see separate instructions.
- General schedule for filling pools: Monday thru Friday - 7:30 P.M. - 3:30 P.M.
- Nights and weekends: An additional rate applies; 48-hour notice is required.
- The maximum fire hydrant connection shall be 1" with 1" auxiliary control valve, (except demolition contractors, who may have 1 1/4" with 1 1/4" auxiliary valve). Prior to opening hydrant slowly and fully, caps shall be secured. Flow shall be controlled by auxiliary valve only.
- Payment for filling pools is required at the time the permit is issued.
- Hose will be provided by Water Authority.
- Minimum Charge for filling Swimming Pool \$350.00; additional usage charges may apply.

### **REFUNDABLE DEPOSITS:**

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<b>TYPE OF DEPOSIT</b>	<b>FEE</b>
• 2 ½ Inch Cap and Valve	\$250.00
• Hydrant Wrench	\$150.00
• 1 ½ Inch Meter for Use on Fire Hydrant	\$300.00
• Temporary Tap & Meter Used in Construction	\$750.00

## **SPECIFICATION OF MATERIALS - WATER MAINS AND SERVICES**

<b>PIPE:</b>	Ductile Iron, Class 52 per Specifications AWWA C151; C111 (Push-on Joint); C104 lining and asphalt coatings (inside and outside) and 2 brass wedges per joint.
<b>FITTINGS:</b>	Cast or Ductile Iron per Specifications AWWA C110; C153; C111 (Mechanical Joint); C104 cement lining and asphalt coating (inside and outside).
<b>FITTINGS (HYDRANTS):</b>	In addition to "Fittings" Specifications, hydrant tees shall be anchoring type; Manufacturer: Clow F-1217 or approved equal.
<b>VALVES:</b>	Gate Valves AWWA C509; C111 (Mechanical Joint); OPEN CLOCKWISE; Manufacturer: Kennedy Kenseal II or approved equal.
<b>HYDRANTS:</b>	AWWA C502; C111 (Mechanical Joint connection - 6"); OPEN COUNTER CLOCKWISE; 5 ½" bury, 2-2 ½" and 1-4" outlets, 4 ½" bottom valve opening, painted red with yellow bonnet and nozzle caps. Hydrant thread and operating nuts shall conform to "UTICA," "WHITESTOWN," or other threading as approved by the Water Authority for the area being served. Manufacturer: Kennedy K-81A.
<b>VALVE BOXES:</b>	"Buffalo" style - 5 ½" diameter, 3 pierce screw type, size D with No. 6 Base.
<b>TAPPING SLEEVE AND VALVES:</b>	Clow F-5205 and F-5093 or approved equal furnished and installed by Water Authority per established fee schedule.
<b>SERVICE LINES:</b>	Following service line materials for ¾" or 1" size Corporation Stop: Mueller H-15000 or approved equal (furnished and installed by the Water Authority per established fee schedule).
<b>COPPER TUBING:</b>	Type K, ASTM B88 (Use ¾" diameter when pressure is greater than 50 psi; use 1" for pressure less than 50psi).
<b>CURB STOPS:</b>	Mueller H-15204 or approved equal at property line.
<b>CURB BOXES:</b>	Buffalo Type, 2 ½" Shaft, three piece screw type, size 95E or approved equal.
<b>PRESSURE REGULATOR:</b>	Required when water pressure exceeds 70 psi - installed downstream of water meter.
<b>BACKFLOW PREVENTION:</b>	Appropriate protection as required by Engineering Department. Application required.
<b>METER PIT (RESIDENCE):</b>	Required when distance from tap to building entry point is more than 200 feet.
<b>METER PIT (COMMERCIAL):</b>	Required when distance from tap to building entry point is more than 300 feet.