



***CHARTER TOWNSHIP OF NORTHVILLE***

***WATER AND SEWER DIVISION***

***FEE SCHEDULE***

**UPDATED JULY 2016**



TABLE OF CONTENTS

<u>FEE</u>	<u>PAGE</u>
WATER AND SEWER SERVICE CHARGE .....	3
WATER METER SERVICE CHARGE .....	3
INDUSTRIAL WASTEWATER CHARGE .....	4
WATER AND SEWER CAPITAL CONNECTION FEE .....	5
EQUIVALENT LIVING UNIT FACTOR SCHEDULE .....	5-6
WATER AND SEWER USE CHARGE .....	6
WATER SERVICE CONNECTION CHARGE .....	7
WATER METER INSTALLATION CHARGE .....	7
CONSTRUCTION WATER CHARGE .....	7
WATER METER RENTAL CHARGE .....	7
DEPARTMENT LABOR AND EQUIPMENT CHARGES .....	8
DELINQUENT ACCOUNT PROCESSING FEE .....	8
WTUA DIRECT CONNECTION (TAP) FEE .....	8
 ATTACHMENTS	
A. Water Main Use Charges .....	9
B. Sanitary Sewer Main Use Charges .....	10
C. Copy Charges .....	11
D. Meter Rental Agreement .....	12

ABBREVIATIONS

MCF .....Thousand Cubic Feet  
 L.F. .... Linear Feet  
 S.F. .... Square Feet

CONVERSIONS

1 Cubic Foot = 7.4805 gallons

CHARTER TOWNSHIP OF NORTHVILLE

WATER AND SEWER DIVISION

A. WATER AND SEWER COMMODITY CHARGES (Effective July 1, 2016)

WATER	\$5.55 / 1,000 gal.
SEWER - METERED	\$5.09 / 1,000 gal.
SEWER - NON-METERED	\$120.49 / Bi-Monthly Billing <sup>1</sup>

In addition to the usage rate, a fixed rate per meter size will be assessed in accordance with the following chart (fixed rate increased):

<u>Meter Size</u>	<u>Annual Cost</u>	<u>Monthly Fixed Rate Water</u>	<u>Monthly Fixed Sewer</u>	<u>Monthly Total Fixed Rate</u>
1"	\$ 365.04	\$ 17.97	\$ 12.45	\$ 30.42
1.5"	\$ 821.31	\$ 40.43	\$ 28.01	\$ 68.44
2"	\$ 1,460.17	\$ 71.88	\$ 49.80	\$ 121.68
3"	\$ 3,285.49	\$ 161.74	\$ 112.05	\$ 273.79
4"	\$ 5,840.90	\$ 287.54	\$ 199.20	\$ 486.74
10"	\$ 36,505.24	\$ 1,797.09	\$ 1,245.01	\$ 3,042.10

B. WATER METER SERVICE CHARGE (Monthly) - RESOLUTION 78-22

Commercial & Industrial only

<u>Meter Size</u>	<u>Charge</u>
5/8", 3/4", 1"	\$ 4.00
1 1/2"	8.68
2"	16.00
3"	26.00
4"	40.00
6" and larger	72.00
Multiple, Apt. and Motel	2.40/unit

<sup>1</sup> Based on 150,000 gallons annual use

C. INDUSTRIAL WASTEWATER CHARGE (Monthly) - RESOLUTION 16-061

Charge = Charges from Great Lakes Water Authority<sup>2</sup> + the Township administrative charges (15%).

<u>METER SIZE</u>	<u>CHARGE TO CUSTOMER</u>
5/8"	\$ 6.50
3/4"	\$ 9.75
1"	\$16.25
1 1/2"	\$35.74
2"	\$51.98
3"	\$94.22
4"	\$129.95
6"	\$194.93
8"	\$324.88
10"	\$454.83
12"	\$519.80
14"	\$649.75
16"	\$779.70
18"	\$909.65
20"	\$1039.60

D. WATER AND SEWER CAPITAL CONNECTION FEE<sup>3</sup>

1. Special Assessment District (SAD) Connections - RESOLUTION 97-167

<u>Meter Size</u>	<u>Water Charge</u>	<u>Sewer Charge</u>
3/4"	\$ 340.00	\$1,364.00
1"	577.00	1,819.00
1 1/2"	1,154.00	3,635.00
2"	2,305.00	5,680.00
3"	4,745.00	10,225.00
4"	9,490.00	15,899.00
6" and larger	18,301.00	34,072.00

<sup>2</sup> The new charges to Northville Township from GLWA were effective 07/1/16

<sup>3</sup> Water and Sewer Capital Connection Fee for apartment, multiple, family units, hotels and motels shall be charged a fee equal to a 3/4" meter per living/dwelling unit - RESOLUTION 89-72. Haggerty Road Sewer District shall not be included in the meter size fee table.

2. ALL CONNECTIONS TO SYSTEMS, EXCEPT SAD - RESOLUTION 03-217

WATER	\$3,000.00/Living Unit
SEWER	\$9,500.00/Living Unit

The resultant Capital Connection Fee shall be determined by multiplying the above set base fee by the Equivalent Living Unit Factor Schedule determined from the following table. RESOLUTION 2012-10

(Revised January, 2012)

<u>PRIMARY USE</u>	<u>EQUIVALENT LIVING UNIT</u>
Single Family Residence	1.00 unit per dwelling
Auto Dealers	0.30 unit per 1,000 sq. ft.
Banquet Hall	0.50 unit per 1,000 sq. ft.
Barber Shops	1.00 unit per 1,000 sq. ft.
<u>Bars</u>	<u>0.44 unit per seat</u>
Beauty Shops	0.223 unit per booth
Boarding Houses	0.16 unit per person
Boarding Schools	0.27 unit per person
Bowling Alleys (excluding bar & restaurant)	0.16 unit per alley
Car Wash	
a. Manual, Do-It Yourself	2.50 unit per stall
b. Semi-Automatic (Mechanical without conveyor)	12.5 unit per stall
c. Automatic with conveyor	33.0 unit per lane
<u>    d. Automatic with conveyor recycling water</u>	<u>8.4 unit per lane</u>
Churches	0.008 unit per seat.
Cleaners	
a. Pick-up only	0.48 unit per employee
b. Pressing facilities	1.25 unit per press
Clinics	
a. Medical	1.00 unit per doctor
<u>    b. Dental</u>	<u>1.40 unit per dentist</u>
Convalescent and/or Nursing Homes	0.30 unit per bed
Convents	0.20 unit per person
Drug Stores	
a. With fountain service	0.08 unit per seat + 0.14 unit per 1,000 sq. ft.
b. Without fountain service	0.14 per 1,000 sq. ft.
<u>Factories (exclusive of excessive industrial use)</u>	<u>0.50 unit per 1,000 sq. ft.</u>
Fraternal Organizations	
a. Members Only	1.0 unit per hall
b. Members and Rentals	2.0 unit per hall
Funeral Homes (including one residence)	2.2 unit per funeral home
Grocery Store and Supermarkets	0.31 unit per 1,000 sq. ft.
Health Clubs	
a. With showers and/or pool	2.3 unit per 1,000 sq. ft.
<u>    b. Without shower and/or pool</u>	<u>0.26 unit per 1,000 sq. ft.</u>
Hospitals	1.22 unit per bed
Hotel and/or Motels (excluding restaurant, bar, pool)	0.38 unit per room
Laundry (self service)	0.54 unit per washer
Mobile Home Parks	0.60 unit per mobile home
Multiple Family Residence	
a. Individually metered	1.0 unit per dwelling
b. Not individually metered	0.60 unit per dwelling
<u>Office Building</u>	<u>0.40 unit per 1,000 sq. ft.</u>
Public Institutions other than Hospitals	0.32 unit per employee
Racquet Clubs	0.82 unit per tennis or handball court

PRIMARY USE

EQUIVALENT LIVING UNIT

Restaurants

- a. Conventional type with or without drinks 0.10 unit per seat
- b. Quick service franchise type, without dishes, dealing mainly in hamburgers with or without eating in building (includes but not necessarily limited to McDonald's, Burger King, Arby's and Wendy's) 5.6 unit per restaurant
- c. All other restaurants (including but not necessarily limited to drive-ins, snack bars, carry-outs, such as fried chicken and pizzas; could have some eating in building, all without dishes) 1.8 unit per restaurant

Rooming Houses (no meals) 0.13 unit per person

Schools

- a. Elementary 0.012 unit per student
- b. Junior or Middle High 0.020 unit per student
- c. Senior High 0.038 unit per student
- d. Bus Maintenance Facility 0.165 unit per 1,000 sq. ft.

Service Station 0.24 unit per pump

Store (other than specifically listed) 0.16 unit per employee

Summer Camps 0.14 unit per housing unit

Swimming Pools (excluding residential) 3.00 unit per 1,000 sq. ft.

Theaters

- a. Drive-In 0.12 unit per car space
- b. Indoor 0.008 unit per seat

Tourist Courts (individual bath units) 0.27 unit per cubical

Warehouses 0.10 unit per 1,000 sq. ft.

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Notes:

When the primary use contains other secondary uses, the total factor shall be the summation of all applicable separate factors, e.g. bowling alley factor + bar factor + restaurant factor = total factor.

For developments which an equivalent use factor does not apply to the above listing in the Township's opinion, determination shall be made by the Director of Public Services.

All references to square footage (sq. ft.) shall be taken as gross square footage.

All building additions and/or change of use by an existing structure, except residential home additions, shall be subject to fees under the capital connection fee schedule.

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E. WATER AND SEWER USE CHARGE - RESOLUTION 78-22

Connection to premises which have not been directly charged or assessed for the cost of acquisition or installation of a water main or sanitary sewer and for which no other specific arrangements have been made as per adopted rules. (see Attachments A and B)

WATER \$10.00/LF

SEWER \$15.00/LF

Residential Maximum - 240 feet

F. WATER SERVICE CONNECTION

RESOLUTION 89-285 and 78-22

1" Tap with up to 60 feet of lead	\$ 1,200.00
1 ½" Tap with 15' of lead	\$1,450.00
2" Tap with 15' of lead	\$1,675.00

RESOLUTION 2000-47

New subdivision and condominium developments are required to furnish and install all water service piping beneath paved surfaces at the time of infrastructure construction. The cost of all 1" taps within the developments shall be reduced to \$700.00.

G. WATER METERS (INSTALLED)

<u>SIZE</u>	<u>CHARGE</u>
3/4"	\$725.00
1"	775.00
1 1/2"	1,325.00
2"	1,525.00
3" (Meter Only)	2,830.00
4" (Meter Only)	4,675.00

Meters larger than 2" shall be compound meters, purchased and installed by developer, approved by the Township. Meter installation shall be under Township inspection. An inspection fee of \$100.00 shall be charged for each meter installation.

H. CONSTRUCTION WATER CHARGE - RESOLUTION 92-214

Residential Dwelling Unit	\$50.00/dwelling
Multiple-family, Apartment, Hotel, Motel	\$25.00/unit
Commercial and Industrial	\$ 5.00/100 s.f. (\$300 minimum)

I. METER RENTAL CHARGE - RESOLUTION 92-214

1. Base Rate - non-refundable \$ 50.00
2. Equipment Usage Fee \$ 3.00/day
3. Usage Fee - based on current  
Water & Sewer service charge
4. Signed Meter Rental Agreement

J. DEPARTMENT LABOR & EQUIPMENT CHARGE - RESOLUTION 93-67

Backhoe, with extended hoe	\$ 65.00/hr
Dump Truck, 5-7 yard	45.00/hr
Dump Truck, Tandem Axle 8 yard	55.00/hr
Service Truck	50.00/hr
Snow Plow, with 8' blade	45.00/hr
Trailer Mounted Air Compressor	30.00/hr
Vactor	150.00/hr
Materials	at cost
Department Labor	34.00/hr

Equipment charges include: lights, pumps, pipe locating equipment and one operator (except sewer jetter and vactor). Sewer Jetter and vactor charges include: machine and two operators. Labor charges include: hand tools, traffic barricades and other items incidental to labor. All labor, material and equipment charges shall include 15% administrative charges at time of billing. The above fees shall not apply to MISS DIG staking operations.

K. DELIQUENT ACCOUNT PROCESSING FEE - RESOLUTION 94-214

Annual Assessment	\$ 80.00
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L. WTUA DIRECT CONNECTION (TAP) FEE - RESOLUTION 94-217

Connection	\$ 500.00
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Payment shall be received by developer prior to construction of the connection.



## ATTACHMENT A

### Water Main Use Charges

The water main use charge for connections from a fronting water main to premises which have not been directly charged or assessed for the cost of acquisition or installation of said water main and for which no other specific arrangements have been made, shall be levied at the rate of \$10.00 per front foot, and the frontage charged shall be as follows:

1. For commercial, industrial or institutional property, the total frontage of the parcel of land on which such development is located shall be charged.
2. When a parcel of land having frontage on such an existing water main is developed with on-site water mains tributary to such existing water main, the total frontage of such parcel shall be charged.
3. For **CONNECTION** from such a water main to a single family residence, the total frontage of the parcel of land on which the residence is located shall be charged, up to a maximum length of 240 feet. For a single family lot, frontage shall be understood to be the length of the parcel along the street or equivalent thereof toward which the front of the residence faces. In the instance of a lot in a recorded plat, having street frontage exceeding the depth of the lot, the water main use charge shall apply to the depth of the lot.
4. For **CONNECTION** from such a water main to a multiple or cluster type dwelling, the water main use charge shall apply to the total frontage of the parcel upon which such dwelling is located up to a maximum length of 240 feet per dwelling unit.
5. If **CONNECTION** is desired from a water main located in easement across premises which have not been directly charged or assessed for the cost of acquisition or installation of said water main, and for which no other specific arrangements have been made, to a user located upon said premises, the water main use charge shall apply to the length of said water main upon said premises. This provision shall not apply to the 10" water main acquired from the City of Plymouth where located in easement.
6. Where the **WATER USE CHARGE** is applied to the total frontage, part of which may not yet have had a water main constructed in front of it, such frontage shall thereafter be relieved from any additional charge for the farther extension of the water main along said frontage.
7. If **CONNECTION** is to be made at another location other than fronting or across premises water main and easement is acquired, charges will be based on either frontage or across premises footage depending upon easement location up to a maximum length of 240 feet.
8. In any case where strict application of the foregoing provisions if impossible or would effect an unusual and unreasonable charge, appeal may be make to the Charter Township of Northville Board of Trustees who shall determine and establish an equitable water main use charge for the particular situation.

## ATTACHMENT B

### Sanitary Sewer Main Use Charges

The sanitary sewer use charge for connection to a fronting sewer from premises which have not been directly charged or assessed for the cost of acquisition or installation of sanitary sewer and for which no other specific arrangements have been made shall be levied at the rate of \$15.00 per front foot, and the frontage charged shall be as follows:

1. For commercial, industrial or institutional property, the total frontage of the parcel of land on which such development is located shall be charged.
2. When a parcel of land having frontage on such an existing sanitary sewer is developed with on-site sanitary sewers tributary to such sanitary sewer, the total frontage of such parcel shall be charged.
3. For **CONNECTION** to such a sanitary sewer from a single family residence, the total frontage of the parcel of land on which the residence is located shall be charged, up to a maximum length of 240 feet. For a single family lot, frontage shall be understood to be the length of the parcel along the street or equivalent thereof toward which the front of the residence faces.
4. For **CONNECTION** to such a sewer from a multiple family or cluster type dwelling the sanitary sewer use charge shall apply to the total frontage of the parcel upon which such dwelling is located up to a maximum length of 240 feet per dwelling unit.
5. If **CONNECTION** is desired to a sanitary sewer located in easement across premises which have not been directly charged or assessed for the cost of acquisition or installation of such sewer, and for which not other specific arrangement has been made from a user located upon said premises, the sanitary sewer use charge shall apply to the length of said sewer upon said premises.
6. Where the **SEWER USE CHARGE** is applied to total frontage, part of which may not yet have had a sanitary sewer constructed in front of it, such frontage shall thereafter be relieved of any additional charge for the farther extension of sanitary sewer along such frontages.
7. If **CONNECTION** is to be made at another location other than fronting or across premises sanitary sewer and easement is acquired, charges will be based on either frontage or across premises footage depending upon easement location up to a maximum length of 240 feet.
8. If any case where strict application of the foregoing provisions is impossible or would effect an unusual and unreasonable charge, appeal may be made to the Charter Township of Northville Board of Trustee who shall determine and establish an equitable sanitary sewer use charge for the particular situation.

## ATTACHMENT C

### REPRODUCTION FEES

Copies: Page	\$ .50 ea
Tape	\$1.50 ea
Utility Master Plan (complete)	\$25.00
Design and Construction Standards	\$15.00
Water and Sewer Fee Schedule	\$5.00
1" = 1,000' System Map	\$3.00
Oversized System Map (1" = 500')	\$5.00
Sewer Section Map	\$2.50
Water Section Map	\$2.50
Storm Sewer Section Map	\$2.50
Administration Fee	\$7.00/hr
24"x36" black & white copy	\$8.00 sheet
24"x36" color copy	\$10.00 sheet

ATTACHMENT D

CHARTER TOWNSHIP OF NORTHVILLE  
WATER & SEWER DEPARTMENT

METER RENTAL AGREEMENT

The below Authorized signatred Individual and/or Company, known as the "USER" in this agreement, has requested the short term use of Charter Township of Northville equipment; described below. The User agrees to place a refundable deposit with the township. If the equipment borrowed is not returned in working order within 15 days upon Township request, the deposit shall be forfeited. Additionally, the User agrees to pay all below listed fees, including; a \$50 Administration fee, a \$3.00 per day Rental fee, and fees for all water consumed, at the current Township Water and Sewer rates. All fees are due net 30 days from billing.

PROPOSED USE: \_\_\_\_\_

BORROWED EQUIPMENT:

\_\_\_\_\_ Meter, Serial No.

\_\_\_\_\_ Other

\_\_\_\_\_ Other

METERED WATER USAGE:

Meter Start Reading \_\_\_\_\_ Date \_\_\_\_\_

Meter End Reading \_\_\_\_\_ Date \_\_\_\_\_

Difference (1000 gal) \_\_\_\_\_

FEES:

Administrative Fee: \$ 50.00 (INTL)

Refundable Deposit \$ 500.00 (INTL)

Rental Fee: \_\_\_\_\_ days @ \$3.00/day \$ \_\_\_\_\_ (INTL)

Water Usage Fee: \_\_\_\_\_ @ \$10.01/1000 gal \$ \_\_\_\_\_ (INTL)

AUTHORIZED SIGNATURE: \_\_\_\_\_

Name: \_\_\_\_\_

Company: \_\_\_\_\_

Billing Address: \_\_\_\_\_ Zip \_\_\_\_\_

NOTES:

1. For rentals between November 1 and May 1, user must pump down the hydrant nightly or after each use to protect from freezing. Pump to be provided by the user.