

# THE MUNICIPALITY OF NORTH PERTH

## SCHEDULE "Q"

### TO BY-LAW NUMBER 160-2015

### Water and Wastewater Rates

#### Metered Rates

<u>Water</u>		<u>m3</u>
Residential Volumetric.....		\$1.218
ICI Volumetric	<400 m3.....	\$0.913
	400-800 m3 .....	\$0.829
	>800 m3.....	\$0.700

Base Rate Service Charge per connection  
based on connection size:

	<u>Monthly</u>	<u>Bi-monthly</u>
15 mm (Residential) .....	\$20.31 .....	\$40.62
18 mm .....	\$21.27.....	\$42.54
25 mm .....	\$23.03.....	\$46.06
40 mm and 50 mm.....	\$45.06.....	\$92.12
75 mm and 100 mm.....	\$92.40.....	\$184.80
Multi-unit Residential per unit charge .....	\$20.31.....	\$40.62
125mm & 150 mm.....	\$180.68.....	\$361.36

<u>Wastewater</u>		<u>m3</u>
Residential Volumetric.....		\$1.588
ICI Volumetric	c<400 m3.....	\$1.373
	400-800 m3.....	\$1.219
	>800 m3.....	\$1.049

Base Rate Service Charge per connection  
based on connection size:

	<u>Monthly</u>	<u>Bi-monthly</u>
15 mm (Residential) .....	\$24.65.....	\$49.30
18mm .....	\$24.65.....	\$49.30
25mm .....	\$24.65.....	\$49.30
40mm and 50 mm.....	\$46.97.....	\$93.94
75mm and 100 mm.....	\$95.37.....	\$190.74
Multi-unit Residential per unit charge .....	\$24.65.....	\$49.30
125 mm & 150 mm.....	\$171.79.....	\$343.58

#### Non-Metered Rates

<u>Water</u>	<u>Monthly</u>	<u>Bimonthly</u>
Residential (single/multi) Flat rate per unit .....	\$130.30.....	\$260.60
Exception Rate (unable to be metered) .....	\$27.28.....	\$54.56

<u>Wastewater</u>	<u>Monthly</u>	<u>Bimonthly</u>
Residential (single/multi) Flat rate per unit .....	\$145.06.....	\$290.12
Exception Rate (unable to be metered) .....	\$30.37.....	\$ 60.74

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#### **Miscellaneous Rates**

##### **Water**

Temporary Hydrant Connection (includes backflow preventer test) .....	\$250.00
Service Connection Fee .....	\$1,500.00
Service Connection Security Deposit - .....estimate provided by municipal staff (20% retained for one year after work is completed)	
Service and/or Sprinkler charges (Annual)	
2" service .....	\$217.58
4" service .....	\$435.47
6" service .....	\$871.03
8" service .....	\$1,306.60
10" service .....	\$1,742.17
Municipal Fire Hydrant Charge per unit .....	\$125.00
Change of Ownership .....	\$50.00
Missed Appointment Fee .....	\$75.00
Repair damaged water meter .....	Time and material
Meter checked for accuracy at customer request and found to be accurate (up to 1") .....	\$250.00
Water charge for temporary construction water per service .....	\$150.00
¾ and up water meter fee .....	Actual cost
Water Valve Maintenance Trailer (including 2 staff & truck) .....	\$200.00/per hr

##### **Water Connect/Disconnect**

Regular Business Hours	Connect .....	\$50.00
	Disconnect .....	\$50.00
After Business Hours	Connect .....	\$100.00
	Disconnect .....	\$100.00

##### **Bulk Water Service Rates**

Bulk Water (per cubic meter) .....	\$2.00
Minimum charge for year .....	\$50.00

##### **Sewer**

Service Connection Fee .....	\$1,500.00
Service Connection Security Deposit - .....estimate provided by municipal staff (20% retained for one year after work is completed)	
Wastewater Lateral Connection Permit .....	\$150.00
Discharger Information Report Administration Fee .....	\$50.00
Unpaid Account Transfer to Taxes Fee .....	\$100.00

#### **Equipment/Labour Rates**

Water & Wastewater labour is billed out at a rate of \$50.00 per hour.

#### **Cost Sharing Connection Fee**

Cost Sharing Connection Fee to the 2007-2008 Sewer Service Extension provided by R. & D. Tanner Automotive Inc. is outlined under By-law 133-2007 and said fees will be based on proportional costing calculation for each connection. The Cost Sharing Connection Fee expires as per By-Law 133-2007.

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#### Hauled Wastewater / Extra Strength Surcharge Fees

$Fee = R_n + F_N \left[ \frac{F_{TSS}(TSS_e - TSS_n)}{TSS_n} + \frac{F_{BOD}(BOD_e - BOD_n)}{BOD_n} + \frac{F_{TKN}(TKN_e - TKN_n)}{TKN_n} + \frac{F_{OG}(OG_e - OG_n)}{OG_n} + \frac{F_P(P_e - P_n)}{P_n} + \frac{F_{H_2S}(H_2S_e - H_2S_n)}{H_2S_n} \right]$		
Fee	Canadian Dollars per cubic metre of waste treated (\$/m <sup>3</sup> )	
R <sub>n</sub>	Minimum discharge fee per volume of hauled wastewater that meets the sewer use by-law	
F <sub>N</sub>	Adjustment Factor representing annual operating cost of the Wastewater Treatment Plant	
F <sub>SS</sub>	Cost allocated factor for suspended solids	
S <sub>Se</sub>	Expected suspended solids discharge in mg/L	
S <sub>Sn</sub>	By-law limit for suspended solids in mg/L	
F <sub>BOD</sub>	Cost allocated factor for BOD	
BOD <sub>e</sub>	Expected BOD discharge in mg/L	
BOD <sub>n</sub>	By-law limit for BOD in mg/L	
F <sub>TKN</sub>	Cost allocated factor for TKN	
TKN <sub>e</sub>	Expected TKN discharge in mg/L	
TKN <sub>n</sub>	By-law limit for TKN in mg/L	
F <sub>G</sub>	Cost allocated factor for oil and grease	
G <sub>e</sub>	Expected oil and grease discharge in mg/L	
G <sub>n</sub>	By-law limit for oil and grease in mg/L	
F <sub>H<sub>2</sub>S</sub>	Cost allocated factor for Sulphides (as H <sub>2</sub> S)	
H <sub>2</sub> Se	Expected Sulphides as H <sub>2</sub> S discharge in mg/L	
H <sub>2</sub> Sn	By-law limit for Sulphides (as H <sub>2</sub> S) in mg/L	
<b>North Perth Sewer Use By-Law Values</b>		
Parameter	Value	Description
TSS <sub>n</sub>	350	TSS (mg/L)
BOD <sub>n</sub>	300	Total CBOD (mg/L)
TKN <sub>n</sub>	100	Total TKN (mg/L)
OG <sub>n</sub>	100	Total O&G (mg/L)
P <sub>n</sub>	10	Total Phosphorous (mg/L)
H <sub>2</sub> S	2	Total Sulphides as H <sub>2</sub> S (mg/L)

#### **Hauled Wastewater Treatment Cost Allocation Factors**

Parameter	Value	Description
FN	\$0.60	Adjustment Factor (annual operating costs of the WWTP in dollars per cubic meter)
R <sub>n</sub>	\$11.50	Base discharge fee of hauled wastewater that meets the sewer use by-law (\$/m <sup>3</sup> )
FTSS	10%	TSS (dimensionless)
FBOD	20%	Total CBOD (dimensionless)
FTKN	30%	Total TKN (dimensionless)
FOG	25%	Total O&G (dimensionless)
FP	10%	Total Phosphorous (dimensionless)
FH <sub>2</sub> S	5%	Sulphides as H <sub>2</sub> S (dimensionless)

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**Extra Strength Surcharge Cost Allocation Factors**

Parameter	Value	Description
FN	\$0.78	Adjustment Factor
Rn	\$1.37	Base discharge fee of industrial wastewater that meets the sewer use by-law (\$/m3)
FTSS	20%	TSS (dimensionless)
FBOD	25%	Total CBOD (dimensionless)
FTKN	20%	Total TKN (dimensionless)
FOG	20%	Total O&G (dimensionless)
FP	10%	Total Phosphorous (dimensionless)
FH <sub>2</sub> S	5%	Sulphides as H <sub>2</sub> S (dimensionless)

**Hauled Wastewater/ Extra Strength Surcharge Application Fees**

New Application .....	\$150.00
Application Renewal.....	\$25.00
Request to Amend Application .....	\$75.00