

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.....		\$1.211
ICI Volumetric	<400 m3.....	\$0.904
	400-800 m3	\$0.817
	>800 m3.....	\$0.686

Base Rate Service Charge per connection
based on connection size:

	<u>Monthly</u>	<u>Bi-monthly</u>
15 mm (Residential)	\$20.21	\$40.42
18 mm	\$21.16	\$42.32
25 mm	\$22.92	\$45.84
40 mm and 50 mm.....	\$44.84	\$89.68
75 mm and 100 mm.....	\$91.94	\$183.88
Multi-unit Residential per unit charge	\$20.21	\$40.42
125mm & 150 mm.....	\$179.78	\$359.56

<u>Wastewater</u>		<u>m3</u>
Residential Volumetric.....		\$1.483
ICI Volumetric	c<400 m3.....	\$1.314
	400-800 m3.....	\$1.161
	>800 m3.....	\$0.993

Base Rate Service Charge per connection
based on connection size:

	<u>Monthly</u>	<u>Bi-monthly</u>
15 mm (Residential)	\$23.02	\$46.04
18mm	\$23.02	\$46.04
25mm	\$23.02	\$46.04
40mm and 50 mm.....	\$43.86	\$87.72
75mm and 100 mm.....	\$89.05	\$178.10
Multi-unit Residential per unit charge	\$23.02	\$46.04
125 mm & 150 mm.....	\$160.40	\$320.80

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	\$142.22	\$284.44
Exception Rate (unable to be metered)	\$29.77	\$ 59.54

THE MUNICIPALITY OF NORTH PERTH

SCHEDULE "Q"

TO BY-LAW NUMBER 160-2015

Miscellaneous Rates

Water

Temporary Hydrant Connection (includes backflow preventer test)	\$250.00
New Service – 1" water line from main to property line.....	\$5,500.00
Extra fee for winter installation from December 1 – April 1	\$3,500.00
New Service over 1"	Time and material will apply
Service and/or Sprinkler charges (Annual)	
2" service	\$216.50
4" service	\$433.30
6" service	\$866.70
8" service	\$1,300.10
10" service	\$1,733.50
Municipal Fire Hydrant Charge per unit	\$125.00
Change of Ownership	\$50.00
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 metre)	\$2.00
Minimum charge for year	\$50.00

Sewer

New Service –standard line from main to property line	\$5,500.00
Extra fee for winter installation from December 1 – April 1	\$3,500.00
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. Municipality of North Perth works department equipment is billed out at the equipment rates as set by North Perth, and amended from time to time.

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.

THE MUNICIPALITY OF NORTH PERTH

SCHEDULE "Q"

TO BY-LAW NUMBER 160-2015

Hauled Wastewater / Extra Strength Surcharge Fees

$$Fee = R_n + F_N \left[\frac{F_{TSS}(TSS_e - TSS_n)}{TSS_n} + \frac{F_{BOD}(BOD_e - BOD_n)}{BOD_n} + \frac{F_{TKN}(TKN_e - TKN_n)}{TKN_n} + \frac{F_{OG}(OG_e - OG_n)}{OG_n} + \frac{F_P(P_e - P_n)}{P_n} \right]$$

Fee	Canadian Dollars per cubic metre of waste treated (\$/m ³)
R _n	Minimum discharge fee per volume of hauled wastewater that meets the sewer use by-law
F _N	Adjustment Factor representing annual operating cost of the Wastewater Treatment Plant
F _{SS}	Cost allocated factor for suspended solids
S _{Se}	Expected suspended solids discharge in mg/L
S _{Sn}	By-law limit for suspended solids in mg/L
F _{BOD}	Cost allocated factor for BOD
B _{De}	Expected BOD discharge in mg/L
B _{Dn}	By-law limit for BOD in mg/L
F _{TKN}	Cost allocated factor for TKN
T _{KNe}	Expected TKN discharge in mg/L
T _{KNn}	By-law limit for TKN in mg/L
F _G	Cost allocated factor for oil and grease
G _e	Expected oil and grease discharge in mg/L
G _n	By-law limit for oil and grease in mg/L

North Perth Sewer Use By-Law Values

Parameter	Value	Description
TSS _n	350	TSS (mg/L)
BOD _n	300	Total CBOD (mg/L)
TKN _n	100	Total TKN (mg/L)
OG _n	100	Total O&G (mg/L)
P _n	10	Total Phosphorous (mg/L)

Hauled Wastewater Treatment Cost Allocation Factors

Parameter	Value	Description
F _N	\$0.41	Adjustment Factor (annual operating costs of the WWTP in dollars per cubic metre)
R _n	\$11.50	Base discharge fee of hauled wastewater that meets the sewer use by-law (\$/m ³)
F _{TSS}	10%	TSS (dimensionless)
F _{BOD}	20%	Total CBOD (dimensionless)
F _{TKN}	30%	Total TKN (dimensionless)
F _{OG}	30%	Total O&G (dimensionless)
F _P	10%	Total Phosphorous (dimensionless)

Extra Strength Surcharge Cost Allocation Factors

Parameter	Value	Description
F _N	\$0.78	Adjustment Factor
R _n	\$1.31	Base discharge fee of industrial wastewater that meets the sewer use by-law (\$/m ³)
F _{TSS}	25%	TSS (dimensionless)
F _{BOD}	25%	Total CBOD (dimensionless)
F _{TKN}	20%	Total TKN (dimensionless)
F _{OG}	20%	Total O&G (dimensionless)
F _P	10%	Total Phosphorous (dimensionless)

THE MUNICIPALITY OF NORTH PERTH

SCHEDULE "Q"

TO BY-LAW NUMBER 160-2015

Hauled Wastewater/ Extra Strength Surcharge Application Fees

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