

THE MUNICIPALITY OF NORTH PERTH

SCHEDULE "Q"

TO BY-LAW NUMBER 160-2015

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Water and Wastewater Rates

Metered Rates

<u>Water</u>	<u>m3</u>
Residential Volumetric.....	\$1.199
ICI Volumetric	
<400 m3.....	\$0.887
400-800 m3	\$0.793
>800 m3.....	\$0.659

Base Rate Service Charge per connection
based on connection size:

	<u>Monthly</u>	<u>Bi-monthly</u>
15 mm (Residential)	\$20.01.....	\$40.02
18 mm	\$20.95.....	\$41.90
25 mm	\$22.69.....	\$45.30
40 mm and 50 mm.....	\$44.39.....	\$88.78
75 mm and 100 mm.....	\$91.02.....	\$182.04
Multi-unit Residential per unit charge	\$20.01.....	\$20.01
125mm & 150 mm.....	\$178.00.....	\$356.00

<u>Wastewater</u>	<u>m3</u>
Residential Volumetric.....	\$1.345
ICI Volumetri	
c<400 m3.....	\$1.250
400-800 m3.....	\$1.094
>800 m3.....	\$0.927

Base Rate Service Charge per connection
based on connection size:

	<u>Monthly</u>	<u>Bi-monthly</u>
15 mm (Residential)	\$20.88.....	\$41.76
18mm	\$20.88.....	\$39.76
25mm	\$20.88.....	\$39.76
40mm and 50 mm.....	\$39.78.....	\$79.56
75mm and 100 mm.....	\$80.77.....	\$161.74
Multi-unit Residential per unit charge	\$20.88.....	\$41.76
125 mm & 150 mm.....	\$152.00.....	\$304.00

Non-Metered Rates

<u>Water</u>	<u>Monthly</u>	<u>Bimonthly</u>
Residential (single/multi) Flat rate per unit\$	\$129.00.....	\$258.00
Exception Rate (unable to be metered)	\$27.00.....	\$54.00

<u>Wastewater</u>	<u>Monthly</u>	<u>Bimonthly</u>
Residential (single/multi) Flat rate per unit	\$129.00.....	\$258.00
Exception Rate (unable to be metered)	\$27.00.....	\$ 54.00

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Water and Wastewater Rates cont'd

Miscellaneous Rates

Water

Temporary Hydrant Connection (includes backflow preventer test)	\$250.00
New Service – 1" water line from main to property line including road restoration.....	\$5,000.00
Extra fee for winter installation from December 1 – April 1	\$3,000.00
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 includes Road restoration	\$5,000.00
Extra fee for winter installation from December 1 – April 1	\$3,000.00
Wastewater Lateral Connection Permit	\$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.

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Water and Wastewater Rates cont'd

North Perth Septage Receiving Fees

Minimum fee per cubic metre \$11.25/m³

Fees are determined based on lab results either collected by North Perth Staff or are obtained by the prospective hauler. The samples results are then entered into the following formula and a rate is determined.

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

Where:

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
BOD _e	Expected BOD discharge in mg/L
BOD _n	By-law limit for BOD in mg/L
F _{TKN}	Cost allocated factor for TKN
TKN _e	Expected TKN discharge in mg/L
TKN _n	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)

Cost Allocation Factors

Parameter	Value	Description
FN	\$0.40	Adjustment Factor (annual operating costs of the WWTP in dollars per cubic metre)
R _n	\$6.00	Base discharge fee of industrial wastewater that meets the sewer use by-law (\$/m ³)
FTSS	10%	TSS (dimensionless)
FBOD	20%	Total CBOD (dimensionless)
FTKN	30%	Total TKN (dimensionless)
FOG	30%	Total O&G (dimensionless)
FP	10%	Total Phosphorous (dimensionless)

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North Perth Septage Receiving Fees cont'd

Hauled Wastewater Application Fees

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