

**THE CITY OF EDMONTON**

**BYLAW 15924**

**SEWERS USE BYLAW AMENDMENT No. 28**

Edmonton City Council enacts:

- 1 Bylaw 9675, the Sewers Use Bylaw, is amended by this bylaw.
- 2 Schedule "E" Rates is repealed and replaced with the attached Schedule "E" Rates (2012)
- 3 Section 2 comes in to effect January 1, 2012

Read a first time

Read a second time

Read a third time

SIGNED AND PASSED

THE CITY OF EDMONTON

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MAYOR

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CITY CLERK

**SCHEDULE “E” RATES (2012)**

The rates in each of the following parts become effective January 1, 2012.

**Part 1 (a) – Sanitary Sewer Charges**

Charges are based upon metered water consumption.

For this schedule “residential” shall mean an individual metered dwelling unit, and “m<sup>3</sup>” means cubic meter.

**a) Residential Customers**

(i) Monthly Service Charge:

Collection & Transmission	\$4.83
Wastewater Treatment	\$2.89
Total	\$7.72

(ii) Consumption Charge

(A) Per m<sup>3</sup> per month:

Collection & Transmission	\$0.9231
Wastewater Treatment	\$0.5526
Total	\$1.4757

(iii) Seasonal Charge Reduction – During the period April 1 to September 30, the metered water consumption used in calculating the Sanitary Sewer consumption charge will be the lesser of:

(A) the metered water consumption, or

(B) the average monthly winter consumption plus five (5) cubic meters.

Where it is not possible to calculate the average monthly winter consumption due to lack of consumption history for the entire period of October 1 to March 31, the consumption charge will be based on the metered water consumption.

**b) Commercial/Industrial Customers**

(i) Monthly Service Charge:

Collection & Transmission	\$4.83
Wastewater Treatment	\$2.89

Total	\$7.72
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## (ii) Consumption Charge

(A) For the first 10,000 m<sup>3</sup> per month:

Collection & Transmission	\$0.9231
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Wastewater Treatment	\$0.5526
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Total	\$1.4757
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(B) Over 10,000 m<sup>3</sup> per month:

Collection & Transmission	\$0.7142
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Wastewater Treatment	\$0.4275
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Total	\$1.1417
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(C) Over 100,000 m<sup>3</sup> per month sewer usage charges for the largest customers (greater than 100,000 m<sup>3</sup> per month) will be negotiated with the Manager, subject to final approval by City Council.

- c) Treatment of wastewater not transmitted through the City owned sewerage system: cost per m<sup>3</sup> \$0.70
- d) Transmission of wastewater through the City owned sewerage system: cost per m<sup>3</sup> \$0.18
- e) Service calls for investigating and releasing of plugged sewer. \$233.42

**Part 1 (b) – Land Drainage Charges**

Charges are based upon property size, the intensity of development, a runoff coefficient in relation to the land zoning, and a city-wide monthly rate. Charges are calculated as follows:

$$A \times I \times R \times \text{rate} = \text{land drainage utility charge}$$

where:

- A is:
- the area of property (m<sup>2</sup>), and
  - the proportion of building lot area attributable to each unit for multiple units sharing a single building or property.

I is: - the development intensity factor of 1.0, except for properties where owners have demonstrated under Sections 35.1(2) and 35.1(3) that they contribute significantly less storm water runoff per property area to the City's land drainage systems during rainfalls than other similarly zoned properties.

R is: - the runoff coefficient based on the following land zoning:

R	Land Zoning
0.20	A,AG,RR
0.30	AP,US (schools)
0.50	RF1,RF2,RF3, RF4,RMH,IH,MA,AGU
0.65	RSL,RF5,RF6,RA7,RPL
0.75	RA8,US(except schools),PU
0.90	RA9,RMX,CNC, CSC,CB1,CHY,CO,IB,IM,AGI,DC
0.95	CB2,CMX

“rate” is: - the monthly rate of \$0.026375 per m<sup>2</sup>.

### **Part 2 – Hauled Wastewater**

- a) 15.04 per axle (excluding the first steering axle), and
- b) Wastewater having a settleable solids concentration greater than 100 ml/L shall be charged twice the rate indicated in clause (a).

### **Part 4(a) – Wastewater Overstrength Surcharge**

The Overstrength surcharge for each kilogram of surchargeable matter per cubic meter of wastewater that exceeds the concentration indicated for that matter, in Column A of Schedule “D” annexed to Bylaw 9675 shall be:

- a) 34.61 cents for Biochemical Oxygen Demand (B.O.D.),
- b) 34.61 cents for Chemical Oxygen Demand (C.O.D.),
- c) 30.27 cents for oil and grease,
- d) 2.88 dollars for phosphorous,
- e) 31.42 cents for suspended solids, and
- f) 73.51 cents for total kjeldahl nitrogen.

### **Part 4(b) – Wastewater Overstrength Additional Surcharge**

The additional Overstrength surcharge for each kilogram of surchargeable matter per cubic meter of wastewater that exceeds the concentration indicated for that matter, in Column B of Schedule “D” annexed to Bylaw 9675 shall be:

- a) 34.61 cents for Biochemical Oxygen Demand (B.O.D.)
- b) 34.61 cents for Chemical Oxygen Demand (C.O.D.),

- c) 30.27 cents for oil and grease,
- d) 2.88 dollars for phosphorous,
- e) 31.42 cents for suspended solids, and
- f) 73.51 cents for total kjeldahl nitrogen.

**NOTE: The overstrength surcharge that appears on the City Utility Services bill is calculated using the following formula:**

Overstrength surcharge (\$) =

$$\frac{m^3 \{ (Ob(Cxb-300) + Oc(Cxc-Cac) + Oo(Cxo-100) + Op(Cxp-10) + Os(Cxs-300) + On(Cxn-50)) \}}{100,000}$$

Where:

- m<sup>3</sup> is the total water consumption in cubic meters;
- Ob, Oc, Oo, Op, Os and On are the Overstrength surcharge set out in part 4(a) for each kilogram of B.O.D., C.O.D., oil and grease, phosphorus, suspended solids, and T.K.N.
- Cxb, Cxc, Cxo, Cxp, Cxs, Csn are the average concentrations in milligrams per litre (mg/L) of B.O.D., C.O.D., oil and grease, phosphorus, suspended solids and T.K.N. in the sampled wastewater.
- Cac is 600 or double the average B.O.D. concentration in mg/L, whichever is greater
- The additional surcharge is calculated using the above formula but substituting 3000, 400, 75, 3000, and 200 for 300, 100, 10, 300 and 50 respectively, and Cac is 6000 or double the average B.O.D. concentration in mg/L, whichever is greater.
- Where the remainder of a subtraction is a negative number, that component of the formula becomes equal to zero.

### **Part 5 – Application Fees**

a) Permit to Release fee	\$324.58 per year of Permit Term
b) Compliance Approval fee	\$324.58 per year of Approval Term
c) Records Search (per Address) fee	\$100.51 plus GST
d) Application for Sewer Metering fee	\$250.00 per application (GST inclusive)
e) Application for Contributive Sewer Utility fee	\$250.00 per application (GST inclusive)
f) Application for Reduction in Land Drainage Utility Development Intensity Factor Fee	\$250.00 per application (GST inclusive)