

## Sewers Use Bylaw 9675 Amendment No. 28

**SCHEDULE "E" SUMMARY OF PROPOSED AMENDMENTS**

<b>BYLAW 9675</b> EXISTING SECTION	<b>BYLAW 9675</b> PROPOSED SECTION																								
<p>That effective January 1, 2011, Schedule "E" attached to Bylaw 9675 be deleted and the following Schedule "E" substituted.</p> <p style="text-align: center;"><b><u>SCHEDULE E – RATES (2011)</u></b></p> <p>The rates in each of the following parts become effective January 1, 2011.</p> <p><b><u>Part 1 (a) – Sanitary Sewer Charges</u></b> Charges are based upon metered water consumption.</p> <p>For this schedule "residential" shall mean an individual metered dwelling unit, and "m<sup>3</sup>" means cubic meter.</p> <p>a) <b>Residential Customers</b></p> <p>(i) Monthly Service Charge:</p> <table data-bbox="324 1234 792 1411"> <tr> <td>Collection &amp; Transmission</td> <td>\$3.59</td> </tr> <tr> <td>Wastewater Treatment</td> <td>\$2.89</td> </tr> <tr> <td>Total</td> <td>\$6.48</td> </tr> </table> <p>(ii) Consumption Charge</p> <p>(A) Per m<sup>3</sup> per month:</p> <table data-bbox="324 1579 824 1755"> <tr> <td>Collection &amp; Transmission</td> <td>\$0.6863</td> </tr> <tr> <td>Wastewater Treatment</td> <td>\$0.5526</td> </tr> <tr> <td>Total</td> <td>\$1.2389</td> </tr> </table> <p>(iii) Seasonal Charge Reduction – During the period April 1 to September 30, the</p>	Collection & Transmission	\$3.59	Wastewater Treatment	\$2.89	Total	\$6.48	Collection & Transmission	\$0.6863	Wastewater Treatment	\$0.5526	Total	\$1.2389	<p>That effective January 1, 2012, Schedule "E" attached to Bylaw 9675 be deleted and the following Schedule "E" substituted.</p> <p style="text-align: center;"><b><u>SCHEDULE E – RATES (2011)</u></b></p> <p>The rates in each of the following parts become effective January 1, 2012.</p> <p><b><u>Part 1 (a) – Sanitary Sewer Charges</u></b> Charges are based upon metered water consumption.</p> <p>For this schedule "residential" shall mean an individual metered dwelling unit, and "m<sup>3</sup>" means cubic meter.</p> <p>a) <b>Residential Customers</b></p> <p>(i) Monthly Service Charge:</p> <table data-bbox="954 1234 1422 1411"> <tr> <td>Collection &amp; Transmission</td> <td>\$4.83</td> </tr> <tr> <td>Wastewater Treatment</td> <td>\$2.89</td> </tr> <tr> <td>Total</td> <td>\$7.72</td> </tr> </table> <p>(ii) Consumption Charge</p> <p>(A) Per m<sup>3</sup> per month:</p> <table data-bbox="954 1579 1455 1755"> <tr> <td>Collection &amp; Transmission</td> <td>\$0.9231</td> </tr> <tr> <td>Wastewater Treatment</td> <td>\$0.5526</td> </tr> <tr> <td>Total</td> <td>\$1.4757</td> </tr> </table> <p>(iii) Seasonal Charge Reduction – During the period April 1 to September 30, the</p>	Collection & Transmission	\$4.83	Wastewater Treatment	\$2.89	Total	\$7.72	Collection & Transmission	\$0.9231	Wastewater Treatment	\$0.5526	Total	\$1.4757
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<p>metered water consumption used in calculating the Sanitary Sewer consumption charge will be the lesser of:</p> <p>(A) the metered water consumption, or</p> <p>(B) the average monthly winter consumption plus five (5) cubic meters.</p> <p>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.</p> <p><b>b) Commercial/Industrial Customers</b></p> <p>(i) Monthly Service Charge:</p> <table> <tbody> <tr> <td>Collection &amp; Transmission</td> <td>\$3.59</td> </tr> <tr> <td>Wastewater Treatment</td> <td>\$2.89</td> </tr> <tr> <td>Total</td> <td>\$6.48</td> </tr> </tbody> </table> <p>(ii) Consumption Charge</p> <p>(A) For the first 10,000 m<sup>3</sup> per month:</p> <table> <tbody> <tr> <td>Collection &amp; Transmission</td> <td>\$0.6863</td> </tr> <tr> <td>Wastewater Treatment</td> <td>\$0.5526</td> </tr> <tr> <td>Total</td> <td>\$1.2389</td> </tr> </tbody> </table> <p>(B) Over 10,000 m<sup>3</sup> per month:</p> <table> <tbody> <tr> <td>Collection &amp; Transmission</td> <td>\$0.5310</td> </tr> <tr> <td>Wastewater Treatment</td> <td>\$0.4275</td> </tr> <tr> <td>Total</td> <td>\$0.9585</td> </tr> </tbody> </table>	Collection & Transmission	\$3.59	Wastewater Treatment	\$2.89	Total	\$6.48	Collection & Transmission	\$0.6863	Wastewater Treatment	\$0.5526	Total	\$1.2389	Collection & Transmission	\$0.5310	Wastewater Treatment	\$0.4275	Total	\$0.9585	<p>metered water consumption used in calculating the Sanitary Sewer consumption charge will be the lesser of:</p> <p>(A) the metered water consumption, or</p> <p>(B) the average monthly winter consumption plus five (5) cubic meters.</p> <p>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.</p> <p><b>b) Commercial/Industrial Customers</b></p> <p>(i) Monthly Service Charge:</p> <table> <tbody> <tr> <td>Collection &amp; Transmission</td> <td>\$4.83</td> </tr> <tr> <td>Wastewater Treatment</td> <td>\$2.89</td> </tr> <tr> <td>Total</td> <td>\$7.72</td> </tr> </tbody> </table> <p>(ii) Consumption Charge</p> <p>(A) For the first 10,000 m<sup>3</sup> per month:</p> <table> <tbody> <tr> <td>Collection &amp; Transmission</td> <td>\$0.9231</td> </tr> <tr> <td>Wastewater Treatment</td> <td>\$0.5526</td> </tr> <tr> <td>Total</td> <td>\$1.4757</td> </tr> </tbody> </table> <p>(B) Over 10,000 m<sup>3</sup> per month:</p> <table> <tbody> <tr> <td>Collection &amp; Transmission</td> <td>\$0.7142</td> </tr> <tr> <td>Wastewater Treatment</td> <td>\$0.4275</td> </tr> <tr> <td>Total</td> <td>\$1.1417</td> </tr> </tbody> </table>	Collection & Transmission	\$4.83	Wastewater Treatment	\$2.89	Total	\$7.72	Collection & Transmission	\$0.9231	Wastewater Treatment	\$0.5526	Total	\$1.4757	Collection & Transmission	\$0.7142	Wastewater Treatment	\$0.4275	Total	\$1.1417
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<p>(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.</p> <p>c) Treatment of wastewater not transmitted through the City owned sewerage system: cost per m<sup>3</sup> \$0.70</p> <p>d) Transmission of wastewater through the City owned sewerage system: cost per m<sup>3</sup> \$0.11</p> <p>e) Service calls for investigating and releasing of plugged sewer. \$212.20</p>	<p>(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.</p> <p>c) Treatment of wastewater not transmitted through the City owned sewerage system: cost per m<sup>3</sup> \$0.70</p> <p>d) Transmission of wastewater through the City owned sewerage system: cost per m<sup>3</sup> \$0.18</p> <p>e) Service calls for investigating and releasing of plugged sewer. \$233.42</p>
<p><b><u>Part 1 (b) – Land Drainage Charges</u></b></p> <p>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:</p> $A \times I \times R \times \text{rate} = \text{land drainage utility charge}$ <p>where:</p> <p>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.</p> <p>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</p>	<p><b><u>Part 1 (b) – Land Drainage Charges</u></b></p> <p>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:</p> $A \times I \times R \times \text{rate} = \text{land drainage utility charge}$ <p>where:</p> <p>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.</p> <p>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</p>

<p>zoned properties.</p> <p>R is:- the runoff coefficient based on the following land zoning:</p> <table border="1"> <thead> <tr> <th>R</th> <th>Land Zoning</th> </tr> </thead> <tbody> <tr> <td>0.20</td> <td>A,AG,RR</td> </tr> <tr> <td>0.30</td> <td>AP,US (schools)</td> </tr> <tr> <td>0.50</td> <td>RF1,RF2,RF3, RF4,RMH,IH,MA,AGU</td> </tr> <tr> <td>0.65</td> <td>RSL,RF5,RF6,RA7,RPL</td> </tr> <tr> <td>0.75</td> <td>RA8,US(except schools),PU</td> </tr> <tr> <td>0.90</td> <td>RA9,RMX,CNC, CSC,CB1,CHY,CO,IB,IM, AGI,DC</td> </tr> <tr> <td>0.95</td> <td>CB2,CMX</td> </tr> </tbody> </table> <p>“rate” is: - the monthly rate of \$0.021426 per m2.</p>	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	<p>properties.</p> <p>R is:- the runoff coefficient based on the following land zoning:</p> <table border="1"> <thead> <tr> <th>R</th> <th>Land Zoning</th> </tr> </thead> <tbody> <tr> <td>0.20</td> <td>A,AG,RR</td> </tr> <tr> <td>0.30</td> <td>AP,US (schools)</td> </tr> <tr> <td>0.51</td> <td>RF1,RF2,RF3, RF4,RMH,IH,MA,AGU</td> </tr> <tr> <td>0.65</td> <td>RSL,RF5,RF6,RA7,RPL</td> </tr> <tr> <td>0.75</td> <td>RA8,US(except schools),PU</td> </tr> <tr> <td>0.90</td> <td>RA9,RMX,CNC, CSC,CB1,CHY,CO,IB,IM, AGI,DC</td> </tr> <tr> <td>0.95</td> <td>CB2,CMX</td> </tr> </tbody> </table> <p>“rate” is: - the monthly rate of \$0.026375 per m2.</p>	R	Land Zoning	0.20	A,AG,RR	0.30	AP,US (schools)	0.51	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
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<p><b><u>Part 2 – Hauled Wastewater</u></b></p> <p>a) 14.65 per axle (excluding the first steering axle), and</p> <p>b) Wastewater having a settleable solids concentration greater than 100 ml/L shall be charged twice the rate indicated in clause (a).</p>	<p><b><u>Part 2 – Hauled Wastewater</u></b></p> <p>a) 15.04 per axle (excluding the first steering axle), and</p> <p>b) Wastewater having a settleable solids concentration greater than 100 ml/L shall be charged twice the rate indicated in clause (a).</p>																																
<p><b><u>Part 4(a) – Wastewater Overstrength Surcharge</u></b></p> <p>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:</p> <p>a) 34.61 cents for Biochemical Oxygen Demand (B.O.D.),</p> <p>b) 34.61 cents for Chemical Oxygen Demand (C.O.D.),</p> <p>c) 30.27 cents for oil and grease,</p> <p>d) 2.88 dollars for phosphorous,</p> <p>e) 31.42 cents for suspended solids,</p>	<p><b><u>Part 4(a) – Wastewater Overstrength Surcharge</u></b></p> <p>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:</p> <p>a) 34.61 cents for Biochemical Oxygen Demand (B.O.D.),</p> <p>b) 34.61 cents for Chemical Oxygen Demand (C.O.D.),</p> <p>c) 30.27 cents for oil and grease,</p> <p>d) 2.88 dollars for phosphorous,</p> <p>e) 31.42 cents for suspended solids,</p>																																

<p>and f) 73.51 cents for total kjeldahl nitrogen.</p> <p><b><u>Part 4(b) – Wastewater Overstrength Additional Surcharge</u></b></p> <p>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:</p> <p>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.</p> <p><b>NOTE: The overstrength surcharge that appears on the City Utility Services bill is calculated using the following formula:</b></p> <p>Overstrength surcharge (\$) =</p> $\frac{m^3\{(Ob(Cxb-300)+Oc(Cxc-Cac)+Oo(Cxo-100)+Op(Cxp-10)+Os(Cxs-300)+On(Cxn-50)\}}{100,000}$ <p>Where: m<sup>3</sup> is the total water consumption in cubic meters;</p> <ul style="list-style-type: none"> <li>- 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.</li> </ul>	<p>and f) 73.51 cents for total kjeldahl nitrogen.</p> <p><b><u>Part 4(b) – Wastewater Overstrength Additional Surcharge</u></b></p> <p>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:</p> <p>g) 34.61 cents for Biochemical Oxygen Demand (B.O.D.) h) 34.61 cents for Chemical Oxygen Demand (C.O.D.), i) 30.27 cents for oil and grease, j) 2.88 dollars for phosphorous, k) 31.42 cents for suspended solids, and l) 73.51 cents for total kjeldahl nitrogen.</p> <p><b>NOTE: The overstrength surcharge that appears on the City Utility Services bill is calculated using the following formula:</b></p> <p>Overstrength surcharge (\$) =</p> $\frac{m^3\{(Ob(Cxb-300)+Oc(Cxc-Cac)+Oo(Cxo-100)+Op(Cxp-10)+Os(Cxs-300)+On(Cxn-50)\}}{100,000}$ <p>Where: m<sup>3</sup> is the total water consumption in cubic meters;</p> <ul style="list-style-type: none"> <li>- 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.</li> </ul>
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- 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 – \$316.20 per year of Permit Term
- b) Compliance Approval fee – \$316.20 per year of Approval Term
- c) Records Search (per Address) fee – \$97.92 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)

- 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.
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#### **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)