

TO: M. Bragg, CAO

FROM: B. Smith, Public Works Services Coordinator
D. Goudreau, Manager of Water Services
S. Shafai, Manager of Wastewater Services
R. Walton, Director of Public Works

SUBJECT: County of Oxford Water and Wastewater Systems
2011 to 2013 Water and Wastewater Rates

RECOMMENDATION:

That Public Works Report D-1 2010-42, regarding the proposed 2011 to 2013 water and wastewater rates, be received as information;

And that staff be directed to set up a public meeting to consider the water and wastewater rates at the County Council meeting scheduled for June 23, 2010; } NOTE

And that the information contained in this report be circulated to the area municipalities for information.

PURPOSE:

The purpose of this report is to provide County Council and County residents with information about the proposed 2011 to 2013 water and wastewater rates in advance of the proposed public meeting.

BACKGROUND

It is the County's practice to hold a public meeting prior to passing a new rates by-law. The public meeting will be advertised in local newspapers and on the County website. Any member of the public can request details of the proposed rates or fees.

The public meeting will be scheduled for Wednesday, June 23, 2010 at 7:00 p.m. at the Oxford County Administration building. The background report, including the proposed rates by-law, will be available on line at www.oxfordcounty.ca, and the proposed by-law is provided as Attachment No. 1.

The public meeting being held on June 23, 2010 is a standard practice. However, over the past two years there have been many factors which have changed the rates process going forward for Oxford County. These issues are as follows:

- a) Implementation of recommendations from the Hemson Rates Study such as a common "Humpback" volumetric rate County wide, and amalgamation of the small and medium water systems into the Township Water Systems.

- b) Implementation of residential water meters for the Woodstock Water System, with volumetric rates to start January 1, 2011.
- c) The requirement to complete a Financial Plan as part of the Licensing of County Drinking Water Systems. The legislation requires the Plan be submitted no later than six months following the issuance of the System License. Staff are in the process of developing the Financial Plan as the System Licenses are anticipated to be issued shortly. It is the intention to present the Financial Plan to Council for approval before the fall, 2010. The financial projections provided in Attachment No. 2 form the foundation of the Financial Plan which will also include two main appendices:
 - i) Water and Wastewater Systems Full Cost of Services Recovery Plan, Hemson 2008 which provides financial projections based on the requirements of the Sustainable Water and Sewage Systems Act (Attachment No. 3).
 - ii) Full Cost of Services Report, Genivar 2007, which is an asset evaluation of the water and wastewater systems owned by the County and projects future replacement capital needs (Attachment No. 4).

The legislation requires that a Financial Plan project out at least six years. County staff have tempered the rate increases initially proposed in the Hemson report using the following means:

- a) smoothing rate increases over a longer time
- b) taking a critical look at the six year capital plan based on known projects and reasonable projections
- c) lowering the expectations for reserve amounts by funding future capital projects from a combination of reserves, current year revenue and debentures (when required for large projects such as wastewater plant upgrades).

The background material, provided as Attachment No. 2, includes financial projections for each water and wastewater system. As discussed at County Council last June during deliberations for the 2009/2010 rates, the template has been simplified to show revenues, operating expenses, capital, debt payments and revenue funds. The impacts of the projected rate increases are also shown for three typical customers for each system; a residential customer using 22.5 cubic meters, a commercial customer with a 50 mm water meter and an industrial customer. With the humpback rates it is impossible to do straight projections for gross revenue increases to an individual customer and this information should illustrate the range of impacts.

COMMENTARY

Water and wastewater has had a major transition in Oxford County since 1999/2000 when operations were transferred to the County. That strategic plan was significantly impacted by the Walkerton tragedy and the resulting changes to legislation in Ontario.

The plan laid out in this report will be supplemented by the Financial Plan, once prepared. The financial information appended to this report illustrates projected reserve fund balances for each system compared to the asset values. The projected balances are lower than those typically proposed in the Hemson Report, but clearly rate increases as shown are required to build revenues which are generally very low at this time.

As noted previously, the Financial Plan is a requirement for drinking water systems as part of the System License. The requirements of the Financial Plan are specified in Ontario Regulation 453/07, Financial Plans and include the requirement that the Plan be approved by a resolution of Council.

The next steps to deal with the 2011 to 2013 Water and Wastewater Rates and the Financial Plan are listed as follows:

1. advertise the Public Meeting for June 23, 2010
2. make the information available to the Public
3. June 23, 2010 Public Meeting for rates
4. present the Financial Plan to County Council for consideration
5. July 14, 2010 County Council meeting; pass 2011 to 2013 Water and Wastewater Rates By-law.
6. Council adoption of the Financial Plan and submission to the Province.

"Brenda Smith"

Brenda Smith
Public Works Services Coordinator

"Deborah Goudreau"

D. Goudreau, P. Eng.
Manager of Water Services

"Shahab Shafai"

S. Shafai, P. Eng.
Manager of Wastewater Services

"Michael Campbell" for

Robert Walton, P.Eng.
Director of Public Works

"M.R. Bragg"

Michael R. Bragg
CAO

Dated: May 19, 2010

Attachment No. 1 Proposed 2011-2013 Water and Wastewater Rates By-law
Attachment No. 2 Financial Projections
Attachment No. 3 Water & Wastewater Systems Full Cost of Services Recovery – Hemson 2008
Attachment No. 4 Full Cost of Services Report – Genivar 2007

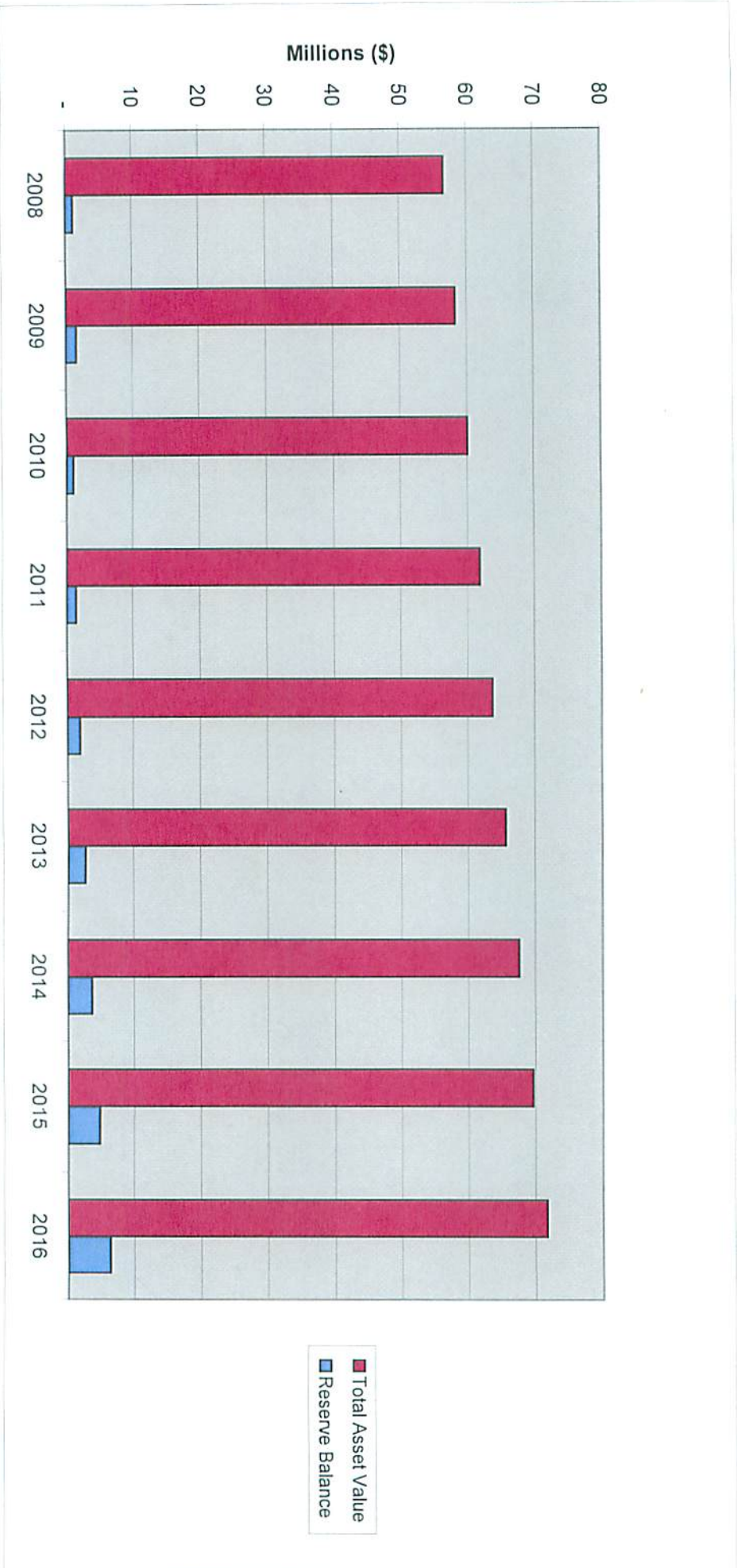


Ingersoll Water System Financial Projections 2011-2016

	2008 Actual	2009 Actual	2010 Budget	2011 Projected	2012 Projected	2013 Projected	2014 Projected	2015 Projected	2016 Projected
RATE REVENUE	(1,961,138)	(1,988,907)	(2,305,438)	(2,559,000)	(2,840,500)	(3,153,000)	(3,499,800)	(3,884,800)	(4,312,100)
OPERATING EXPENSE	1,025,978	1,225,414	1,596,256	1,826,100	1,899,200	1,975,100	2,054,100	2,136,300	2,221,800
DEBT REPAYMENT	19,805	19,353	18,900	18,500	18,000	17,500	17,100	16,600	8,100
NET REVENUE	(915,355)	(744,141)	(690,282)	(714,400)	(923,300)	(1,160,400)	(1,428,600)	(1,731,900)	(2,082,200)
CAPITAL	948,087	264,088	1,831,108	345,000	396,800	436,400	480,000	528,000	550,000
OTHER	-	-	(550,000)	-	-	-	-	-	-
DEBENTURE REQUIREMENT	-	-	-	-	-	-	-	-	-
RESERVES TO/(FROM)	(32,732)	480,052	(590,826)	369,500	526,600	723,900	948,600	1,203,900	1,532,200
GRAND TOTAL	-	-	-	-	-	-	-	-	-
Reserve Balance	1,109,840	1,589,893	999,067	1,368,500	1,895,200	2,619,100	3,567,700	4,771,500	6,303,700
Total Asset Value	56,593,000	58,291,000	60,040,000	61,841,000	63,696,000	65,607,000	67,575,000	69,602,000	71,690,000

Notes:
 2008 & 2009 based on Actuals / 2010 based on Budget / 2011 - 2016 based on staff projections
 CSAP & 170 Upgrade Funds excluded from revenues
 misc non rate revenue net from expenditures
 Customer Growth rate based on 2% per year
 2011 - 2016 Development Charges based on County Development Charge report
 Long Term Capital excludes development capital, amounts based on annual review with adjustments for capacity
 Asset replacement value based on Genivar valuations with new Supply and new Distribution capital as additions with inflation factor
 Linear replacements excluded from any increase to asset valuation
 Debt repayment based on actual debenture obligations with projections for new debt / Projections for new debt based on 5% with 20 year amortization
 Future 'Source Water Protection' program costs not included
 Other is Customer Contribution

Ingersoll Water System Asset Value and Reserve Fund Comparison





Ingersoll Water System Typical Yearly Charges by Customer Type

Customer Type	Typical Customer Yearly Charges			
	Existing	Proposed		
	2010	2011	2012	2013
Residential	\$370	\$405 9.5%	\$444 9.6%	\$487 9.7%
Commercial	\$6,652	\$7,145 7.4%	\$7,675 7.4%	\$8,251 7.5%
Industrial	\$24,774	\$26,605 7.4%	\$28,586 7.4%	\$30,731 7.5%

Notes:

Residential Customer ¾" meter & 22.5 cubic metres per month

Commercial Customer 2" meter & 618 cubic metres per month

Industrial Customer 3" meter & 2,500 cubic metres per month



Township Water System Financial Projections 2011 - 2016

	2008 Actual	2009 Actual	2010 Budget	2011 Projected	2012 Projected	2013 Projected	2014 Projected	2015 Projected	2016 Projected
RATE REVENUE	(3,000,647)	(3,180,175)	(2,626,136)	(2,915,000)	(3,235,700)	(3,591,600)	(3,986,700)	(4,425,200)	(4,912,000)
OPERATING EXPENSE	1,641,179	1,410,264	2,292,645	2,503,600	2,603,700	2,707,900	2,816,200	2,928,800	3,046,000
DEBT REPAYMENT	200,100	184,771	280,347	153,800	154,200	141,600	141,600	188,800	188,800
NET REVENUE	(1,159,367)	(1,585,139)	(53,144)	(257,600)	(477,800)	(742,100)	(1,028,900)	(1,307,600)	(1,677,200)
CAPITAL	1,343,101	681,686	6,642,186	810,000	1,675,000	525,000	1,075,000	400,000	525,000
OTHER	(86,583)	(154,285)	(3,799,999)	-	-	-	-	-	-
DEBENTURE REQUIREMENT	-	(142,460)	-	-	(1,500,000)	-	(500,000)	-	-
RESERVES TO/(FROM)	(97,150)	1,200,198	(2,789,043)	(552,400)	302,700	217,100	453,900	907,600	1,152,200
GRAND TOTAL	-	-	-	-	-	-	-	-	-
Reserve Balance	2,510,726	3,710,923	921,880	369,500	672,200	889,300	1,343,200	2,250,800	3,403,000
Total Asset Value	72,400,000	75,072,000	82,979,000	85,979,000	89,933,000	92,856,000	96,417,000	99,409,000	102,616,000

Notes:
 2008 & 2009 based on Actuals / 2010 based on Budget / 2011 - 2016 based on staff projections
 CSAP & 170 Upgrade Funds excluded from revenues
 misc non rate revenue net from expenditures
 Customer Growth rate based on 2% per year
 2011 - 2016 Development Charges based on County Development Charge report
 Long Term Capital excludes development capital, amounts based on annual review with adjustments for capacity
 Asset replacement value based on Genivar valuations with new Supply and new Distribution capital as additions with inflation factor
 Linear replacements excluded from any increase to asset valuation
 Debt repayment based on actual debenture obligations with projections for new debt / Projections for new debt based on 5% with 20 year amortization
 Future 'Source Water Protection' program costs not included
 Other is Customer Contribution



Ingersoll Wastewater System Financial Projections 2011 - 2016

	2008	Actual 2009	Actual 2010	Budget	2011 Projected	2012 Projected	2013 Projected	2014 Projected	2015 Projected	2016 Projected
RATE REVENUE	(2,295,855)	(2,354,895)	(2,732,667)		(3,033,300)	(3,366,900)	(3,737,300)	(4,148,400)	(4,604,700)	(5,111,200)
OPERATING EXPENSE	1,043,117	1,125,570	1,407,676		1,537,200	1,598,700	1,662,600	1,729,100	1,798,300	1,870,200
DEBT REPAYMENT	359,740	351,944	345,070		337,300	424,200	1,063,500	1,754,800	2,112,700	2,112,700
NET REVENUE	(892,998)	(877,380)	(979,921)		(1,158,800)	(1,344,000)	(1,011,200)	(664,500)	(693,700)	(1,128,300)
CAPITAL	1,230,999	830,516	4,137,104		1,838,200	11,219,000	12,718,000	6,216,000	213,000	210,000
OTHER	-	-	(289,000)		-	-	(1,000,000)	-	-	-
DEBENTURE REQUIREMENT	-	-	(819,000)		(1,500,000)	(10,000,000)	(10,800,000)	(5,650,000)	-	-
RESERVES TO/(FROM)	(338,001)	46,864	(2,049,183)		820,600	125,000	93,100	98,400	480,700	918,300
GRAND TOTAL	-	-	-		-	-	-	-	-	-
Reserve Balance	2,050,808	2,097,672	48,489		869,100	994,100	1,087,300	1,185,700	1,666,400	2,584,700
Total Asset Value	56,734,000	58,436,000	62,959,000		67,148,000	80,162,000	95,067,000	103,919,000	107,037,000	110,248,000

Notes:

2008 & 2009 based on Actuals / 2010 based on Budget / 2011 - 2016 based on staff projections

CSAP & 170 Upgrade Funds excluded from revenues

misc non rate revenue net from expenditures

Customer Growth rate based on 2% per year

2011 - 2016 Development Charges based on County Development Charge report

Long Term Capital excludes development capital, amounts based on annual review with adjustments for capacity

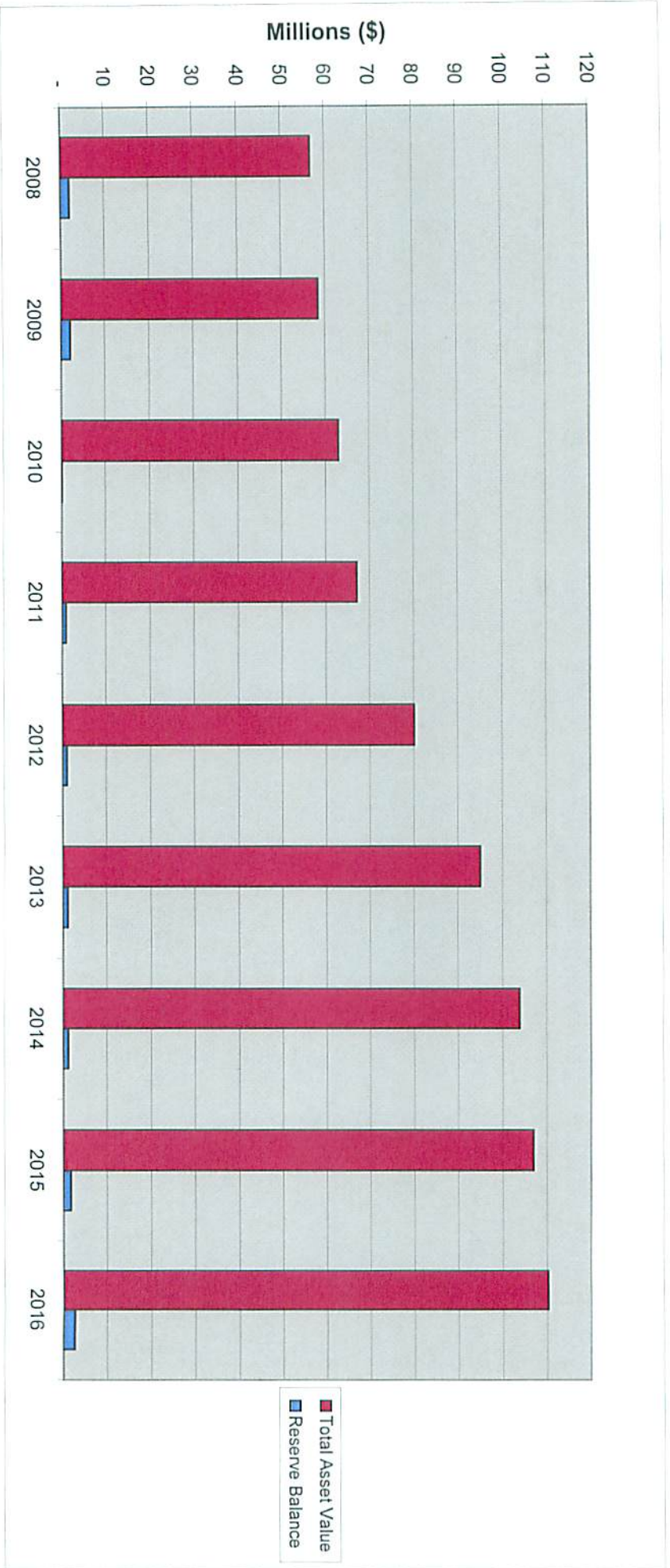
Asset replacement value based on Genivar valuations with new Treatment and new Linear capital as additions with inflation factor

Linear replacements excluded from any increase to asset valuation

Debt repayment based on actual debenture obligations with projections for new debt / Projections for new debt based on 5% with 30 year amortization

Other is Customer Contribution

Ingersoll Wastewater System Asset Value and Reserve Fund Comparison





Ingersoll Wastewater System Typical Yearly Charges by Customer Type

Customer Type	Typical Customer Yearly Charges			
	Existing	Proposed		
	2010	2011	2012	2013
Residential	\$456	\$497 9%	\$542 9%	\$591 9%
Commercial	\$6,634	\$7,227 8.9%	\$7,933 9.8%	\$8,708 9.8%
Industrial	\$26,680	\$28,957 8.5%	\$31,508 8.8%	\$34,284 8.8%

Notes:

Residential Customer ¾" meter & 22.5 cubic metres per month

Commercial Customer 2" meter & 618 cubic metres per month

Industrial Customer 3" meter & 2,500 cubic metres per month

**SCHEDULE "A" TO BY-LAW NO.
WATER/WASTEWATER
2011 SCHEDULE OF RATES AND CHARGES**

EFFECTIVE DATES OF MONTHLY RATES AND MISCELLANEOUS CHARGES

Charges as listed in this schedule are effective January 1, 2011. Any changes to rate structure or billing practices shall not be retroactive.

COUNTY WIDE WATER AND WASTEWATER PROGRAMS

These programs are not included in any of the rates listed below and will be added to all other amounts due.

County Servicing Assistance Program

- each water customer in the County shall pay \$10.00/year into a fund to extend services to existing properties as detailed in the CSAP policy approved by County Council.
- each sewer customer in the County shall pay \$10.00/year into a fund to extend services to existing properties as detailed in the CSAP policy approved by County Council.

County Wide Regulation 170 Upgrade Program (In addition to all other charges)

Each water customer shall pay \$0.07/m³ into a fund to recover the costs associated with upgrading all County water systems to meet Ontario Regulation 170/03. A minimum charge of \$5.00 per month per customer shall apply.

CUSTOMER STRUCTURE

Customer Type	Non-metered	Metered
Individual Customer ¹	Fixed Charge + County Wide Water/Wastewater Programs	Fixed Charge (based on meter size) + Volumetric Charge + County Wide Water/Wastewater Programs
Multiple Units ²	To be phased out by a goal date of 2012 Interim billing existing methodology to continue or fixed charge per unit billed to owner	Fixed Charge (based on meter size) + Volumetric Charge + County Wide Water/Wastewater Programs billed to owner
Notes:		
1. Individual Customers include: Single family residence, apartment/townhouse/condo complexes with individual servicing, individually serviced ICI		
2. Multiple Units include: apartment/townhouse/condo complexes with bulk servicing, trailer parks.		

MONTHLY WATER RATES AND CHARGES

Flat Rate Structure

Township Systems	Ingersoll	Tillsonburg	Woodstock	Out of County
\$39.51	\$36.97	\$34.19	\$28.70	\$55.23

Metered Rate Structure

The metered rate structure is based on a humpback model to encourage conservation and promote commercial and industrial development. It consists of a fixed service charge plus a volumetric (per cubic metre) charge.

Fixed Charges

Meter Size	Township Systems	Ingersoll	Tillsonburg	Woodstock	Out of County
< 1"	\$20.33	\$17.92	\$15.52	\$13.05	\$26.89
1"	\$28.46	\$25.09	\$21.72	\$18.27	\$37.64
1 ½"	\$36.59	\$32.26	\$27.93	\$23.49	\$48.39
2"	\$58.95	\$51.97	\$44.99	\$37.85	\$255.00
3"	\$223.61	\$197.12	\$170.67	\$143.57	*
4"	\$284.59	\$250.88	\$217.21	\$182.72	*
6"	\$426.89	\$376.32	\$325.82	\$274.08	*
8"	*	\$519.68	\$449.94	\$378.49	*
≥10"	*	\$716.80	\$620.60	\$522.06	*

Note: * denotes fixed charge set by special agreement

**SCHEDULE "A" TO BY-LAW NO.
WATER/WASTEWATER
2011 SCHEDULE OF RATES AND CHARGES**

Volumetric Charge

Water Consumption Volume	In County (\$/m ³)	Out of County (\$/m ³)
0-15 cubic metres/month	\$0.64	\$0.96
15-45 cubic metres/month	\$0.84	\$1.25
45-850 cubic metres/month	\$0.89	\$1.33
850+ cubic metres/month	\$0.77	\$1.16

Water System Special Rates

Maple Leaf Foods Inc.	Consumption in excess of 1700 m ³ /day billed at \$1.00/m ³ as per agreement
Drumbo Schedule B properties	\$136.08/year
Bright Schedule B properties	\$150.00/year
Mount. Elgin Schedule B properties	\$150.00/year

MONTHLY WASTEWATER RATES AND CHARGES

Flat Rate Structure

Mt. Elgin	Drumbo	Norwich	Plattsville	Tavistock	Thamesford
\$52.50	\$63.79	\$48.23	\$50.77	\$25.97	\$42.59

Ingersoll	Tillsonburg	Woodstock	Out of County
\$45.59	\$37.79	\$26.73	\$56.68

Metered Rate Structure

The metered rate structure is based on a humpback model to encourage conservation and promote commercial and industrial development. It consists of a fixed service charge plus a volumetric (per cubic metre) charge.

Fixed Charges

Meter Size	Drumbo	Norwich	Plattsville	Tavistock	Thamesford	Ingersoll	Tillsonburg	Woodstock	Out of County
< 1"	\$43.72	\$22.49	\$29.33	\$10.84	\$21.13	\$20.07	\$13.02	\$5.33	\$19.53
1"	\$61.21	\$31.48	\$41.06	\$15.18	\$29.58	\$28.09	\$18.22	\$7.46	\$27.33
1 1/2"	\$78.70	\$40.48	\$52.79	\$19.51	\$38.03	\$36.12	\$23.43	\$9.59	\$35.15
2"	\$126.79	\$65.21	\$85.04	\$31.44	\$61.27	\$58.20	\$37.75	\$15.45	\$255.00
3"	\$480.94	\$247.35	\$322.58	\$119.24	\$232.41	\$220.74	\$143.19	\$58.59	*
4"	\$612.11	\$314.81	\$410.56	\$151.76	\$295.79	\$280.94	\$182.24	\$74.56	*
6"	\$918.16	\$472.22	\$615.84	\$227.64	\$443.69	\$421.42	\$273.35	\$111.85	*
8"	*	*	*	*	*	\$581.95	\$377.49	\$154.45	*
≥ 10"	*	*	*	*	*	\$802.70	\$520.67	\$213.04	*

Note: * denotes fixed charge set by special agreement

Volumetric Charge

Wastewater Production Volume	In County Residential (\$/m ³)	Out of County (\$/m ³)	Ingersoll ICI ¹ (\$/m ³)	Tillsonburg ICI ¹ (\$/m ³)	Woodstock ICI ¹ (\$/m ³)	Norwich ICI ¹ (\$/m ³)
0-15 cubic metres/month	\$0.87	\$1.30	\$0.81	\$0.85	\$0.77	\$0.95
15-45 cubic metres/month	\$1.12	\$1.68	\$0.87	\$0.91	\$0.82	\$1.02
45-850 cubic metres/month	\$1.21	\$1.82	\$0.88	\$0.93	\$0.84	\$1.05
850+ cubic metres/month	\$1.04	\$1.56	\$0.87	\$0.92	\$0.83	\$1.03

Note: ¹Single volumetric rate charged for all usage in ICI customers

Wastewater Production Volume	Tavistock ICI ¹ (\$/m ³)	Thamesford ICI ¹ (\$/m ³)	Drumbo ICI ¹ (\$/m ³)
0-15 cubic metres/month	\$0.95	\$0.95	\$0.95
15-45 cubic metres/month	\$1.04	\$1.02	\$0.99
45-850 cubic metres/month	\$1.09	\$1.05	\$1.01
850+ cubic metres/month	\$1.08	\$1.03	\$1.00

**SCHEDULE "A" TO BY-LAW NO.
WATER/WASTEWATER
2011 SCHEDULE OF RATES AND CHARGES**

Wastewater System Special Rates

St. Gobain Abrasives	\$53,758.50 per year
Plattsville and District Public School	\$5,395.80 per year
Plattsville Arena	\$3,936.18 per year
Plattsville Curling Club	\$985.32 per year
Plattsville multiple business & accessory dwelling units in conjunction with a business	\$609.73/yr for first building unit \$457.30/yr for each additional unit

**SCHEDULE "A" TO BY-LAW NO.
WATER/WASTEWATER
2011 SCHEDULE OF RATES AND CHARGES**

MISCELLANEOUS CHARGES

1) Security deposits for new accounts	Not required
2) Disconnect fee at customer request	\$45.00 each occurrence
3) Reconnect fee at customer request	\$45.00 each occurrence
4) Service to shutoff/turn on for emergency or plumbing problem	No Charge
5) New Meter (< 1") – without radio transmitter	\$145 each (taxes incl.)
6) Radio Transmitter (where applicable)	\$75 each (taxes incl.)
7) New Meter (≥ 1")	Actual cost
8) Meter checked for accuracy at customer's request and found to be accurate (< 1")	\$ 72.00 each occurrence
9) Meter checked for accuracy at customer's request and found to be accurate (≥ 1")	\$ 98.00 each occurrence
10) Meter checked for accuracy at customer's request and found not to be accurate	N/C
11) Temporary hydrant connection	\$100.00 each occurrence plus \$1.50/m ³
12) Private hydrant maintenance	\$100.00 per hydrant each year plus time and materials for necessary repairs
13) Illegal Hydrant Use – connection to a municipal hydrant without pre-approval from the Operating Authority ¹	Maximum fine of \$500.00 each occurrence
14) Use of Bulk Water Station	\$25.00 per key fob + \$1.50/m ³
15) Connection to existing watermain within communities without development charges ¹	\$4,000.00 each occurrence for < 1" and actual cost for ≥ 1"
16) Hook up to an existing service not previously paid for in communities without development charges ²	\$4,000.00 each occurrence unless cost is specified in an existing bylaw
17) Connection to existing watermain within communities with development charges ²	\$2,500.00 plus applicable development charges each occurrence
18) Hook up to an existing service not previously paid for in communities with development charges ³	\$2,500.00 each occurrence unless cost is specified in an existing bylaw
19) Connection of a service to an extended watermain or sewer	Actual cost
20) Grinder pump monthly maintenance charge	As per County policy
21) Sewage Extra-Strength Rate (over and above Bylaw 2719-87 limit including but not limited to BOD, TSS and TP). This rate may be part of an agreement with the County or occasional Customers	\$1.65/ kg
22) General Septage	\$15.00/1000 gallons
23) Hauled Wastewater (Domestic waste from a single source that is not septage, that meets the sewer use bylaw whose source is within Oxford County and > 5000 gallons either at one time or over the course of a year)	\$7.50/1000 gallons
24) Connection to existing sewer (Sewer depth 0 – 3.0 metres)	\$5,000.00
25) Connection to existing sewer (Sewer depth > 3.0 metres)	\$8,000.00
26) Permit for Automatic Sprinklers non-metered individual customer	\$25.00 incl. GST
27) Permit for Automatic Sprinklers in non-metered multiple unit customer	\$10.00/unit to a maximum of \$250.00 incl. GST
28) Permit for Automatic Sprinklers metered customer	No Charge
29) Permits for outside water use for new sod, seed, or chemically sprayed lawns or for non-profit fund-raising events	No Charge
30) Swimming Pool Fill-up through a garden hose in non-metered communities	\$50.00 incl. GST
31) Swimming Pool Fill-up through a fire hydrant connection in non-metered communities	\$130.00 incl. GST
<p>Notes: 1. Enforcement of this provision shall be through a By-law Enforcement Officer appointed by Oxford County, the City of Woodstock or the Town of Tillsonburg in their respective jurisdictions.</p> <p>2. Communities without Development Charges (DC) – Bright, Mt. Elgin, Beachville, Innerkip, Brownsville, Dereham Centre, Embro, Hickson, Lakeside, Otterville, Sweaburg, and Springford</p> <p>3. Communities with Development Charges – Drumbo, Ingersoll, Norwich, Plattsville, Tavistock, Thamesford, Tillsonburg, Woodstock</p>	

**SCHEDULE "B" TO BY-LAW NO.
WATER/WASTEWATER
2012 SCHEDULE OF RATES AND CHARGES**

Volumetric Charge

Water Consumption Volume	In County (\$/m ³)	Out of County (\$/m ³)
0-15 cubic metres/month	\$0.68	\$1.02
15-45 cubic metres/month	\$0.89	\$1.34
45-850 cubic metres/month	\$0.95	\$1.43
850+ cubic metres/month	\$0.82	\$1.24

Water System Special Rates

Maple Leaf Foods Inc.	Consumption in excess of 1700 m ³ /day billed at \$1.00/m ³ as per agreement
Drumbo Schedule B properties	\$136.08/year
Bright Schedule B properties	\$150.00/year
Mount. Elgin Schedule B properties	\$150.00/year

MONTHLY WASTEWATER RATES AND CHARGES

Flat Rate Structure

Mt. Elgin	Drumbo	Norwich	Plattsville	Tavistock	Thamesford
\$55.13	\$66.98	\$52.57	\$60.93	\$29.86	\$46.42

Ingersoll	Tillsonburg	Woodstock	Out of County
\$49.70	\$41.19	\$28.87	\$61.79

Metered Rate Structure

The metered rate structure is based on a humpback model to encourage conservation and promote commercial and industrial development. It consists of a fixed service charge plus a volumetric (per cubic metre) charge.

Fixed Charges

Meter Size	Drumbo	Norwich	Plattsville	Tavistock	Thamesford	Ingersoll	Tillsonburg	Woodstock	Out of County
< 1"	\$45.47	\$24.92	\$37.98	\$14.15	\$23.45	\$22.27	\$14.60	\$5.95	\$21.90
1"	\$63.66	\$34.88	\$53.17	\$19.80	\$32.83	\$31.18	\$20.45	\$8.33	\$30.68
1 ½"	\$81.85	\$44.85	\$68.36	\$25.46	\$42.21	\$40.09	\$26.29	\$10.71	\$39.44
2"	\$131.87	\$72.25	\$110.13	\$41.02	\$68.01	\$64.60	\$42.35	\$17.25	\$268.00
3"	\$500.18	\$274.07	\$417.74	\$155.61	\$257.97	\$245.02	\$160.65	\$65.44	*
4"	\$636.59	\$348.81	\$531.67	\$198.05	\$328.33	\$311.85	\$204.47	\$83.29	*
6"	\$954.89	\$523.22	\$797.51	\$297.07	\$492.49	\$467.77	\$306.70	\$124.93	*
8"	*	*	*	*	*	\$645.97	\$423.54	\$172.52	*
≥ 10"	*	*	*	*	*	\$890.99	\$584.20	\$237.96	*

Note: * denotes fixed charge set by special agreement

Volumetric Charge

Wastewater Production Volume	In County Residential (\$/m ³)	Out of County (\$/m ³)	Ingersoll ICI ¹ (\$/m ³)	Tillsonburg ICI ¹ (\$/m ³)	Woodstock ICI ¹ (\$/m ³)	Norwich ICI ¹ (\$/m ³)
0-15 cubic metres/month	\$0.93	\$1.39	\$0.81	\$0.85	\$0.77	\$0.95
15-45 cubic metres/month	\$1.20	\$1.80	\$0.93	\$0.98	\$0.88	\$1.09
45-850 cubic metres/month	\$1.30	\$1.95	\$0.97	\$1.01	\$0.91	\$1.15
850+ cubic metres/month	\$1.11	\$1.67	\$0.94	\$0.99	\$0.90	\$1.11

Note: ¹Single volumetric rate charged for all usage in ICI customers

Wastewater Production Volume	Tavistock ICI ¹ (\$/m ³)	Thamesford ICI ¹ (\$/m ³)	Drumbo ICI ¹ (\$/m ³)
0-15 cubic metres/month	\$0.95	\$0.95	\$0.95
15-45 cubic metres/month	\$1.15	\$1.09	\$1.03
45-850 cubic metres/month	\$1.26	\$1.15	\$1.07
850+ cubic metres/month	\$1.23	\$1.11	\$1.05

**SCHEDULE "B" TO BY-LAW NO.
WATER/WASTEWATER
2012 SCHEDULE OF RATES AND CHARGES**

Wastewater System Special Rates

St. Gobain Abrasives	\$54,833.67 per year
Plattsville and District Public School	\$5,503.72 per year
Plattsville Arena	\$4,014.90 per year
Plattsville Curling Club	\$1,005.03 per year
Plattsville multiple business & accessory dwelling units in conjunction with a business	\$731.68/yr for first building unit \$548.76/yr for each additional unit

**SCHEDULE "B" TO BY-LAW NO.
WATER/WASTEWATER
2012 SCHEDULE OF RATES AND CHARGES**

MISCELLANEOUS CHARGES

1) Security deposits for new accounts	Not required
2) Disconnect fee at customer request	\$45.00 each occurrence
3) Reconnect fee at customer request	\$45.00 each occurrence
4) Service to shutoff/turn on for emergency or plumbing problem	No Charge
5) New Meter (< 1") – without radio transmitter	\$145 each (taxes incl.)
6) Radio Transmitter (where applicable)	\$75 each (taxes incl.)
7) New Meter (≥ 1")	Actual cost
8) Meter checked for accuracy at customer's request and found to be accurate (< 1")	\$ 72.00 each occurrence
9) Meter checked for accuracy at customer's request and found to be accurate (≥ 1")	\$ 98.00 each occurrence
10) Meter checked for accuracy at customer's request and found not to be accurate	N/C
11) Temporary hydrant connection	\$100.00 each occurrence plus \$1.50/m ³
12) Private hydrant maintenance	\$100.00 per hydrant each year plus time and materials for necessary repairs
13) Illegal Hydrant Use – connection to a municipal hydrant without pre-approval from the Operating Authority ¹	Maximum fine of \$500.00 each occurrence
14) Use of Bulk Water Station	\$25.00 per key fob + \$1.50/m ³
15) Connection to existing watermain within communities without development charges ¹	\$4,000.00 each occurrence for < 1" and actual cost for ≥ 1"
16) Hook up to an existing service not previously paid for in communities without development charges ²	\$4,000.00 each occurrence unless cost is specified in an existing bylaw
17) Connection to existing watermain within communities with development charges ²	\$2,500.00 plus applicable development charges each occurrence
18) Hook up to an existing service not previously paid for in communities with development charges ³	\$2,500.00 each occurrence unless cost is specified in an existing bylaw
19) Connection of a service to an extended watermain or sewer	Actual cost
20) Grinder pump monthly maintenance charge	As per County policy
21) Sewage Extra-Strength Rate (over and above Bylaw 2719-87 limit including but not limited to BOD, TSS and TP). This rate may be part of an agreement with the County or occasional Customers	\$1.65/ kg
22) General Septage	\$15.00/1000 gallons
23) Hauled Wastewater (Domestic waste from a single source that is not septage, that meets the sewer use bylaw whose source is within Oxford County and > 5000 gallons either at one time or over the course of a year)	\$7.50/1000 gallons
24) Connection to existing sewer (Sewer depth 0 – 3.0 metres)	\$5,000.00
25) Connection to existing sewer (Sewer depth > 3.0 metres)	\$8,000.00
26) Permit for Automatic Sprinklers non-metered individual customer	\$25.00 incl. GST
27) Permit for Automatic Sprinklers in non-metered multiple unit customer	\$10.00/unit to a maximum of \$250.00 incl. GST
28) Permit for Automatic Sprinklers metered customer	No Charge
29) Permits for outside water use for new sod, seed, or chemically sprayed lawns or for non-profit fund-raising events	No Charge
30) Swimming Pool Fill-up through a garden hose in non-metered communities	\$50.00 incl. GST
31) Swimming Pool Fill-up through a fire hydrant connection in non-metered communities	\$130.00 incl. GST
<p>Notes: 1. Enforcement of this provision shall be through a By-law Enforcement Officer appointed by Oxford County, the City of Woodstock or the Town of Tillsonburg in their respective jurisdictions.</p> <p>2. Communities without Development Charges (DC) – Bright, Mt. Elgin, Beachville, Innerkip, Brownsville, Dereham Centre, Embro, Hickson, Lakeside, Otterville, Sweaburg, and Springford</p> <p>3. Communities with Development Charges – Drumbo, Ingersoll, Norwich, Plattsville, Tavistock, Thamesford, Tillsonburg, Woodstock</p>	

**SCHEDULE "B" TO BY-LAW NO.
WATER/WASTEWATER
2012 SCHEDULE OF RATES AND CHARGES**

EFFECTIVE DATES OF MONTHLY RATES AND MISCELLANEOUS CHARGES

Charges as listed in this schedule are effective January 1, 2012. Any changes to rate structure or billing practices shall not be retroactive.

COUNTY WIDE WATER AND WASTEWATER PROGRAMS

These programs are not included in any of the rates listed below and will be added to all other amounts due.

County Servicing Assistance Program

- each water customer in the County shall pay \$10.00/year into a fund to extend services to existing properties as detailed in the CSAP policy approved by County Council.
- each sewer customer in the County shall pay \$10.00/year into a fund to extend services to existing properties as detailed in the CSAP policy approved by County Council.

County Wide Regulation 170 Upgrade Program (In addition to all other charges)

Each water customer shall pay \$0.07/m³ into a fund to recover the costs associated with upgrading all County water systems to meet Ontario Regulation 170/03. A minimum charge of \$5.00 per month per customer shall apply.

CUSTOMER STRUCTURE

Customer Type	Non-metered	Metered
Individual Customer ¹	Fixed Charge + County Wide Water/Wastewater Programs	Fixed Charge (based on meter size) + Volumetric Charge + County Wide Water/Wastewater Programs
Multiple Units ²	To be phased out by a goal date of 2012 Interim billing existing methodology to continue or fixed charge per unit billed to owner	Fixed Charge (based on meter size) + Volumetric Charge + County Wide Water/Wastewater Programs billed to owner
Notes:		
1. Individual Customers include: Single family residence, apartment/townhouse/condo complexes with individual servicing, individually serviced ICI		
2. Multiple Units include: apartment/townhouse/condo complexes with bulk servicing, trailer parks.		

MONTHLY WATER RATES AND CHARGES

Flat Rate Structure

Township Systems	Ingersoll	Tillsonburg	Woodstock	Out of County
\$43.07	\$40.30	\$36.24	\$31.29	\$59.43

Metered Rate Structure

The metered rate structure is based on a humpback model to encourage conservation and promote commercial and industrial development. It consists of a fixed service charge plus a volumetric (per cubic metre) charge.

Fixed Charges

Meter Size	Township Systems	Ingersoll	Tillsonburg	Woodstock	Out of County
< 1"	\$22.77	\$20.07	\$16.60	\$14.75	\$29.53
1"	\$31.87	\$28.10	\$23.24	\$20.65	\$41.33
1 1/2"	\$40.98	\$36.13	\$29.88	\$26.55	\$53.15
2"	\$66.03	\$58.20	\$48.14	\$42.77	\$268.00
3"	\$250.44	\$220.77	\$182.61	\$162.23	*
4"	\$318.74	\$280.99	\$232.41	\$206.47	*
6"	\$478.11	\$421.48	\$348.62	\$309.71	*
8"	*	\$582.04	\$481.43	\$427.70	*
≥10"	*	\$802.82	\$664.04	\$589.93	*

Note: * denotes fixed charge set by special agreement

**SCHEDULE "C" TO BY-LAW NO.
WATER/WASTEWATER
2013 SCHEDULE OF RATES AND CHARGES**

EFFECTIVE DATES OF MONTHLY RATES AND MISCELLANEOUS CHARGES

Charges as listed in this schedule are effective January 1, 2013. Any changes to rate structure or billing practices shall not be retroactive.

COUNTY WIDE WATER AND WASTEWATER PROGRAMS

These programs are not included in any of the rates listed below and will be added to all other amounts due.

County Servicing Assistance Program

- each water customer in the County shall pay \$10.00/year into a fund to extend services to existing properties as detailed in the CSAP policy approved by County Council.
- each sewer customer in the County shall pay \$10.00/year into a fund to extend services to existing properties as detailed in the CSAP policy approved by County Council.

County Wide Regulation 170 Upgrade Program (In addition to all other charges)

Each water customer shall pay \$0.07/m³ into a fund to recover the costs associated with upgrading all County water systems to meet Ontario Regulation 170/03. A minimum charge of \$5.00 per month per customer shall apply.

CUSTOMER STRUCTURE

Customer Type	Non-metered	Metered
Individual Customer ¹	Fixed Charge + County Wide Water/Wastewater Programs	Fixed Charge (based on meter size) + Volumetric Charge + County Wide Water/Wastewater Programs
Multiple Units ²	To be phased out by a goal date of 2012 Interim billing existing methodology to continue or fixed charge per unit billed to owner	Fixed Charge (based on meter size) + Volumetric Charge + County Wide Water/Wastewater Programs billed to owner
Notes: 1. Individual Customers include: Single family residence, apartment/townhouse/condo complexes with individual servicing, individually serviced ICI 2. Multiple Units include: apartment/townhouse/condo complexes with bulk servicing, trailer parks.		

MONTHLY WATER RATES AND CHARGES

Flat Rate Structure

Township Systems	Ingersoll	Tillsonburg	Woodstock	Out of County
\$46.94	\$43.92	\$38.41	\$34.10	\$63.97

Metered Rate Structure

The metered rate structure is based on a humpback model to encourage conservation and promote commercial and industrial development. It consists of a fixed service charge plus a volumetric (per cubic metre) charge.

Fixed Charges

Meter Size	Township Systems	Ingersoll	Tillsonburg	Woodstock	Out of County
< 1"	\$25.50	\$22.48	\$17.76	\$16.67	\$32.45
1"	\$35.70	\$31.47	\$24.87	\$23.33	\$45.43
1 ½"	\$45.90	\$40.46	\$31.97	\$30.00	\$58.40
2"	\$73.95	\$65.19	\$51.51	\$48.33	\$281.00
3"	\$280.49	\$247.27	\$195.39	\$183.32	*
4"	\$356.99	\$314.70	\$248.68	\$233.32	*
6"	\$535.49	\$472.06	\$373.03	\$349.97	*
8"	*	\$651.89	\$515.13	\$483.30	*
≥10"	*	\$899.15	\$710.52	\$666.62	*

Note: * denotes fixed charge set by special agreement

**SCHEDULE "C" TO BY-LAW NO.
WATER/WASTEWATER
2013 SCHEDULE OF RATES AND CHARGES**

Volumetric Charge

Water Consumption Volume	In County (\$/m ³)	Out of County (\$/m ³)
0-15 cubic metres/month	\$0.73	\$1.10
15-45 cubic metres/month	\$0.96	\$1.43
45-850 cubic metres/month	\$1.02	\$1.53
850+ cubic metres/month	\$0.88	\$1.32

Water System Special Rates

Maple Leaf Foods Inc.	Consumption in excess of 1700 m ³ /day billed at \$1.00/m ³ as per agreement
Drumbo Schedule B properties	\$136.08/year
Bright Schedule B properties	\$150.00/year
Mount. Elgin Schedule B properties	\$150.00/year

MONTHLY WASTEWATER RATES AND CHARGES

Flat Rate Structure

Mt. Elgin	Drumbo	Norwich	Plattsville	Tavistock	Thamesford
\$57.88	\$70.33	\$57.31	\$70.07	\$34.34	\$50.60

Ingersoll	Tillsonburg	Woodstock	Out of County
\$54.17	\$44.90	\$30.89	\$67.35

Metered Rate Structure

The metered rate structure is based on a humpback model to encourage conservation and promote commercial and industrial development. It consists of a fixed service charge plus a volumetric (per cubic metre) charge.

Fixed Charges

Meter Size	Drumbo	Norwich	Plattsville	Tavistock	Thamesford	Ingersoll	Tillsonburg	Woodstock	Out of County
< 1"	\$47.24	\$27.56	\$48.52	\$18.04	\$25.98	\$24.68	\$16.33	\$6.31	\$24.50
1"	\$66.14	\$38.58	\$67.92	\$25.25	\$36.38	\$34.55	\$22.86	\$8.83	\$34.29
1 ½"	\$85.04	\$49.60	\$87.33	\$32.47	\$46.77	\$44.42	\$29.39	\$11.35	\$44.09
2"	\$137.01	\$79.91	\$140.69	\$52.31	\$75.36	\$71.57	\$47.35	\$18.29	\$281.00
3"	\$519.69	\$303.12	\$533.67	\$198.40	\$285.83	\$271.49	\$179.61	\$69.37	*
4"	\$661.42	\$385.79	\$679.21	\$252.51	\$363.79	\$345.53	\$228.60	\$88.28	*
6"	\$992.13	\$578.68	\$1,018.82	\$378.76	\$545.68	\$518.29	\$342.89	\$132.43	*
8"	*	*	*	*	*	\$715.73	\$473.52	\$182.88	*
≥ 10"	*	*	*	*	*	\$987.22	\$653.13	\$252.24	*

Note: * denotes fixed charge set by special agreement

Volumetric Charge

Wastewater Production Volume	In County Residential (\$/m ³)	Out of County (\$/m ³)	Ingersoll ICI ¹ (\$/m ³)	Tillsonburg ICI ¹ (\$/m ³)	Woodstock ICI ¹ (\$/m ³)	Norwich ICI ¹ (\$/m ³)
0-15 cubic metres/month	\$0.99	\$1.49	\$0.81	\$0.85	\$0.77	\$0.95
15-45 cubic metres/month	\$1.29	\$1.94	\$0.99	\$1.06	\$0.94	\$1.16
45-850 cubic metres/month	\$1.39	\$2.09	\$1.07	\$1.10	\$1.00	\$1.26
850+ cubic metres/month	\$1.19	\$1.79	\$1.02	\$1.07	\$0.97	\$1.20

Note: ¹Single volumetric rate charged for all usage in ICI customers

Wastewater Production Volume	Tavistock ICI ¹ (\$/m ³)	Thamesford ICI ¹ (\$/m ³)	Drumbo ICI ¹ (\$/m ³)
0-15 cubic metres/month	\$0.95	\$0.95	\$0.95
15-45 cubic metres/month	\$1.29	\$1.16	\$1.07
45-850 cubic metres/month	\$1.46	\$1.26	\$1.13
850+ cubic metres/month	\$1.41	\$1.20	\$1.10

**SCHEDULE "C" TO BY-LAW NO.
WATER/WASTEWATER
2013 SCHEDULE OF RATES AND CHARGES**

Wastewater System Special Rates

St. Gobain Abrasives	\$55,930.34 per year
Plattsville and District Public School	\$5,613.79 per year
Plattsville Arena	\$4,095.20 per year
Plattsville Curling Club	\$1,025.13 per year
Plattsville multiple business & accessory dwelling units in conjunction with a business	\$841.43/yr for first building unit \$631.07/yr for each additional unit

**SCHEDULE "C" TO BY-LAW NO.
WATER/WASTEWATER
2013 SCHEDULE OF RATES AND CHARGES**

MISCELLANEOUS CHARGES

1) Security deposits for new accounts	Not required
2) Disconnect fee at customer request	\$45.00 each occurrence
3) Reconnect fee at customer request	\$45.00 each occurrence
4) Service to shutoff/turn on for emergency or plumbing problem	No Charge
5) New Meter (< 1") – without radio transmitter	\$145 each (taxes incl.)
6) Radio Transmitter (where applicable)	\$75 each (taxes incl.)
7) New Meter (≥ 1")	Actual cost
8) Meter checked for accuracy at customer's request and found to be accurate (< 1")	\$ 72.00 each occurrence
9) Meter checked for accuracy at customer's request and found to be accurate (≥ 1")	\$ 98.00 each occurrence
10) Meter checked for accuracy at customer's request and found not to be accurate	N/C
11) Temporary hydrant connection	\$100.00 each occurrence plus \$1.50/m ³
12) Private hydrant maintenance	\$100.00 per hydrant each year plus time and materials for necessary repairs
13) Illegal Hydrant Use – connection to a municipal hydrant without pre-approval from the Operating Authority ¹	Maximum fine of \$500.00 each occurrence
14) Use of Bulk Water Station	\$25.00 per key fob + \$1.50/m ³
15) Connection to existing watermain within communities without development charges ¹	\$4,000.00 each occurrence for < 1" and actual cost for ≥ 1"
16) Hook up to an existing service not previously paid for in communities without development charges ²	\$4,000.00 each occurrence unless cost is specified in an existing bylaw
17) Connection to existing watermain within communities with development charges ²	\$2,500.00 plus applicable development charges each occurrence
18) Hook up to an existing service not previously paid for in communities with development charges ³	\$2,500.00 each occurrence unless cost is specified in an existing bylaw
19) Connection of a service to an extended watermain or sewer	Actual cost
20) Grinder pump monthly maintenance charge	As per County policy
21) Sewage Extra-Strength Rate (over and above Bylaw 2719-87 limit including but not limited to BOD, TSS and TP). This rate may be part of an agreement with the County or occasional Customers	\$1.65/ kg
22) General Septage	\$15.00/1000 gallons
23) Hauled Wastewater (Domestic waste from a single source that is not septage, that meets the sewer use bylaw whose source is within Oxford County and > 5000 gallons either at one time or over the course of a year)	\$7.50/1000 gallons
24) Connection to existing sewer (Sewer depth 0 – 3.0 metres)	\$5,000.00
25) Connection to existing sewer (Sewer depth > 3.0 metres)	\$8,000.00
26) Permit for Automatic Sprinklers non-metered individual customer	\$25.00 incl. GST
27) Permit for Automatic Sprinklers in non-metered multiple unit customer	\$10.00/unit to a maximum of \$250.00 incl. GST
28) Permit for Automatic Sprinklers metered customer	No Charge
29) Permits for outside water use for new sod, seed, or chemically sprayed lawns or for non-profit fund-raising events	No Charge
30) Swimming Pool Fill-up through a garden hose in non-metered communities	\$50.00 incl. GST
31) Swimming Pool Fill-up through a fire hydrant connection in non-metered communities	\$130.00 incl. GST
<p>Notes: 1. Enforcement of this provision shall be through a By-law Enforcement Officer appointed by Oxford County, the City of Woodstock or the Town of Tillsonburg in their respective jurisdictions.</p> <p>2. Communities without Development Charges (DC) – Bright, Mt. Elgin, Beachville, Innerkip, Brownsville, Dereham Centre, Embro, Hickson, Lakeside, Otterville, Sweaburg, and Springford</p> <p>3. Communities with Development Charges – Drumbo, Ingersoll, Norwich, Plattsville, Tavistock, Thamesford, Tillsonburg, Woodstock</p>	