

# TOWN OF FORT FRANCES

## Operations and Facilities Executive Committee

### AGENDA - January 18, 2017, 8:30 AM

#### MEETING - Civic Centre

Session #001

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1. <b><u>Call to Order</u></b>	
2. <b><u>Disclosure of pecuniary interest and the general nature thereof</u></b>	
3. <b><u>Approval of Previous Committee Minutes</u></b>	
3.1 Minutes from the previous meeting of this committee on December 7, 2016.	3 - 4
4. <b><u>Non-agenda Items</u></b>	
5. <b><u>New Business</u></b>	
5.1 Report No. 1 - Establishing 2017 Water and Sewer Rates	5 - 18
5.2 November 2016 Drinking Water Systems Monthly Summary Report	19 - 26
5.3 Lease Renewal Notice - Bell Mobility Equipment on the Water Tower	27 - 30
5.4 LAS Service Line and In-Home Plumbing Repair Program	31 - 35
6. <b><u>Information</u></b>	
6.1 2016 Tonnage at the Landfill Site - updated December 5, 2016	36
6.2 Aircraft Statistics 2016 as of January 10, 2017.	37 - 38
6.3 Fort Frances Wastewater Treatment Facility November 2016 Monthly Report.	39 - 44
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6.5 Operations and Facilities Division - Public Works Area - Operations Statistics - August 2016.	51 - 54
6.6 Operations and Facilities Division - Public Works Area - Operations Statistics - September 2016.	55 - 58
6.7 Operations and Facilities Division - Public Works Area - Operations Statistics - October 2016.	59 - 62

6.8 Sewer and Water Data for 2016 - updated January 13, 2017

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**7. Adjourn / Next Meeting Date**

TOWN OF FORT FRANCES

MINUTES

SESSION NO. #020

December 7, 2016

The meeting of Operations & Facilities Executive Committee of the Town of Fort Frances was held in the Civic Centre on December 7, 2016 from 8:31 a.m. to 9:31 a.m.

PRESENT: Paul Ryan, Chairperson, Ken Perry, June Caul, Doug Brown, CAO and Travis Rob.

ALSO PRESENT: Mayor Avis, Doug Herr and Greg Wiedenhoeft (8:31 a.m. to 9:00 a.m. )

**1. Call to Order**

The meeting was called to order at 8:31 a.m.

**2. Appointment of Committee Chair and Vice Chair (2 year term)**

Ken Perry nominated Paul Ryan for chairperson and June Caul for vice chairperson

**3. Disclosure of pecuniary interest and the general nature thereof**

None

**4. Approval of Previous Committee Minutes**

- 4.1 Minutes from the previous meeting of this committee on Wednesday November 23, 2016 - the minutes were approved as circulated.

**5. Non-agenda Items**

None

**6. Items Referred from Council**

- 6.1 Water Service Installation Delays - 832 Huffman Court - the recommendation of the Operations and Facilities Executive Committee is to award two (2) hours time to Mr. Cawston for delays in the service installation.

**7. New Business**

- 7.1 2017 Capital Operations and Facilities Capital Budget Items Review - the recommendation is to have the capital items brought forward as low priority with no financial consideration for 2017.

**8. Information**

- 8.1 Operations and Facilities Division - Public Works Area - Operations Statistics - June 2016 - the statistics for the Public Works Area for June 2016 were reviewed and will be forwarded to Council as information only. No action required.
- 8.2 Operations and Facilities Division - Public Works Area - Statistics - July 2016 - the statistics for the Public Works Area for July 2016 were reviewed and will be forwarded to Council as information only. No action required.
- 8.3 Aircraft Statistics - as of December 2, 2016 - the Airport Statistics were reviewed and will be forwarded to Council as information only. No action required.

**9. Adjourn / Next Meeting Date**

The meeting adjourned at 9:31 a.m.

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Executive Committee Chair

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T. Rob, Manager of Operations & Facilities

January 14, 2016

Report To: Mayor & Council

From: Travis Rob, Manager Operations & Facilities

**RE: Report No. 1 Establishing 2017 Water & Sewer Rates - Revised**

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An additional \$126,038.00 in revenue is forecasted to be collected in 2017 from water and sewer rates. Please find and review page 14 of the Long Term Financial Plan prepared by BMA Management Consultants.

In 2016 \$ 5,003,029.83 in revenue was forecasted to be collected from water and sanitary sewer user fees where the actual amount collected as of December 31, 2016 was \$ 5,078,013.46 thus a surplus in actual revenue of \$74,983.63.00 from the sale of drinking water. In 2017 the forecasted revenue will increase by \$126,038.00 to a total revenue of \$5,129,067.83 (includes private fire hydrants & sprinklers revenue) which correlates to a 2.5 % increase in the 2017 rates over the 2016 rates.

There are some significant items that should be taken into account prior to establishing the 2017 water and sewer rates;

- 1) The following rate adjustments were adopted in 2016;
  - The amount of cu. meters will be reduced for ICI class from 156 cu. meters per year or 13 cu. meters per month in 2015 to 120 cu. meters or 10 cu. meters per month in 2016
  - 3.0% rate increase for residential customers - from \$882.72 per year in 2015 to \$909.20 in 2016 or an increase of \$26.48 per year or \$2.20 per month.
  - Non-residential customer's volumetric rate increased by 3.00 % or from \$5.06 per cu. meter in 2015 to \$5.21 per cu. meter in 2016.
  - Volumetric rate set at \$ 2.94 per cu. meter or 3.00 % increase for the I/C class and \$ 3.38 per cu. meter or 3.00% increase for the institutional customers.
  - 3.0 % increase to ICI minimum monthly rate from \$1,188.72 per year in 2015 to \$1,224.38 per year in 2016 for an increase of \$35.66 per year or \$2.97 per month.
  - 3% increase to fire hydrants & sprinklers
  - An additional **\$120,200.30** in revenue is to be collected compared to the 2015 forecasted revenue which is \$2,056.70 lower than (surplus) the targeted revenue of \$122,257 per page 14 of the Long Term Financial Plan prepared by BMA Management Consultants.
  - See Spreadsheet No. 1
- 2) The Inflow & Infiltration (I&I) Investigation study indicates that 5.703 kilometres

of sanitary sewer lines need to be addressed within the sanitary sewer system in the next five (5) years based on the substandard condition of the existing piping. The cost to complete this work is estimated at \$ 32 million dollars where affordability for the community will be a major obstacle.

3) Spreadsheet No. 2 – outlines 2016 & 2017 budgeted amounts; the 2013, 2014, 2015, actuals and 2016 actuals as of January 10, 2017. The actual cost of producing and treating a cubic meter of water in 2015 was \$4.06. The actual cost of producing and treating a cubic meter of water in 2016 as of January 10, 2017 is \$4.15 where the actual cost per cubic meter will be adjusted during the year end audit process. The total revenue collected in 2016 was \$5,204,775.00 which is \$103,974.00 higher than forecasted. This includes \$13,899.00 surplus in late charges and \$18,750.00 in special water rates from sales to New Gold and others.

4) Spreadsheet No. 3 shows the 2016 ICI water meter consumption and revenue data.

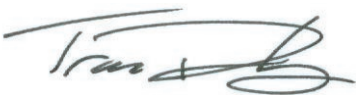
5) Spreadsheet No. 4 shows both the forecasted and actual revenue based on usage and forecasted revenue based approved rates. Also, the residential usage per account per year was 210.7 cu. meters or 17.56 cu. meters per month on average in 2016.

6) Sewage Treatment Plant – Change out of Bio-solids Dewatering Equipment in 2016– the exact cost of this project is still unknown as the final aspects are scheduled to be completed in the first quarter of 2017.

7) Are any rate adjustments between the ICI and residential rate classes going to be considered in 2017 to address the built-in inequities?

In order for Administration to present Council with different rate scenarios some direction is required at this time. It is suggested that the information contained in this report be discussed in detail at the next Operations & Facilities Executive Committee meeting scheduled for Wednesday, January 18, 2016.

Respectfully submitted,  
Operations & Facilities Division

A handwritten signature in black ink, appearing to read 'Travis Rob', with a stylized flourish at the end.

Travis Rob, EIT.  
Operations & Facilities Manager

<b>This report is provided to Council as information only. No action required at this time.</b>
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### Summary of Rate Revenue Requirements

The Town's objective in establishing the Water and Wastewater rates is to avoid large fluctuations from year to year and to ensure rates are set at a level to adequately cover current operating costs, maintain and repair the Town's existing asset base and replace assets where appropriate.

Efforts are being made in this plan to gradually grow/maintain the reserves to provide a source of funding for the ongoing replacement/refurbishment of capital assets. The following tables reflect the forecast rate revenue requirements.

	2015	2016	2017	2018	2019	2020	2021
Water Rate Revenue Requirements	\$2,522,892	\$2,573,350	\$2,624,817	\$2,677,313	\$2,730,859	\$2,785,477	\$2,841,186
Wastewater Rate Revenue Requirements	\$2,359,937	\$2,431,736	\$2,506,307	\$2,585,495	\$2,672,240	\$2,762,472	\$2,856,347
Total Rate Revenue Requirements	\$4,882,829	\$5,005,086	\$5,131,124	\$5,262,808	\$5,403,100	\$5,547,948	\$5,697,534
\$ change		\$ 122,257	\$ 126,038	\$ 131,684	\$ 140,291	\$ 144,849	\$ 149,585
% change		2.5%	2.5%	2.6%	2.7%	2.7%	2.7%

As shown above the annual increases in consolidated water and wastewater rate revenue requirements is 2.5% to 2.7% from 2015 to 2021.

Spreadsheet No. 1 - Approved 2016 Water and sewer Rates Scenario 2

	1	2	3	13	14	15	16	17
				Scenario No. 2- residential and non-residential 3.00% , Flat ICI , I/C volumetric & I volumetric at 3% above 2015 rates. Reduce include volumetric amount from 13 cu. meters/month to 10 cu. meters/month				
	Forecasted	Actual	Forecasted	2016	2015 to 2016	2016	2016	
	2015	2015	2016	Proposal Rates	% increase	Annual Rate	Forecasted Revenue	
<b>Water</b>	<b># of units</b>	<b># of units</b>						
Flat Residential (un-metered)	3580	3580	3580	\$39.20	3.00%	\$470.42	\$1,684,109.33	
Churches- September 1st, 2010	14	14	14	\$39.20	3.00%	\$470.42	\$6,585.90	
Flat Commercial General (un-metered)	2	2.33	2	\$52.76	3.00%	\$633.08	\$1,266.16	
Metered - Couchiching First Nation	117828	131140	124484	\$2.70	3.00%		\$335,932.52	
Metered - Commercial -225	125338	128749	126664	\$1.47	3.00%		\$299,038.06	
Metered - Institutional -58	146292	129399	129399	\$1.70	3.00%		\$249,310.75	
Private Hydrants	23	15.5	23	\$51.71	3.00%	\$620.47	\$14,270.86	
Private Sprinklers	29	23.667	29	\$16.21	3.00%	\$194.55	\$5,641.85	
Metered Non-Resident (5 accounts)	1806	2092	1949	\$2.70	3.00%		\$5,259.57	
2-Nanicost, 1-FF Tribal Area Health Unit,								
1-Myer's Hanger-metered								
						Subtotal	\$2,601,414.99	
<b>Sewer</b>								
Flat Residential (un-metered)	3565	3565	3565	\$36.57	3.00%	\$438.78	\$1,564,250.70	
Churches- September 1st, 2010	14	14	14	\$36.57	3.00%	\$438.78	\$6,142.92	
Flat Commercial General (un-metered)	2	2.33	2	\$49.28	3.00%	\$591.30	\$1,182.60	
Metered -Couchiching First Nation	117828	131140	124484	\$2.51	3.00%		\$312,853.19	
Metered - Commercial -225	123842	128029	125944	\$1.46	3.00%		\$279,372.12	
Metered - Institutional -58	146165	129399	129399	\$1.68	3.00%		\$232,915.08	
Metered Non-Resident (5 accounts)	1806	2092	1949	\$2.51	3.00%		\$4,898.23	
Subtotal								
						Subtotal	\$2,401,614.84	
<b>Summary of - Water &amp; Sewer Rates &amp; Yearly impact &amp;</b>	<b>2014</b>			<b>2016</b>	<b>2015 to 2016</b>	<b>2016</b>	<b>2016</b>	<b>2016-2015</b>
	<b>Annual Rate</b>			<b>Monthly unit price</b>	<b>% increase</b>	<b>annual rate</b>	<b>Revenue</b>	
Flat Residential (un-metered)	\$860.40			\$75.77	3.00%	\$909.20	\$3,248,360.03	\$94,612.43
Churches- September 1st, 2010	\$860.40			\$75.77	3.00%	\$909.20	\$12,728.82	\$370.74
Flat Commercial General (un-metered)	\$1,157.52			\$102.03	3.00%	\$1,224.38	\$2,448.76	\$71.32
Metered - Couchiching First Nation				\$5.21	3.00%		\$648,785.71	\$52,576.03
Metered - Commercial -237				\$2.94	3.00%		\$578,410.18	\$23,753.27
Metered - Institutional -58				\$3.38	3.00%		\$482,225.83	-\$52,782.91
Private Hydrants	\$602.40			\$51.71	3.00%	\$620.47	\$14,270.86	\$415.66
Private Sprinklers	\$188.88			\$16.21	3.00%	\$194.55	\$5,641.85	\$164.33
Metered Non-Resident (4 accounts)				\$5.21	3.00%		\$10,157.80	\$1,019.44
						total	\$5,003,029.83	\$120,200.30
						Total without hydrants or sprinklers	\$4,983,117.13	



	1	2	3	4	5	6	7	8
	2013	2014	2015	2016	2016	2017	2016 Actuals - 2016	2017 Budgeted -2016
	Actuals	Actuals	Actuals	Budget	Actuals	Budget	Difference	Difference
			31-Dec-15		31-Dec-16			
<b>Water System</b>								
Revenues - includes Contribution from Reserves	(\$2,644,490)	(\$2,681,591)	(\$2,600,805)	(\$2,670,685)	(\$2,730,314)	(\$2,668,939)	(\$59,629)	\$1,746
Capital Local Improvement Revenue								\$0
<b>Total Revenue</b>	(\$2,644,490)	(\$2,681,591)	(\$2,600,805)	(\$2,670,685)	(\$2,730,314.07)	(\$2,668,939)	(\$59,628.86)	\$1,746
								\$0
Administration - includes Contribution to Reserve Funds	\$385,106	\$936,461	\$1,614,527	\$1,619,311	\$1,470,720	\$1,580,084	(\$148,591)	(\$39,227)
Adminstration - Capital Debeniture Payments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Water Service Connections	\$109,488	\$249,172	\$132,508	\$149,306	\$116,895	\$155,186	(\$32,411)	\$5,880
Water Meter Maintenance	\$27,042	\$28,263	\$15,253	\$12,990	\$17,286	\$20,597	\$4,296	\$7,607
Water Distribution System Maintenance	\$206,134	\$358,623	\$218,639	\$219,608	\$227,565	\$234,197	\$7,957	\$14,589
Water Treatment Plant	\$465,001	\$490,815	\$507,733	\$539,113	\$509,410	\$555,087	(\$29,703)	\$15,973
Water Storage Facility (Tower)	\$110,110	\$122,249	\$112,145	\$130,357	\$108,913	\$124,105	(\$21,444)	(\$6,252)
<b>S/T - all operating expenditures</b>	\$1,302,880	\$2,185,584	\$2,600,805	\$2,670,685	\$2,450,790	\$2,669,256	(\$219,895)	(\$1,429)
<b>Total Capital Budget</b>				\$2,436,031				
<b>Reserves Used for Financing Capital</b>				\$959,432				
Treated water billed out in 2014 (based on 2013 actuals) and projected in 2015 (based on 2014 actuals & mill adjustment)	1188453	1361037	1211122.5	1201840	1162579		(\$39,261)	\$109,976
Cost per cu. meter	\$1.10	\$1.61	\$2.15	\$2.22	\$2.11		(\$0)	
<b>Projected Reserves as of December 31, 2014 &amp; 2015</b>		\$3,486,597						

#### Sanitary Sewer System

Revenues- includes Contribution from Reserves	(\$2,250,840)	(\$2,926,806)	(\$2,696,737)	(\$2,430,115)	(\$2,474,460)	(\$2,436,115)	(\$44,346)	(\$6,000)
Capital Local Improvement Revenue-Capital Program	(\$1,735)	(\$1,735)	\$171	\$0			\$0	\$0
<b>Total revenue</b>	(\$2,252,576)	(\$2,928,541)	(\$2,696,566)	(\$2,430,115)	(\$2,474,460.44)	(\$2,436,115)	(\$44,346)	(\$6,000)
								\$0
Administration Plus Contribution to Reserve Funds	\$736,174	\$1,510,334	\$1,516,691	\$1,208,148	\$1,273,786	\$1,245,920	\$66,638	\$37,772
Adminstration - Capital Debeniture payments-Capital Program	\$181,374	\$121,528	\$121,464	\$122,327	\$120,922	\$88,636	(\$1,405)	(\$33,692)
Total Administration - expenditures	\$917,547	\$1,631,862	\$1,638,155	\$1,330,475	\$1,394,708	\$1,334,556	\$64,233	\$4,080
Sewer mains	\$295,606	\$170,590	\$176,458	\$239,243	\$150,508	\$240,371	(\$88,735)	\$1,128
Service Connections	\$95,809	\$109,276	\$76,726	\$112,150	\$80,632	\$105,893	(\$31,516)	(\$6,257)
Sewage Treatment Plant	\$699,768	\$705,572	\$742,617	\$748,247	\$751,737	\$755,295	\$3,490	\$7,049
<b>S/T - all operating expenditures</b>	\$2,008,730	\$2,617,299	\$2,633,956	\$2,430,115	\$2,377,585	\$2,436,115	(\$52,530)	\$6,000
<b>Total Capital Budget</b>				\$2,835,728				\$910,558
<b>Reserves Used for Financing Capital</b>				\$1,946,783				\$1,045,472
Treated water billed out in 2014 (based on 2013 actuals) and projected in 2015 (based on 2014 actuals & mill adjustment)	1186771	1359609	1211122.5	1201840	1162579		257,322.00	(\$12,046)
Cost per cu. meter	\$1.69	\$1.93	\$2.17	\$2.02	\$2.05		(\$0.08)	\$0
<b>Projected Reserves as of December 31, 2014 &amp; 2015</b>		\$3,486,597					\$1,580,815.18	\$366,044
<b>Cost per cubic with 2014 Emergency Flood expnditures removed</b>		\$1.42	\$1.89					

#### Summary - Water & Sewer

<b>Total revenue</b>	(\$4,897,066)	(\$5,610,133)	(\$5,297,371)	(\$5,100,800)	(\$5,204,775)	(\$5,105,054)	(\$103,974)	(\$4,254)
<b>Operating Budget</b>	\$3,311,611	\$4,802,883	\$5,234,761	\$5,100,800	\$4,828,375	\$5,105,371	(\$272,425)	\$4,571
<b>Capital Budget</b>		\$0.00	\$0.00	\$5,271,759.03	\$0.00	\$0.00	(\$5,271,759)	(\$5,271,759)
<b>Total cost for water &amp; sewer per cu. meter</b>	\$2.79	\$3.53	\$4.32	\$4.24	\$4.15		(\$0)	(\$4)
<b>Reserves Used for Financing Capital</b>		\$0		\$2,906,215			(\$2,906,215)	(\$2,906,215)
<b>Projected Reserves as of December 31, 2014 &amp; 2015</b>		\$6,973,193					\$0	\$0
<b>Total revenue- subtracting 2014 Emergency Flood Revenue</b>			(\$4,982,212.02)		(\$5,174,968.51)		(\$1,514)	
<b>Operating Budget- subtracting 2014 Emergency Flood Expenditures</b>								
	\$4,151,513	\$4,891,092			\$4,484,706		(\$89,606)	
<b>Cost per cubic with 2014 Emergency Flood expenditures/revenue removed</b>		\$3.05	\$4.04		\$3.86			

## SPREADSHEET NO. 3 - TOWN OF FORT FRANCES - WATER METERS 2016 ACTUAL CONSUMPTION DATA

Account #	Name	Address	Business Type	Meter Size	Installation		2016	2016	2016	2016	2016	2016
					Date	M^3						
Commercial Meters												
1	004309C	2032072 Ontario Inc.	700 Stewart St.									
2	037318A	Rendezvous Restaurants of FF Ltd.	1201 Idylwild Dr	3"	2011	12,790	\$0.00		\$38,348.30	\$38,348.30		\$3.00
3	034265A	Rendezvous Restaurants of FF Ltd.	1201 Idylwild Dr	2"	2011	9,228	\$0.00		\$27,911.64	\$27,911.64		\$3.02
4	004185A	1417409 Ontario Inc. Super 8 Motel	810 King's Hwy.	2"	2006	9,217	\$0.00		\$27,879.99	\$27,879.99		\$3.02
5	002478A	Wayne & Sherry Kaun	390 McIrvine Rd.	3"	2011	6,217	\$815.04		\$19,089.41	\$19,904.45		\$3.07
6	022591B	799768 Ontario Ltd.	620 Mowat Ave.	1"	2008	5,342	\$0.00		\$16,525.03	\$16,525.03		\$3.09
7	004226A	E Roy Jonundson Co. Ltd.	860 King's Hwy.	1 1/2"	2011	4,558	\$0.00		\$14,228.54	\$14,228.54		\$3.12
8	031146A	Murray Snider Repair	1201 Scott St.	3/4"	2005	3,775	\$0.00		\$11,933.90	\$11,933.90		\$3.16
9	037278C	2032072 Ontario Inc.	Copper River Inn	1 1/2"	2011	3,723	\$0.00		\$11,781.99	\$11,781.99		\$3.16
10	002270B	McDonald's Restaurants Of Canada LTD.	Copper River Inn Restaurant	2"	2011	3,435	\$0.00		\$10,938.15	\$10,938.15		\$3.18
11	036964A	Resolute FP Canada Inc	831 King's Hwy.	1 1/2"	2006	3,194	\$194.52		\$10,230.95	\$10,425.47		\$3.20
12	022541A	Northern Lights Credit	427 Mowat Ave.	2"	2012	3,140	\$0.00		\$10,366.80	\$10,366.80		\$3.30
13	004242A	R E Thomson Inc.	601 Mowat Ave.	1"	2012	2,763	\$0.00		\$8,969.19	\$8,969.19		\$3.25
14	003070A	Mohawk Property Corporation	982 King's Hwy	3/4"	2007	2,615	\$0.00		\$8,535.96	\$8,535.96		\$3.26
15	034067B	Midtown Motel	500 King's Hwy.	1"	2005	2,491	\$0.00		\$8,172.30	\$8,172.30		\$3.28
16	015497B	SDLP Snowcat Ltd. (Sobeys)	801 Col. Rd. E.	1"	2009	2,299	\$0.00		\$7,610.65	\$7,610.65		\$3.31
17	032558B	2331833 Ontario Ltd	411 Scott Street	1 1/2"	2011	2,255	\$679.20		\$7,335.15	\$8,014.35		\$3.25
18	021220A	Royal Canadian Legion	1230 Second St. E.	3/4"	2011	1,510	\$0.00		\$5,297.90	\$5,297.90		\$3.51
19	015413B	Goodday Wholesalers	250 Church St.	2"	2005	1,307	\$0.00		\$4,703.10	\$4,703.10		\$3.60
20	040824A	Diane Leek	325 Scott Street	1 1/2"	2011	1,301	\$0.00		\$4,685.53	\$4,685.53		\$3.60
21	040866B	Wal-Mart Canada Corporation	990 McIrvine Rd N	3/4"	2012	1,276	\$0.00		\$4,612.28	\$4,612.28		\$3.61
22	021238B	OK Kim Byeong	1250 King's Hwy	2"	2003	1,271	\$815.04		\$4,596.55	\$5,411.59		\$3.62
23	040692A	TDL Group Ltd	417 A Portage Ave.	1 1/2"	2012	1,224	\$0.00		\$4,459.92	\$4,459.92		\$3.64
24	034059A	1341653 Ontario Ltd.	525 A Kings Hwy	1 1/2"	2012	1,205	\$0.00		\$4,404.25	\$4,404.25		\$3.65
25	009739A	George Armstrong Co	715 Col. Rd. E.	3/4"	2012	1,158	\$0.00		\$4,266.54	\$4,266.54		\$3.68
26	007171A	ME Kennedy Health Facility Ltd.	1404 King's Hwy	2"	2011	1,032	\$0.00		\$1,817.85	\$1,817.85		\$1.76
27	041111A	1578289 Ont. Ltd.	1201 Col. Rd. E	3/4"	2005	1,022	\$0.00		\$3,868.62	\$3,868.62		\$3.78
28	021519B	422743 Ontario Ltd	260 First St. E.	2"	2004	991	\$0.00		\$3,777.36	\$3,777.36		\$3.81
29	001123A	Resolute FP Canada Inc	232 Scott Street	3/4"	2011	937	\$0.00		\$3,619.01	\$3,619.01		\$3.86
30	007816A	1413986 Ontario Ltd.	Pulp & Paper Mill	2"	2013	918	\$0.00		\$3,563.34	\$3,563.34		\$3.88
31	005539B	J.N. Webb & Sons	Rainbow Motel	3/4"	2012	893	\$0.00		\$3,490.09	\$3,490.09		\$3.91
32	021395A	897542 Ontario Inc.	Wholesale company	3/4"	2011	804	\$0.00		\$3,229.91	\$3,229.91		\$4.02
33	015794A	Stan's Carpet & Drapery	Mekong	3/4"	2012	802	\$0.00		\$3,223.46	\$3,223.46		\$4.02
34	015108A	Fort Frances Dental Centre Inc.	Store	3/4"	2011	655	\$0.00		\$2,792.75	\$2,792.75		\$4.26
35	015463A	Margaret Kircher c/o Trident	Dental Office	1"	2011	649	\$0.00		\$2,775.17	\$2,775.17		\$4.28
36	021486A	Wu Guang Zong	Dunwoody/Gagne	3/4"	2011	642	\$0.00		\$2,754.66	\$2,754.66		\$4.29
37	014118A	Resolute FP Canada Inc	Le Hoa Restaurant	3/4"	2011	641	\$0.00		\$2,751.73	\$2,751.73		\$4.29
38	041252A	Energy Motivation	Mill	2"	2013	640	\$0.00		\$2,807.40	\$2,807.40		\$4.39
39	041202D	Canadian Tire Corporation	fitness centre	1"	2005	638	\$0.00		\$2,744.39	\$2,744.39		\$4.30
40	035453B	Ok Kim Byeong	Canadian Tire	2"	2004	630	\$815.04		\$2,718.42	\$3,533.46		\$4.32
41	037459B	1796761 Ontario Inc.	Motel	3/4"	2011	613	\$0.00		\$2,669.69	\$2,669.69		\$4.36
42	040882B	Rainy Lake Plaza	Sunset Country Ford	1 1/2"	2011	611	\$0.00		\$2,663.83	\$2,663.83		\$4.36
43	015728B	1934343 Ontario Limited	Restaurant	3/4"	2013	585	\$0.00		\$2,587.65	\$2,587.65		\$4.42
44	004250A	384152 Ontario Limited	Restaurant	3/4"	2005	581	\$0.00		\$2,575.95	\$2,575.95		\$4.43
45	021759B	Sherri Franko	Chicken Villa	3/4"	2011	577	\$0.00		\$2,564.21	\$2,564.21		\$4.44
46	016205A	Mylaeco Investments	Suds and Tubs	3/4"	2006	538	\$0.00		\$2,450.02	\$2,450.02		\$4.55
			Lawrence A. Eustace	3/4"	2011	481	\$0.00		\$2,282.93	\$2,282.93		\$4.75

## SPREADSHEET NO. 3 - TOWN OF FORT FRANCES - WATER METERS 2016 ACTUAL CONSUMPTION DATA

2016

2016

2016

2016

2016

Account #	Name	Address	Business Type	Meter Size	Installation Date	M <sup>3</sup>	Hydrants/ Sprinklers/ Revenue	Water Revenue	Total Revenue	\$/m <sup>3</sup>
47 021387D	Canada's Pizza Delivery Corp	283 Scott Street	Dominos	3/4"	2010	469	\$0.00	\$2,248.90	\$2,248.90	\$4.79
48 013805A	Fort Frances Curling Club	800 Eighth St.	Recreational	1"	2011	445	\$815.04	\$2,177.45	\$2,992.49	\$4.89
49 040783A	Jim MacDonald Motors	1324 Kings Hwy	Car Dealership	3/4"	2005	432	\$0.00	\$2,139.68	\$2,139.68	\$4.95
50 021444A	Silver and Kircher Ltd.	140 Scott Street	Pharmasave	3/4"	2011	422	\$0.00	\$2,110.06	\$2,110.06	\$5.00
51 029373B	Dennis Roach	1034 Scott St.		3/4"	2006	412	\$0.00	\$2,138.40	\$2,138.40	\$5.19
52 021428A	Linda & Francesco Morelli	122 Scott St	Coffee Shop	3/4"	2008	406	\$0.00	\$2,062.40	\$2,062.40	\$5.08
53 020296A	William MacDonald Motors Limited	981 King's Hwy.	Beside North Amer.	3/4"	2012	400	\$0.00	\$2,045.60	\$2,045.60	\$5.11
54 038100A	Gord & Nancy Witherspoon	335 Nelson St.	Bed & Breakfast	3/4"	2004	400	\$0.00	\$2,045.10	\$2,045.10	\$5.12
55 021501A	1796702 Ontario Limited	228 Scott Street	McTaggart's	3/4"	2011	398	\$0.00	\$2,074.90	\$2,074.90	\$5.21
56 015497C	Crombie Property Holdings	411 Scott Street	Sobeys	1 1/2"	2011	394	\$135.84	\$1,300.02	\$1,435.86	\$3.30
57 036873C	#1566841 Ont Ltd.	298 Scott St.	restaurant	3/4"	2011	394	\$0.00	\$2,028.02	\$2,028.02	\$5.15
58 021957A	Fort Frances Times Ltd.	116 First St. E	Newspaper	3/4"	2011	383	\$0.00	\$1,995.79	\$1,995.79	\$5.21
59 005563A	1391266 Ont. Ltd.	701 Sixth St. W.	Doug Kitowski Truck	3/4"	2004	368	\$0.00	\$2,006.44	\$2,006.44	\$5.45
60 004234B	1140624 Ontario Limited	862 King's Hwy.	Carl's Eatery	3/4"		366	\$0.00	\$1,531.56	\$1,531.56	\$4.18
61 035578A	F. F. & District Assoc Comm	340 Scott Street	Good Impression	3/4"	2011	365	\$0.00	\$1,943.05	\$1,943.05	\$5.32
62 041707A	F-Flecs Restaurant Mgmt, Inc	840 King's Hwy.	Boston Pizza	2"	2009	364	\$0.00	\$1,939.21	\$1,939.21	\$5.33
63 037300A	Rendezvous Restaurants of FF Ltd.	1201 Idylwild Dr	Motel	3/4"	2011	363	\$0.00	\$1,948.91	\$1,948.91	\$5.37
64 021543B	2326271 Ontario Ltd	246 Scott St	Club 88 (Night Club)	1 1/2"	2012	357	\$0.00	\$1,919.61	\$1,919.61	\$5.38
65 040296A	Hammond Landscaping Ltd	400 B 8th St W	Hammond's Landscaping NO SEWER	3/4"	2006	355	\$0.00	\$1,065.69	\$1,065.69	\$3.00
66 015736B	Jeff Wright	432 Scott Street	chiropractic services	3/4"	2011	353	\$0.00	\$1,310.17	\$1,310.17	\$3.71
67 015702A	Taylor Dalton Jack	414 Scott Street		3/4"	2011	352	\$0.00	\$1,931.33	\$1,931.33	\$5.49
68 036948A	Banta Enterprises Ltd.	517 Mowat Ave		3/4"	2011	347	\$0.00	\$1,890.31	\$1,890.31	\$5.45
69 021494B	Angela Galusha	220 Scott Street	Hair Salon	3/4"	2011	341	\$0.00	\$1,872.73	\$1,872.73	\$5.49
70 015116A	422743 Ontario Ltd	324 Church St	Gillons	3/4"	2012	334	\$0.00	\$1,852.22	\$1,852.22	\$5.55
71 015645A	Ceyx Properties Ltd.	360 Scott Street	Bargain Shop	1"	2011	325	\$620.52	\$2,484.46	\$2,484.46	\$5.74
72 021345B	Clara Stainke	267 Scott Street	International Travel	3/4"	2011	324	\$0.00	\$1,822.92	\$1,822.92	\$5.63
73 004143A	West End Motors Inc.	600 King's Hwy.	Car Dealership	1"	2011	322	\$0.00	\$1,817.06	\$1,817.06	\$5.64
74 015554A	Masonic Bldg Assoc. Lt	300 Scott Street	Offices	3/4"	2011	316	\$0.00	\$1,799.48	\$1,799.48	\$5.69
75 016271A	Maurice Fillion	428 Victoria Ave.	accounting office	3/4"	2004	315	\$0.00	\$1,798.02	\$1,798.02	\$5.70
76 036906A	Tom Veert	801 Eighth St.	shop	1"	2011	303	\$0.00	\$1,761.39	\$1,761.39	\$5.81
77 021585A	Christopher/Barb Stainke	272 Scott Street	vacant	3/4"	2012	302	\$0.00	\$1,758.46	\$1,758.46	\$5.82
78 016239A	Paul Visser	511 Victoria Ave	Hair Salon	3/4"	2012	294	\$0.00	\$1,793.62	\$1,793.62	\$6.10
79 024456A	Rostes Maple Leaf Bakery Ltd	814 Scott Street	vacant	3/4"	2012	289	\$0.00	\$1,720.37	\$1,720.37	\$5.95
80 024232A	Einers Foods Limited	610 Scott Street	Store	3/4"	2012	286	\$0.00	\$1,711.58	\$1,711.58	\$5.98
81 005828A	Busch's Auto Supplies	800 Sixth St. W	Store	1"	2011	283	\$0.00	\$1,702.79	\$1,702.79	\$6.02
82 021379A	Rogoza Kenneth Neal	279 Scott Street		3/4"	2012	275	\$0.00	\$1,679.35	\$1,679.35	\$6.11
83 024208B	539989 Ontario Ltd	600 Scott Street	North Air	3/4"	2010	271	\$0.00	\$1,692.77	\$1,692.77	\$6.24
84 021262A	Bruce Parker Enterprises Ltd.	215 Scott Street	Sub Shop	3/4"	2011	267	\$0.00	\$1,655.91	\$1,655.91	\$6.20
85 038142B	1924075 Ontario Ltd	356 Church St	Child Care Resources	3/4"	2004	265	\$0.00	\$1,650.81	\$1,650.81	\$6.22
86 038168A	1796702 Ontario Limited	578 Scott St	McTaggart's	3/4"	2004	257	\$0.00	\$1,626.86	\$1,626.86	\$6.33
87 037087A	Morgan Robert & Barb	436 Scott St	Lawyer's office	3/4"	2004	255	\$0.00	\$1,673.74	\$1,673.74	\$6.57
88 021593A	The New Home Appliances	288 Scott Street	Leon's Furniture	1"	2011	248	\$0.00	\$1,600.24	\$1,600.24	\$6.45
89 040460A	Peters, Andrew	1336 Col. Rd. W.	Peters Plumbing & Heating	3/4"	2004	244	\$0.00	\$1,588.89	\$1,588.89	\$6.51
90 021337D	Mclaine Holdings	261 Scott Street	Simplicity	3/4"	2011	244	\$0.00	\$1,588.52	\$1,588.52	\$6.51
91 021600A	407695 Ontario Ltd	290 Scott Street	Sight and Sound	3/4"	2011	244	\$0.00	\$1,752.60	\$1,752.60	\$7.18
92 021577A	Betty's of Fort Frances	264 Scott Street	Store	3/4"	2011	239	\$0.00	\$1,573.87	\$1,573.87	\$6.59
93 009432A	Walleye Trailer Park	1231 King's Hwy	Trailer Park	3/4"	2004	238	\$0.00	\$1,594.21	\$1,594.21	\$6.70
94 015471A	Celestes Beauty Salon	397 Scott Street	Hair Dresser	3/4"	2008	238	\$0.00	\$1,570.23	\$1,570.23	\$6.60
95 015447A	George Armstrong	343 Scott Street	Royal Bank	3/4"	2011	237	\$0.00	\$1,568.01	\$1,568.01	\$6.62
96 002303A	Lakewood Tire Ltd.	991 King's Hwy.	Retail Tire Shop	3/4"	2011	236	\$0.00	\$1,565.08	\$1,565.08	\$6.63

## SPREADSHEET NO. 3 - TOWN OF FORT FRANCES - WATER METERS 2016 ACTUAL CONSUMPTION DATA

2016 2016 2016

Account #	Name	Address	Business Type	Meter Size	Installation Date	M <sup>3</sup>	Hydrants/	Sprinklers/	Water Revenue	Total Revenue	\$/m <sup>3</sup>
97	041343A	D. McCool Transport Ltd.	garage	3/4"	2005	225	\$0.00	\$0.00	\$1,534.28	\$1,534.28	\$6.80
98	042052A	1578289 Ont. Ltd.		2"	2012	218	\$0.00	\$0.00	\$1,512.34	\$1,512.34	\$6.94
99	040717A	2025973 Ontario Ltd.	Restaurant	3/4"	2012	217	\$0.00	\$0.00	\$1,509.41	\$1,509.41	\$6.96
100	006123A	Paul Garnet Neil & Nancy Dittaro	Upholstery & Graphic Design	1"	2011	207	\$0.00	\$0.00	\$1,480.11	\$1,480.11	\$7.15
101	015661B	Armstrong Larry & James	Northland Basics	3/4"	2006	207	\$0.00	\$0.00	\$1,479.68	\$1,479.68	\$7.15
102	037475A	North American Lumber	lumber retail store	3/4"	2013	203	\$0.00	\$0.00	\$1,526.99	\$1,526.99	\$7.52
103	021246A	CIBC CRE(00087)	Bank	1"	2007	201	\$0.00	\$0.00	\$1,462.33	\$1,462.33	\$7.28
104	031394B	Alan/Melanie Kozik	Flimore Mechanical	3/4"	2012	196	\$0.00	\$0.00	\$1,447.88	\$1,447.88	\$7.39
105	025082A	Green Funeral Home	Funeral Home	1"	2011	195	\$0.00	\$0.00	\$1,503.55	\$1,503.55	\$7.71
106	035461B	Vanessa Herbert	Book Keeping Business	3/4"	2011	195	\$0.00	\$0.00	\$1,444.95	\$1,444.95	\$7.41
107	037433A	G.Armstrong Co.	NO SEWER	1 1/2"	2011	186	\$0.00	\$0.00	\$730.62	\$730.62	\$3.93
108	016106B	Tracy Peltnick	massage	3/4"	2006	184	\$0.00	\$0.00	\$1,122.53	\$1,122.53	\$6.09
109	021824A	Banta Enterprises Ltd.	515 A First St	3/4"	2011	180	\$0.00	\$0.00	\$1,401.00	\$1,401.00	\$7.78
110	021569A	Nickel Lake Development	256A Scott Street	3/4"	2011	175	\$0.00	\$0.00	\$1,430.30	\$1,430.30	\$8.17
111	038184A	Cousineau Health Services	Health Care Facility	3/4"	2004	171	\$0.00	\$0.00	\$1,373.77	\$1,373.77	\$8.05
112	015421A	777714 Ontario Ltd.	Prime Cuts	3/4"	2011	168	\$0.00	\$0.00	\$1,447.88	\$1,447.88	\$8.62
113	021353A	560102 Ontario Ltd.	Tess's Kitchen	1"	2011	167	\$0.00	\$0.00	\$1,362.91	\$1,362.91	\$8.16
114	040684B	Teresita DelRosario-Coish & Robert Colish	Railway Company	3/4"	2007	165	\$0.00	\$0.00	\$1,357.77	\$1,357.77	\$8.25
115	001214A	CN Rail	vacant	3/4"	2012	164	\$0.00	\$0.00	\$1,398.07	\$1,398.07	\$8.52
116	041468A	1251597 ONT LTD	U Brew Cheers	1"	2006	164	\$620.52	\$620.52	\$1,447.00	\$2,067.52	\$8.83
117	005860B	Joshua Leatherdale	Union Gas Ltd.	3/4"	2011	163	\$0.00	\$0.00	\$1,357.05	\$1,357.05	\$8.33
118	035403A	Energy Fundamentals Group	hair dresser	3/4"	2012	161	\$0.00	\$0.00	\$1,345.33	\$1,345.33	\$8.36
119	037805A	Renée Rousseau-Winik & Garry Winik	DeGagne Construction	3/4"	2005	161	\$0.00	\$0.00	\$1,344.46	\$1,344.46	\$8.37
120	005430B	753916 Ontario Ltd.	Motel	3/4"	2016	159	\$0.00	\$0.00	\$1,371.31	\$1,371.31	\$8.62
121	037417A	1413986 Ontario Ltd.	Warehouse	3/4"	2012	159	\$0.00	\$0.00	\$1,357.49	\$1,357.49	\$8.54
122	037136A	J.N. Webb & Sons	Dollar Store	3/4"	2011	155	\$0.00	\$0.00	\$1,488.90	\$1,488.90	\$9.61
123	015611B	Metal Lawson James	Bowling Alley	3/4"	2011	153	\$0.00	\$0.00	\$1,354.05	\$1,354.05	\$8.85
124	021254A	1103538 Ontario Inc.	cement works	1"	2011	151	\$0.00	\$0.00	\$1,316.03	\$1,316.03	\$8.72
125	024430A	Arnold Rollins	Sight and Sound	3/4"	2011	147	\$0.00	\$0.00	\$1,412.72	\$1,412.72	\$9.61
126	021775A	2042729 Ontario Inc	office	3/4"	2011	141	\$0.00	\$0.00	\$1,336.54	\$1,336.54	\$9.48
127	011677A	Cam & Josephine Belluz	Trucking Company	3/4"	2004	141	\$0.00	\$0.00	\$1,315.15	\$1,315.15	\$9.35
128	021626A	407695 Ontario Ltd	Store	3/4"	2011	140	\$0.00	\$0.00	\$1,380.49	\$1,380.49	\$9.86
129	041161A	Knapp Investments	Trucking Company	3/4"	2004	136	\$0.00	\$0.00	\$1,384.40	\$1,384.40	\$10.20
130	009599A	Thunder Bay Truck Centre Holdings Inc.	Store	1"	2011	134	\$0.00	\$0.00	\$1,324.82	\$1,324.82	\$9.89
131	036568A	Belfys of Fort Frances	TD Bank	3/4"	2011	131	\$0.00	\$0.00	\$1,368.77	\$1,368.77	\$10.45
132	021452A	The Toronto-Dominion Realty Co. Ltd.	Mike Carmody Equipment Contractor	3/4"	2004	130	\$0.00	\$0.00	\$1,322.45	\$1,322.45	\$10.14
133	005787A	1752515 Ontario Ltd.	Investments	3/4"	2012	127	\$0.00	\$0.00	\$1,524.06	\$1,524.06	\$12.00
134	015596B	Catherine & Deborah Ennes	Tagg's	3/4"	2011	118	\$0.00	\$0.00	\$1,231.06	\$1,231.06	\$10.43
135	036344A	Silver and Kircher Ltd.	Forestry company	3/4"	2011	113	\$0.00	\$0.00	\$1,277.94	\$1,277.94	\$11.31
136	008468A	D. McCool Transport Ltd.	The Place (Food retail Store)	3/4"	2004	111	\$0.00	\$0.00	\$1,380.39	\$1,380.39	\$12.44
137	004284A	364 Stores Inc	Law Office	3/4"	2006	108	\$0.00	\$0.00	\$1,229.87	\$1,229.87	\$11.34
138	015207D	Phillips Insurance Agency	Bell Telephone	3/4"	2012	108	\$0.00	\$0.00	\$1,260.36	\$1,260.36	\$11.67
139	021212A	Bell Alliant Regional Co.	Cousineau Real Estate Ltd.	2"	2011	108	\$194.52	\$194.52	\$1,228.13	\$1,422.65	\$11.87
140	021551B	Robert/Daniel Cousineau	Animal Clinic	3/4"	2011	108	\$0.00	\$0.00	\$1,277.94	\$1,277.94	\$11.33
141	016172A	432174 Ontario Ltd	Stewart & Sande CA	3/4"	2011	106	\$0.00	\$0.00	\$1,225.20	\$1,225.20	\$11.56
142	031203A	RR Dist. Office Services Ltd	4 Your Pet	3/4"	2011	106	\$0.00	\$0.00	\$1,254.50	\$1,254.50	\$11.83
143	021478A	Mario's Jewellers Inc.	Mechanic	3/4"	2011	104	\$0.00	\$0.00	\$1,225.20	\$1,225.20	\$11.78
144	005852A	William Krag	Mechanic	3/4"	2013	101	\$0.00	\$0.00	\$1,242.78	\$1,242.78	\$12.30
145	006313A	Smeeth D. & G. Sigurdson	Mechanic	3/4"	2011	101	\$0.00	\$0.00	\$1,286.73	\$1,286.73	\$12.74
146	036849C	Daryl's Custom Landscaping	Daryl's Custom Landscaping	3/4"	2011	101	\$0.00	\$0.00	\$1,231.06	\$1,231.06	\$12.19

## SPREADSHEET NO. 3 - TOWN OF FORT FRANCES - WATER METERS 2016 ACTUAL CONSUMPTION DATA

2016

2016

2016

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2016

Account #	Name	Address	Business Type	Meter Size	Installation Date	M <sup>3</sup>	Hydrants Revenue	Sprinklers/	Water Revenue	Total Revenue	\$/m <sup>3</sup>
147 016445A	Donald Taylor	504 Armit Ave.	lawyer office	3/4"	2004	99	\$0.00		\$1,254.52	\$1,254.52	\$12.72
148 021480C	Ocean Capital Investments Moncton Ltd.	206 Scott Street	Radio Station	3/4"	2011	93	\$0.00		\$1,231.06	\$1,231.06	\$13.24
149 037277A	West End Motors	600 Kings Hwy	Car Dealership	3/4"	2011	92	\$0.00		\$1,225.20	\$1,225.20	\$13.32
150 015439A	1308900 Ontario Ltd.	339 Scott Street	DeKsen Law	3/4"	2011	87	\$0.00		\$1,269.15	\$1,269.15	\$14.59
151 005498B	George Amstrong Co. Ltd.	840 Fifth St. W.	Contractor	3/4"	2005	87	\$0.00		\$1,233.20	\$1,233.20	\$14.24
152 036766B	Senic River Mall Inc.	2-130 Second St. E	vacant	3/4"	2011	85	\$0.00		\$1,236.92	\$1,236.92	\$14.55
153 038572A	Town of Fort Frances	1319 Colonization Rd. W	Cemetary In active in Winter	3/4"	2011	84	\$0.00		\$496.47	\$496.47	\$5.91
154 015629A	Hogan Bradley Leo	334 Scott Street	Border Travel	3/4"	2011	83	\$0.00		\$1,275.01	\$1,275.01	\$15.36
155 021783A	1156907 Ontario Ltd	411 Mowat Ave.	Fort Duty Free	3/4"	2011	83	\$0.00		\$1,225.20	\$1,225.20	\$14.76
156 035544B	SDLP Showcat Ltd. (Sobey's)	417 Scott Street	Gas Bar	3/4"	2011	79	\$0.00		\$1,021.00	\$1,021.00	\$12.92
157 016106C	Henry Luke	515 A First St	massage	3/4"	2006	78	\$0.00		\$620.91	\$620.91	\$6.64
158 005472A	1468189 Ontario Ltd	800 Fifth St. W.	R&B Auto	3/4"	2011	71	\$0.00		\$1,225.20	\$1,225.20	\$17.26
159 041278A	1188710 Ontario Ltd.	840 6th St W	Jay Burnett	3/4"	2005	71	\$0.00		\$1,272.08	\$1,272.08	\$17.92
160 005521A	Dilmars. Robert/Blondina	924 Fifth St. W.	Guillemin International	3/4"	2011	70	\$0.00		\$1,225.20	\$1,225.20	\$17.50
161 022575B	Senic River Mall Inc.	3-130 Second St. E.	M & M MEATS	3/4"	2011	69	\$0.00		\$1,225.20	\$1,225.20	\$17.76
162 018441B	Barbara Godbout	508 Second St. E.	Maddy's	3/4"	2004	68	\$0.00		\$1,239.87	\$1,239.87	\$18.18
163 015570A	Brad Hogan Enterprises Ltd	310 Scott Street	Fort Floral	3/4"	2011	68	\$0.00		\$1,225.20	\$1,225.20	\$18.02
164 015679A	B & W. Investments	400 Scott Street	Holmlunds Investments	3/4"	2011	68	\$0.00		\$1,225.20	\$1,225.20	\$18.02
165 015695A	Thomson Jack Edward & Marla	408 Scott Street	Land Surveyor	3/4"	2011	66	\$0.00		\$1,225.20	\$1,225.20	\$18.56
166 021361A	Douglas Culbertson Trustee	277B Scott Street	Northwoods Gallery & Gift	3/4"	2011	66	\$0.00		\$1,231.06	\$1,231.06	\$18.65
167 041145A	CN Rail	100 Third St. E	C N Bunkhouse	3/4"	2004	65	\$0.00		\$1,225.20	\$1,225.20	\$18.85
168 021535B	Melanie Kozik	244 Scott Street	Store	3/4"	2011	65	\$0.00		\$1,225.20	\$1,225.20	\$18.85
169 040907A	Tom Veert	801 C Eighth St W		3/4"	2003	63	\$0.00		\$1,286.73	\$1,286.73	\$20.42
170 021270B	Bruce Lidkea	221 Scott Street	Eye Doctor	3/4"	2011	62	\$0.00		\$1,236.92	\$1,236.92	\$19.95
171 040741A	Town of Fort Frances	401 Kings Hwy	Cemetary In active in Winter	3/4"	2011	61	\$0.00		\$468.79	\$468.79	\$7.69
172 006248B	686867 Ontario Ltd.	921 Kealing Ave	K & M. Trucking	3/4"	2004	61	\$0.00		\$1,225.20	\$1,225.20	\$20.19
173 017005A	Brewers Retail Inc.	343 Fifth St. E.	Beer Store	3/4"	2011	59	\$0.00		\$1,225.20	\$1,225.20	\$20.77
174 035479A	Resolute FP Canada Inc	220 Church St.	Customs Building	1 1/2"	2013	59	\$0.00		\$1,324.82	\$1,324.82	\$22.45
175 015588A	Peter C. Jensen Ltd.	314 Scott Street	Locker Eye Glasses	3/4"	2011	57	\$0.00		\$1,225.20	\$1,225.20	\$21.49
176 037219B	Rainy Lake Plaza	#5-540 Kings Hwy	FF Chiropratic	3/4"	2011	57	\$0.00		\$1,225.20	\$1,225.20	\$21.49
177 015562B	Paula Plichta Jensen	306 Scott Street		3/4"	2011	55	\$0.00		\$1,225.20	\$1,225.20	\$22.28
178 036774B	Senic River Mall Inc.	5-130 Second St. E	Herbal Magic	3/4"	2011	55	\$0.00		\$1,225.20	\$1,225.20	\$22.28
179 038027B	Senic River Mall Inc.	4-130 Second St. E	Cooper Chiropractic	3/4"	2005	52	\$0.00		\$1,225.20	\$1,225.20	\$23.44
180 005555B	Revco Carpet Centre Ltd.	950 Fifth St. W.	Flooring shop	3/4"	2011	48	\$0.00		\$1,225.20	\$1,225.20	\$25.53
181 015752A	GERS Investments Inc.	448 Scott Street	Wilsons Business Solu	3/4"	2011	48	\$0.00		\$1,225.20	\$1,225.20	\$25.53
182 022559A	Gushuak Services Ltd	617 Mowat Ave.	Fort Frances General Sup	3/4"	2011	48	\$0.00		\$1,225.20	\$1,225.20	\$25.53
183 036782B	Senic River Mall Inc.	1-130 Second St E	vacant	3/4"	2011	48	\$0.00		\$1,225.20	\$1,225.20	\$25.53
184 005597C	Bus Stop Holdings Limited	821 Sixth St. W.	School Bus Garage	3/4"	2004	46	\$0.00		\$1,225.20	\$1,225.20	\$26.42
185 042169A	Tom Veert	801 Eighth St.	Forestry Company	3/4"	2015	46	\$0.00		\$1,225.20	\$1,225.20	\$26.68
186 005901B	Fred Brown Equipment	951 Sixth St. W.	Retail Store	3/4"	2012	43	\$0.00		\$1,228.13	\$1,228.13	\$28.56
187 036922A	R V Green Furniture	516B Mowat Ave.		3/4"	2011	43	\$0.00		\$1,225.20	\$1,225.20	\$28.49
188 006008A	Northern Cartage Limited	1000 McIrvine Rd.	Trucking Company	3/4"	2011	42	\$0.00		\$1,225.20	\$1,225.20	\$29.17
189 021311A	Brockie Edward	255 Scott Street	Jewellery Store	3/4"	2011	42	\$0.00		\$1,225.20	\$1,225.20	\$29.17
190 037128B	J.N. Webb & Sons	835 McKenzie Ave.	Store	3/4"	2011	40	\$0.00		\$1,225.20	\$1,225.20	\$30.63
191 010124B	Rodney Harrison	300 Pti Rd No. 2	pro shine no sewer	3/4"	2012	39	\$0.00		\$633.60	\$633.60	\$16.25
192 041270A	Canadian Tire Corporation	1000 King's Hwy	Canadian Tire	1"	2012	39	\$0.00		\$1,225.20	\$1,225.20	\$31.42
193 037110C	Tookenay Brent	474 Scott St		3/4"	2004	38	\$0.00		\$1,225.20	\$1,225.20	\$32.47
194 041567A	M. L. Caron Electric Ltd.	900 Fifth St. W.		3/4"	2008	35	\$0.00		\$1,225.20	\$1,225.20	\$35.00
195 022377A	Liquor Control Board	210 Third St. E.	Store	1"	2006	34	\$0.00		\$1,225.20	\$1,225.20	\$35.70
196 036857A	Resolute FP Canada Inc	Kraft Mill	Pulp & Mill Company	6"	1992	32	\$0.00		\$1,225.20	\$1,225.20	\$38.50

## SPREADSHEET NO. 3 - TOWN OF FORT FRANCES - WATER METERS 2016 ACTUAL CONSUMPTION DATA

2016

2016

2016

2016

2016

2016

2016

2016

Account #	Name	Address	Business Type	Meter Size	Installation Date	M <sup>3</sup>	Hydrants/	Sprinklers/	Water Revenue	Total Revenue	\$/m <sup>3</sup>
197	041335A	Town of Fort Frances	237 Fifth St. W.	3/4"	2005	31		\$0.00	\$283.02	\$283.02	\$9.05
198	016255A	Clare Brunetta	420 Victoria Ave.	3/4"	2004	31		\$0.00	\$1,225.20	\$1,225.20	\$39.34
199	037251A	Rainy Lake Plaza	#6 - 540 Kings Hwy	3/4"	2011	31		\$0.00	\$929.11	\$929.11	\$29.97
200	041442B	Gambill, John	710 Fifth St W	3/4"	2006	27		\$0.00	\$918.90	\$918.90	\$33.86
201	037269A	West End Motors	600 Kings Hwy	3/4"	2011	26		\$0.00	\$1,225.20	\$1,225.20	\$47.12
202	036807B	Senic River Mall Inc.	7-130 Second St. E.	3/4"	2011	24		\$0.00	\$1,225.20	\$1,225.20	\$51.05
203	031653A	Larry & James Armstrong	380 Scott Street	3/4"	2011	23		\$0.00	\$1,225.20	\$1,225.20	\$53.27
204	005406A	Marlian Properties	600 Fifth St. W.	3/4"	2011	21		\$0.00	\$1,225.20	\$1,225.20	\$58.34
205	035502A	Ontario Realty Corp	400 Central Ave.	1"	2011	21		\$0.00	\$638.33	\$638.33	\$30.40
206	005795A	757446 Ontario Limited	740 Sixth St. W.	3/4"	2011	19		\$0.00	\$1,225.20	\$1,225.20	\$64.48
207	021296D	Mario Galluzzo	229 Scott St	3/4"	2004	16		\$0.00	\$1,225.20	\$1,225.20	\$77.00
208	029513A	Shaw Cable Systems	1037 First St. E.	3/4"	2010	16		\$0.00	\$1,225.20	\$1,225.20	\$77.00
209	005919A	1017698 Ontario Limited	941 Sixth St. W.	3/4"	2012	14		\$0.00	\$1,225.20	\$1,225.20	\$87.51
210	005927C	1017698 Ontario Limited	921 Sixth St. W.	3/4"	2011	14		\$0.00	\$1,225.20	\$1,225.20	\$87.51
211	035544C	Crombie Property Holdings	417 Scott Street	3/4"	2011	14		\$0.00	\$204.20	\$204.20	\$14.59
212	021634A	Derek Jackson	294 Scott St	3/4"	2004	13		\$0.00	\$1,225.20	\$1,225.20	\$91.36
213	021288C	1862235 Ontario Ltd.	225 Scott St	3/4"	2012	12		\$0.00	\$1,225.20	\$1,225.20	\$102.10
214	037441A	G.Armstrong Co.	Pit Rd #2	3/4"	2011	11		\$0.00	\$633.60	\$633.60	\$57.60
215	021767B	Mark & Twyla Howarth	525 Portage Ave.	3/4"	2011	9		\$0.00	\$945.24	\$945.24	\$103.96
216	042185A	9395067 Canada Inc.	700 Fifth St. W.	2"	2010	9		\$0.00	\$1,162.61	\$1,162.61	\$129.18
217	021402A	757582 Ontario Limited	297 Portage Ave.	3/4"	2013	8		\$0.00	\$1,225.20	\$1,225.20	\$153.15
218	009581B	1038881 Ontario Ltd.	411 McIrvine Rd	3/4"	2004	8		\$0.00	\$685.09	\$685.09	\$84.64
219	041442C	Lakewood Tire Ltd.	710 Fifth St W	3/4"	2006	7		\$0.00	\$306.30	\$306.30	\$42.64
220	015455C	Salvation Army	353 Scott Street	3/4"	2004	3		\$0.00	\$309.67	\$309.67	\$103.22
221	009581C	Norwest Animal Clinic	411 McIrvine Rd	3/4"	2012	2		\$0.00	\$540.11	\$540.11	\$182.78
222	037011B	Rosengarten Holdings	520 Scott St	3/4"	2009	0		\$0.00	\$1,225.20	\$1,225.20	\$612.60
223	041640B	Midtown Motel	801 Colon Rd. E	3/4"	2004	0		\$0.00	\$1,225.20	\$1,225.20	\$5,390.23
224	042000B	TCB Investments Ltd.	850 King's Hwy.	3/4"	2004	0		\$0.00	\$816.80	\$816.80	#DIV/0!
225	004200C	4 High Street Inc.	850 King's Hwy	3/4"	2004	0		\$0.00	\$0.00	\$0.00	#DIV/0!
226	005547A	D. McCool Transport Ltd.	940 Fifth St. W.	3/4"	2008	0		\$0.00	\$0.00	\$0.00	#DIV/0!
227	005878A	R.E. Gushulak Distributing	880 Sixth St. W.	3/4"	2011	0		\$0.00	\$1,225.20	\$1,225.20	\$1,225.20
228	014564A	Ontario Realty Corp	353 Church St.	3/4"	2011	0		\$0.00	\$1,225.20	\$1,225.20	#DIV/0!
229	019407A	Sunset Country Snow. Club	330 Eighth St. W.	3/4"	2004	0		\$0.00	\$1,225.20	\$1,225.20	#DIV/0!
230	021113A	Resolute FP Canada Inc	210 Nelson St.	3/4"	2011	0		\$0.00	\$0.00	\$0.00	#DIV/0!
231	021163B	Ryan Mason	237 Church St	3/4"	2004	0		\$0.00	\$0.00	\$0.00	#DIV/0!
232	021668A	Joseph Delbo	127 First St. E.	3/4"	2011	0		\$0.00	\$0.00	\$0.00	#DIV/0!
233	021791A	Resolute FP Canada Inc	415 Mowat Ave.	4"	1991	0		\$0.00	\$0.00	\$0.00	#DIV/0!
234	021832A	Resolute FP Canada Inc	318 Mowat Ave.	2"	2013	0		\$0.00	\$0.00	\$0.00	#DIV/0!
235	021874A	Resolute FP Canada Inc	420 Mowat Ave.	3/4"	2004	0		\$0.00	\$0.00	\$0.00	#DIV/0!
236	024349A	1016435 Ontario Ltd.	700 Scott Street	3/4"	2011	0		\$0.00	\$140.80	\$140.80	\$0.00
237	024422B	William Krag	800 Scott St	1 1/2"	2008	0		\$0.00	\$0.00	\$0.00	#DIV/0!
238	035445A	Midtown Motel	417 B Portage Ave	1"	2011	0		\$0.00	\$0.00	\$0.00	#DIV/0!
239	035487A	Resolute FP Canada Inc	400 Mowat Ave.	3/4"	2013	0		\$0.00	\$1,225.20	\$1,225.20	\$1,225.20
240	036855B	#1566841 Ont. Ltd.	507 Portage Ave.	5/8"	1971	0		\$0.00	\$0.00	\$0.00	#DIV/0!
241	037201A	Rainy Lake Plaza	#2 - 540 Kings Hwy	3/4"	2011	0		\$0.00	\$0.00	\$0.00	#DIV/0!
242	037235A	Rainy Lake Plaza	540 D Kings Hwy	3/4"	2011	0		\$0.00	\$0.00	\$0.00	#DIV/0!
243	037243A	Rainy Lake Plaza	5-540 Kings Hwy	3/4"	2011	0		\$0.00	\$0.00	\$0.00	#DIV/0!
244	038126A	Town of Fort Frances	Front St.	3/4"	2011	0		\$0.00	\$507.23	\$507.23	\$507.23
245	038134C	Fort Frances Community Clinic Inc.	363 Church St.	3/4"	2011	0		\$0.00	\$0.00	\$0.00	#DIV/0!
246	040436B	Sun Gro Horticulture	951 McIrvine Rd N	3/4"	2004	0		\$0.00	\$0.00	\$0.00	#DIV/0!



## SPREADSHEET NO. 3 - TOWN OF FORT FRANCES - WATER METERS 2016 ACTUAL CONSUMPTION DATA

Account #	Name	Address	Business Type	Meter Size	Installation		M^3	Sprinklers/		Water Revenue	Total Revenue	\$/m^3
					Date			Hydrants Revenue				
247	040874A	Resolute FP Canada Inc	110 First St. E.	Inactive	3/4"	2004	0	-	-	-	-	-
248	041608A	Resolute FP Canada Inc	301 Nelson St	Bio-Mass	1 1/2"	2008	0	-	-	-	-	-
249	041731A	Resolute FP Canada Inc	303 Nelson	Inactive	3/4"	2010	0	-	-	-	-	-
250	041905A	Resolute FP Canada Inc	1229 Cornwall Ave N	Mill	2"	2011	0	\$0.00	\$1,225.20	\$1,225.20	#DIV/0!	
Total							130,643	\$6,705.28	\$589,940.93	\$595,646.21		

## INSTITUTIONAL METERS

1	019340A	Riverside Health Care	550 Osborne St.	Rainycrest Home for Aged	4"	2012	44,590	\$0.00	\$151,779.68	\$151,779.68	\$3.40
2	037152A	Riverside Health Care	110 Victoria Ave.	Hospital	4"	2012	29,065	\$0.00	\$99,305.18	\$99,305.18	\$3.42
3	041616A	Ontario Realty Corp	520 Eighth St. E	Youth Justice Facility	2"	2008	12,765	\$0.00	\$44,211.18	\$44,211.18	\$3.46
4	036758A	Town of Fort Frances	720 Scott Street	Pool	4"	2011	7,064	\$0.00	\$24,941.80	\$24,941.80	\$3.53
5	004193A	RR Dist School Board	440 McIrvine Rd.	Fort Frances High School	3"	2012	4,634	\$0.00	\$16,728.40	\$16,728.40	\$3.61
6	036972A	Fort Frances Day Care	1150 Portage Ave	Institutional	2"	2011	4,514	\$0.00	\$16,322.80	\$16,322.80	\$3.62
7	014340A	Ontario Realty Corp	310 Nelson	Ontario District Jail	2"	2007	3,046	\$194.52	\$11,362.09	\$11,556.61	\$3.73
8	035510A	Resolute FP Canada Inc.	101 Church St.	Customs Building	1 1/2"	2013	2,619	\$0.00	\$9,917.70	\$9,917.70	\$3.79
9	006131A	FFRR BD of Education	475 Keating Ave.	J W Walker School	2"	2004	1,993	\$194.52	\$7,803.38	\$7,997.90	\$3.91
10	040775A	Parks Board	Point Park	Inactive	3/4"	1997	1,863	\$0.00	\$6,750.47	\$6,750.47	\$3.62
11	006347B	Town of Fort Frances	100 McIrvine Rd.	Sewage Treatment	2"	2009	1,840	\$0.00	\$7,284.68	\$7,284.68	\$3.96
12	036881A	Town of Fort Frances	900 Wright Ave.	Public Works	1 1/2"	2011	1,276	\$0.00	\$5,378.36	\$5,378.36	\$4.22
13	041715A	FFRR BD of Education	528 Second St. E.	Robert Moore School	3"	2010	1,194	\$0.00	\$5,101.20	\$5,101.20	\$4.27
14	028391A	N.W. Catholic School Bld	820 Fifth St. E.	St. Michael's	2"	2012	1,172	\$0.00	\$5,026.84	\$5,026.84	\$4.29
15	041426A	Riverside Health Care	110 Victoria Ave.	Health Care Facility	3/4"	2004	939	\$0.00	\$4,238.52	\$4,238.52	\$4.52
16	038556A	Town of Fort Frances	700 McIrvine Rd	Inactive	1 1/2"	2011	730	\$0.00	\$3,101.77	\$3,101.77	\$4.25
17	037409A	The NW Catholic Dist	675 Flinders Ave.	St. Francis School	1"	2013	707	\$0.00	\$3,455.14	\$3,455.14	\$4.89
18	041955A	Town of Fort Frances	1030 Portage Ave N.	North End Rink	1"	2012	602	\$0.00	\$2,350.93	\$2,350.93	\$3.91
19	016213A	United Native Friendship	516 Portage Ave	Offices	3/4"	2011	568	\$0.00	\$2,985.32	\$2,985.32	\$5.26
20	041939A	Town of Fort Frances	1227 Fifth St. E.	East End Hall	1"	2012	568	\$0.00	\$3,034.34	\$3,034.34	\$5.34
21	006298A	Northwest Catholic DI.	675 Flinders Ave.	St. Francis School	1"	2013	503	\$194.52	\$2,960.14	\$2,960.14	\$5.50
22	014770A	FF Clinic Holdings Ltd	301 Victoria Ave.	Fort Frances Clinic	1 1/2"	2012	489	\$0.00	\$2,718.30	\$2,718.30	\$5.56
23	015405A	Public Works Canada	303 Scott Street	Post Office	1"	2011	485	\$0.00	\$2,704.78	\$2,704.78	\$5.58
24	024498A	F.F. Town Arena	720 Scott St.	Sportsplex	3"	2011	451	\$796.92	\$3,389.32	\$3,389.32	\$5.75
25	024472A	Ontario Realty Corp	922 Scott Street	MNR	2"	2011	420	\$194.52	\$2,485.08	\$2,679.60	\$5.92
26	041377A	Metis Ventures Inc.	714 Amit Ave	office	3/4"	2006	368	\$0.00	\$2,288.83	\$2,288.83	\$6.22
27	040767A	Parks Board	Point Park	Inactive	1"	1993	310	\$0.00	\$718.23	\$718.23	\$2.32
28	014259A	Town of Fort Frances	401 Nelson	Sister Kennedy	1"	2012	298	\$0.00	\$2,072.72	\$2,072.72	\$6.96
29	040759A	Parks Board	Point Park	Inactive	3/4"	2003	298	\$0.00	\$1,394.26	\$1,394.26	\$4.68
30	014803A	Riverside Health Care	206 Victoria Ave.	offices	3/4"	2011	287	\$0.00	\$1,977.45	\$1,977.45	\$6.89
31	035528A	Ontario Realty Corp	922 Scott Street	MNR	2"	2011	284	\$0.00	\$1,972.72	\$1,972.72	\$6.95
32	041723A	Public Library	601 Reid Ave	Public Library	2"	2010	275	\$0.00	\$1,965.96	\$1,965.96	\$7.15
33	015760C	RRDSSAB	450 Scott Street	office	3/4"	2006	273	\$0.00	\$1,986.66	\$1,986.66	\$7.29
34	041947A	Town of Fort Frances	1125 Colonization Rd W.	McIrvine Rink	1 1/2"	2011	262	\$0.00	\$1,201.73	\$1,201.73	\$4.59
35	023771B	RRDSSAB	801 Scott Street	ambulance garage	3/4"	2007	260	\$0.00	\$1,944.40	\$1,944.40	\$7.48
36	022583A	United Native Friendship	616 Mowat Ave.	Institutional	3/4"	2012	210	\$0.00	\$1,775.28	\$1,775.28	\$8.45
37	006074A	Fort Frances Power Corp	939 Wright Ave.	Utility Company	3/4"	2004	206	\$0.00	\$1,625.19	\$1,625.19	\$7.87
38	015687B	1276154 Ontario Ltd	404 Scott Street	Ontario Addiction Treatment	3/4"	2011	199	\$0.00	\$1,738.10	\$1,738.10	\$8.73
39	041997A	Rainy River District School Board Office	522 Second St. E.	School Board Office	1 1/2"	2011	186	\$0.00	\$1,673.13	\$1,673.13	\$8.98
40	040650A	Town of Fort Frances	900 Blk Second St. E.	Inactive	3/4"	2011	176	\$0.00	\$940.28	\$940.28	\$5.34
41	040915A	United Native Friendship Ctr	308 Buller	Institutional	3/4"	2004	166	\$0.00	\$1,631.44	\$1,631.44	\$9.81
42	035619B	Armstrong, Jim	396B Scott Street	Northwestern Health Unit	3/4"	2011	147	\$0.00	\$1,500.87	\$1,500.87	\$10.21
43	035536A	Ontario Realty Corp	922 Scott Street	MNR	1"	2011	145	\$0.00	\$1,516.72	\$1,516.72	\$10.46

**SPREADSHEET NO. 3 - TOWN OF FORT FRANCES - WATER METERS 2016 ACTUAL CONSUMPTION DATA**

2016                      2016                      2016

Account #	Name	Address	Business Type	Meter Size	Installation Date	M <sup>3</sup>	Hydrants/ Sprinklers/	Water Revenue	Total Revenue	\$/m <sup>3</sup>
44	Ontario Realty Corp	333 Church St.	Court House	2"	2009	140	\$194.52	\$1,429.40	\$1,623.92	\$10.21
45	Fort Frances Museum	259 Scott Street	Museum	3/4"	2011	129	\$0.00	\$1,391.94	\$1,391.94	\$10.79
46	F.F. & District Assoc Comm	336 Scott Street	Probation Office	3/4"	2011	127	\$0.00	\$1,317.09	\$1,317.09	\$10.37
47	The NW Catholic Dist	555 Flinders Ave.	Board Office	1"	2011	122	\$0.00	\$1,320.33	\$1,320.33	\$10.82
48	Armstrong, Larry George	396 Scott Street	Northwestern Health Unit	1"	2007	115	\$0.00	\$1,341.06	\$1,341.06	\$11.66
49	Volunteer Bureau	1 - 140 Fourth St. W	offices	3/4"	2012	106	\$0.00	\$1,384.90	\$1,384.90	\$13.07
50	Civic Administration	320 Portage Ave	Town Hall	3"	2011	86	\$0.00	\$1,225.20	\$1,225.20	\$14.25
51	Ontario Realty Corp	283 Church St.	M.T.O.	3/4"	2011	79	\$0.00	\$1,320.26	\$1,320.26	\$16.71
52	Town of Fort Frances	401 Kings Hwy	Inactive In Winter	3/4"	2013	76	\$0.00	\$526.99	\$526.99	\$6.93
53	Hydro One Networks Inc.	551 Holmes Ave.	Utility Company	1"	2011	71	\$0.00	\$1,225.20	\$1,225.20	\$17.26
54	Town of Fort Frances	900 Wright Ave.	Public Works Dog Pound	3/4"	2011	60	\$0.00	\$1,357.79	\$1,357.79	\$22.63
55	Riverside Health Care	110 Victoria Ave.	ambulance garage	3/4"	2006	55	\$0.00	\$1,257.26	\$1,257.26	\$22.91
56	Cole, Candace	608A Scott Street		3/4"	2011	42	\$0.00	\$339.23	\$339.23	\$8.08
57	Hudson James/William	608A Scott Street	Rainy River Future Dev.	3/4"	2011	36	\$0.00	\$997.93	\$997.93	\$27.72
58	Senic River Mall Inc.	6-130 Second St. E	MPAC office	3/4"	2011	19	\$0.00	\$1,225.20	\$1,225.20	\$64.48
59	Metis Ventures Inc.	426 Victoria Ave.	Institutional	3/4"	2013	17	\$0.00	\$1,225.20	\$1,225.20	\$72.07
Total						129,728	\$1,769.52	\$493,154.91	\$494,924.43	
Grandtotal						260,371	\$7,474.80	\$1,083,095.84	\$1,090,570.64	

**FLAT RATE COMMERCIAL**

1	014150C	Town Of Fort Frances	328 Sinclair St.	Inactive	-	-	-	-	-	N/A
2	034124A	Town Of Fort Frances	915 Colonization, Rd. E.	Water Treatment Plant	-	-	-	\$1,225.20	\$1,225.20	N/A
3	041153A	Resolute FP Canada Inc.	Veteran Ave. Compound	Inactive	-	-	-	-	-	N/A
4	042050A	Town Of Fort Frances	Point Park Office	Point Park Office	-	-	\$0.00	\$342.54	\$342.54	N/A
5	042078A	Town Of Fort Frances	Point Park Sanitary Pump Station	Point Park Sanitary Pump Station	-	-	\$0.00	\$1,225.20	\$1,225.20	N/A
Total							\$0.00	\$2,792.94	\$2,792.94	
Grandtotal							\$7,474.80	\$1,085,888.78	\$1,093,363.58	

**COUCHICHIING**

1	037376A	Couchiching Band Office	Couchiching First Nation	Non-Resident	6"	2005	\$0.00	\$71,720.86	\$71,720.86	\$5.05
2	037394A	Couchiching Band Office	Couchiching First Nation	Non-Resident	10"	2008	\$0.00	\$669,432.90	\$669,432.90	\$5.21
Total						142,690	\$0.00	\$741,153.76	\$741,153.76	
Grandtotal						403,061	\$7,474.80	\$1,827,042.54	\$1,834,517.34	

**NON-RESIDENT**

1	037326A	Myers Hanger	1500 School Rd.	Non-Resident	3/4"	2011	\$0.00	\$1,531.50	\$1,531.50	\$7.22
2	037342A	Nanicoast	P.O. Box 442	Non-Resident	2"	2013	\$815.04	\$3,386.50	\$4,201.54	\$5.21
3	037350A	Nanicoast	P.O. Box 442	Non-Resident	2"	2013	\$0.00	\$4,892.19	\$4,892.19	\$5.21
4	037368A	Gizhewaadiziwin Health Access Centre	1460 dywild Dr.	Non-Resident	1"	2011	\$0.00	\$2,261.14	\$2,261.14	\$5.21
5	041913A	Southern Police Detachment Building Committee	1450 dywild Dr.	Non-Resident	2"	2010	\$0.00	\$1,531.50	\$1,531.50	\$8.98
Total						2405	\$815.04	\$13,602.83	\$14,417.87	
Grandtotal						405467	\$8,289.84	\$1,840,645.37	\$1,848,935.21	
						142,256				

**HYDRANTS AND SPRINKLERS ONLY**

1	037178A	RRSSAB (A1)	1301 Elizabeth St. E.	Apartment Building	-	-	\$194.52	\$909.24	\$1,103.76	N/A
2	037988A	RRSSAB (A1)	923 Sixth St. E	Apartment Building	-	-	\$194.52	\$909.24	\$1,103.76	N/A
3	037996A	RRSSAB (A1)	901 Shevlin Ave.	Apartment Building	-	-	\$194.52	\$909.24	\$1,103.76	N/A



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December 15, 2016

Report To: Mayor & Council

From: Travis Rob, Manager of Operations & Facilities

**SUBJECT: November 2016 Drinking Water Systems Monthly Summary Report**

Please find attached the November 2016 Summary Report on the drinking water systems, prepared by Randy White, Senior WTP Operator.

Your Administration recommends that Operations & Facilities Executive Committee accept the November 2016 report as presented.

Respectfully submitted,  
Operations & Facilities Division

Travis Rob, E.I.T.  
Manager of Operations & Facilities

<b>Council approval of this report will</b> accept the November 2016 Drinking Water Systems Monthly Summary Report and approve the report prior to it being made available to the general public.
---

c.c. – Doug Herr, Environmental & Facilities Supt.  
Randy White, Senior WTP Operator

03CouncilwaterreportMarch 2015

**November, 2016**

**Monthly Summary Report  
Water Systems**

**Prepared by: Randy White, ORO  
Senior Water Treatment Plant Operator**

**Dated: December 14, 2016**

### 1) **Introduction:**

This report contains the major maintenance activities and operational events that occurred during the month of November 2016 at the Water Treatment Plant - Water Works # 220000978 and the Airport Groundwater Well Water Works # 26002736. This information report has been prepared for Council to better understand how the water systems they own and operate are maintained on a monthly basis. Also, this report will assist Council as Directors of the Corporation in exercising its obligation to meet a reasonable Standard of Care as outlined in Section 19 of the Safe Drinking Water Act.

### 2) **Flow Data:**

Water Treatment Plant: See attached spreadsheet. No flow data for Airport groundwater well.

### 3) **Microbiological (Health Related) Water Analysis – Main Water System # 220000978:**

Water Treatment Plant (treated): 4 samples taken no adverse results

Water Treatment Plant (raw): 4 samples taken no adverse results

Water Distribution System: 16 samples taken where 25% of samples were tested for heterotrophic plate count HPC no adverse results

We take microbiological samples on a weekly basis, which includes 1 raw sample, 1 treated sample and 4 distribution samples. The 4 distribution samples are taken at different locations throughout the distribution system.

Water distribution samples taken at the following locations:

1. 1150 Portage Ave.	2. 740 Sixth St. W.	3. 500 King's Hwy.	4. W. Tower
5. 740 Scott St.	6. 1150 Portage Ave.	7. 901 Wright Ave.	8. W. Tower
9. 1036 Victoria Ave.	10. 901 Wright Ave.	11. 810 King's Hwy.	12. W. Tower
13. 740 Scott St.	14. 901 Wright Ave.	15. 122 Scott St.	16. W. Tower

### 4) **Microbiological (Health Related) Water Analysis - Airport Groundwater Well # 26002736:**

No samples taken.

The Airport has signs posted in the men's and women's washroom stating that the water has not been tested or treated for drinking purpose in accordance with the Health Protection and Promotion Act – Section 7 of the Small Drinking Water Systems Regulation, O. Reg. 318/08 (*Amended to Safe Drinking Water Act, 2002 - Section 6 of Ontario Regulation 252/05*). The operators do a visual inspection of

the warning notices at a minimum of once per week to ensure that they are legible and comply with Ontario Regulation 318/08, Section 7(5).

**5) Free Available Chlorine Residual (FAC) - Main Water System - # 220000978:**

FAC residuals are taken at a minimum daily at both the Water Treatment Plant and within the Water Distribution System.

**6) Free Available Chlorine residual (FAC) – Airport Groundwater Well System # 26002736:**

Signs posted, exempt from testing.

**7) Maintenance Activities at the WTP:**

- Nov. 01<sup>st</sup> - worked on Filter No. 3 effluent valve.
- Nov. 05<sup>th</sup> - cleaned Filter No. 1 turbidity meter and put filter back on-line.
- Nov. 10<sup>th</sup> - cleaned top and bottom tanks on the poly unit.  
- cleaned all 4 check valves on the poly unit.
- Nov. 16<sup>th</sup> - calibrated the distribution Chlorine Analyzer.
- Nov. 17<sup>th</sup> - ran the standby generator under load.  
- training on the standby generator – by Wajax Power Systems.
- Nov. 24<sup>th</sup> - cleaned top and bottom tanks on the poly unit.  
- cleaned all 4 check valves on the poly unit.  
- installed a new soda ash pump.
- Nov. 25<sup>th</sup> - flushed the poly lines from the pumps to the clarifiers.
- Nov. 29<sup>th</sup> - installed two (2) new soda ash lines.

8) **Water Complaints:**

- Poor Pressure – 0 complaints
- Water Quality – 0 complaints

9) **Other Miscellaneous Information:**

Nov. 02<sup>nd</sup> - took Grab samples off the filters.

Nov. 07<sup>th</sup> - routine micro sample collection.

Nov. 10<sup>th</sup> - electrical safety inspection at the plant – by ESA Inspector

Nov. 14<sup>th</sup> - routine micro sample collection

Nov. 15<sup>th</sup> - took well monitoring samples at the landfill

Nov. 21<sup>st</sup> - routine micro sample collection

Nov. 22<sup>nd</sup> - took Grab samples off the filters

Nov. 23<sup>rd</sup> - water service repair - bacti samples – 610 Second Street West.

Nov. 28<sup>th</sup> - routine micro sample collection.

10) In order to acknowledge that all levels of responsibility within the Corporation of the Town of Fort Frances have received and reviewed this monthly report, it is necessary to sign-off in the appropriate location below:

- Randy White, ORO, Senior WTP Operator: \_\_\_\_\_
- Doug Herr, Environmental & Facilities Supt.: \_\_\_\_\_
- Travis Rob, Manager of Operations & Facilities: \_\_\_\_\_
- Doug Brown, CAO: \_\_\_\_\_
- Paul Ryan, Chair O& F Exec Committee: \_\_\_\_\_
- Roy Avis, Mayor: \_\_\_\_\_
- June Caul, Councillor: \_\_\_\_\_
- John Albanese, Councillor: \_\_\_\_\_
- Wendy Brunetta, Councillor: \_\_\_\_\_
- Doug Kitowski, Councillor: \_\_\_\_\_
- Ken Perry, Councillor: \_\_\_\_\_

Note: Once all signatures have been obtained, the report will be distributed and made available to the public. If you have any questions, please feel free to contact myself or Randy White, Senior WTP Operator at 274-2325.

**Monthly Report September 2016**



Flow Data November	2014		2015		2016	
	Day of the Month		Day of the Month		Day of the Month	
Total Raw Water		129150		159390		165660
Raw Maximum Day	Friday 12th	4430	Sunday 01st	5780	Friday 12th	5820
Raw Minimum Day	Wednesday 17th	4110	Monday 23rd	4850	Wednesday 17th	5340
Raw Average Daily Consumption		4310		5310		5520
Total Treated Water		100380		102560		96940
Treated Water Maximum Day Consumption	Friday 26th	3660	Monday 16th	3860	Friday 26th	3520
Treated Water Minimum Day Consumption	Friday 19th	2960	Saturday 14th	3010	Friday 19th	2900
Treated Water Average Day Consumption		3350		3420		3230
Daily Average Per Household Consumption Rate		0.886		0.904		0.854
* Daily Average Per Person Consumption Rate		0.419		0.428		0.404
Monthly Averages - Operating Parameters WTP:						
FAC Residual - Treated Water		1.90		2.02		2.24
Total Chlorine Residual - Treated Water		2.21		2.23		2.49
Aluminum Sulphate - Raw Water		37.0		35.4		35.0
Aluminum Sulphate - Treated Water Residual		0.05		0.04		0.03
Fluoride - Treated Water		0.67		0.57		0.57
Soda Ash - Raw Water		35.0		35.0		35.0
PH - Adjusted		7.11		7.24		7.18
Temperature		4.2		7.0		6.7
Quantity of Chemical Used:						
Aluminum Sulphate		4778.6		5641.6		5798.1
Polyelectrolyte		50.0		75.0		75.0
Chlorine Gas		497		589		711
Soda Ash - Used for PH Adjustment		4520.3		5578.7		5798.1
Fluoride		379		463		545

\* The Canadian Average is 450 Litres (0.45 m<sup>3</sup>) per day.

\* Population is 7986

\* Number of Households is 3783

Operating Data	Units	*MAC	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total	Average
		or Range																																
Flow rates																																		
Raw Water	10^3 M^3	17	5.52	5.52	5.60	5.48	5.46	5.82	5.50	5.59	5.54	5.57	5.67	5.50	5.50	5.37	5.50	5.53	5.52	5.50	5.44	5.34	5.57	5.52	5.49	5.52	5.53	5.54	5.43	5.55	5.49	5.55	165.66	5.52
Peak Instantaneous - Raw Water	L/s	n/a	64.74	64.75	64.77	64.73	64.72	64.74	64.79	64.62	64.72	64.65	64.65	64.56	64.61	64.38	64.35	64.37	64.38	64.29	64.38	64.55	64.55	64.51	64.38	64.48	64.44	64.40	64.42	64.45	64.41	64.39	1936.18	64.54
Treated Water	10^3 M^3	17	3.06	3.24	3.33	3.18	3.04	3.51	3.42	3.39	3.34	3.07	3.52	3.10	3.15	3.31	3.16	3.15	3.19	3.39	2.90	3.15	3.51	3.35	3.15	3.13	3.25	3.14	3.15	3.43	3.02	3.21	96.94	3.23
Peak Instantaneous - Treated Water	L/s	n/a	80.14	80.62	80.23	84.10	81.44	79.84	80.75	81.89	82.15	80.40	81.50	79.71	79.46	80.41	81.32	81.03	82.08	80.71	79.30		79.91	81.45	80.79	80.16	81.65	79.07	79.84	78.96	79.39	79.79	2338.09	80.62
BackWash Water	10^3 M^3	n/a	0.211		0.264	0.200		0.195		0.264	0.202	0.200	0.448	0.202	0.198			0.263	0.203	0.212	0.264			0.188	0.213			0.205			0.304	4.236	0.235	
Fluoride Information																																		
Fluoride Residual - Treated Water	mg/l	0.5 to 0.8	0.51	0.53	0.61	0.61	0.60	0.60	0.60	0.54	0.62	0.58	0.55	0.52	0.57	0.54	0.58	0.62	0.57	0.60	0.59	0.58	0.55	0.56	0.55	0.57	0.56	0.56	0.56	0.55	0.54	0.56	17.08	0.57
Turbidity Information																																		
Raw Water	NTU	n/a	1.29	1.22	1.23	1.31	1.34	1.21	1.26	1.33	1.34	1.22	1.31	1.37	1.34	1.28	1.21	1.18	1.27	1.32	1.30	1.33	1.27	1.24	1.22	2.19	1.31	1.34	1.31	1.22	1.51	1.60	39.87	1.33
Settled Water	NTU	n/a	0.15	0.13	0.17	0.15	0.14	0.14	0.16	0.14	0.16	0.17	0.19	0.21	0.22	0.27	0.30	0.20	0.19	0.18	0.17	0.15	0.19	0.18	0.17	0.19	0.18	0.18	0.16	0.19	0.18	0.15	5.36	0.18
Treated Water	NTU	1	0.10	0.09	0.11	0.09	0.08	0.09	0.09	0.10	0.11	0.09	0.12	0.12	0.13	0.11	0.13	0.12	0.13	0.13	0.11	0.10	0.13	0.14	0.10	0.10	0.11	0.10	0.09	0.11	0.13	0.11	3.27	0.11
Other Operating Parameters																																		
pH - Treated Water	no units	6.5 to 8.5	7.17	7.16	7.16	7.12	7.19	7.22	7.15	7.15	7.15	7.14	7.11	7.15	7.10	7.23	7.14	7.12	7.13	7.15	7.18	7.21	7.15	7.20	7.24	7.22	7.20	7.23	7.22	7.21	7.25	7.22	215.27	7.18
pH - Settled water	no units	n/a	6.46	6.49	6.58	6.47	6.49	6.38	6.47	6.56	6.57	6.57	6.45	6.49	6.55	6.57	6.70	6.62	6.65	6.72	6.70	6.68	6.80	6.69	6.62	6.49	6.63	6.49	6.42	5.96	6.72	6.77	196.76	6.56
pH - Raw Water	no units	n/a	7.08	7.11	7.10	7.09	7.12	7.09	7.14	7.13	7.11	7.13	7.10	7.08	7.13	7.14	7.12	7.08	7.14	7.17	7.21	7.12	7.12	7.35	7.13	7.18	7.11	7.14	7.11	7.09	7.20	7.24	7.18	7.14
FAC - Treated Water	mg/l	0.2 to 4	2.36	2.36	2.28	2.24	2.18	2.21	2.24	2.26	2.22	2.18	2.20	2.18	2.14	2.20	2.32	2.22	2.34	2.26	2.30	2.32	2.34	2.30	2.26	2.22	2.22	2.19	2.16	2.22	2.18	2.18	67.28	2.24
Total Chlorine Residual Treated	mg/l	0.3 to 7	2.62	2.58	2.42	2.46	2.37	2.44	2.38	2.62	2.60	2.44	2.41	2.39	2.28	2.42	2.60	2.42	2.54	2.58	2.62	2.60	2.66	2.54	2.50	2.48	2.52	2.46	2.41	2.48	2.52	2.48	74.84	2.49
Temperature	C	15	9.0	9.0	9.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.0	7.0	7.0	6.0	6.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.0	4.0	4.0	4.0	202.0	6.7
Fluoride used (Total Daily Consumption)	kg	n/a	18.0	18.0	17.0	18.0	17.0	17.0	17.0	17.0	19.0	20.0	21.0	19.0	19.0	19.0	18.0	19.0	19.0	18.0	20.0	20.0	18.0	18.0	18.0	17.0	17.0	17.0	17.0	16.0	19.0	545.0	18.2	
Chlorine used (Total Daily Consumption)	kg	n/a	25.0	25.0	24.0	24.0	24.0	25.0	24.0	24.0	24.0	24.0	25.0	24.0	23.0	23.0	24.0	24.0	23.0	22.0	23.0	23.0	23.0	24.0	24.0	24.0	23.0	24.0	23.0	23.0	23.0	23.0	711.0	23.7
Soda ash (Total Daily Consumption)	kg	n/a	193.2	193.2	196.0	191.8	191.1	203.7	192.5	195.7	193.9	195.0	198.5	192.5	192.5	188.0	192.5	193.6	193.2	192.5	190.4	186.9	195.0	193.2	192.2	193.2	193.6	193.9	190.1	194.3	192.2	194.3	5798.1	193.3
Soda Ash - Dosage	mg/l	n/a	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	1050.0	35.0
Alum residual - (Total Daily Consumption)	kg	n/a	193.2	193.2	196.0	191.8	191.1	203.7	192.5	195.7	193.9	195.0	198.5	192.5	192.5	188.0	192.5	193.6	193.2	192.5	190.4	186.9	195.0	193.2	192.2	193.2	193.6	193.9	190.1	194.3	192.2	194.3	5798.1	193.3
Alum residual - Dosage	mg/l	n/a	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	1050.0	35.0
Alum residual - Treated Water	mg/l	0.1	0.04	0.04	0.03	0.02	0.02	0.04	0.03	0.04	0.02	0.03	0.02	0.05	0.02	0.03	0.05	0.02	0.03	0.04	0.02	0.03	0.02	0.04	0.04	0.03	0.04	0.04	0.02	0.05	0.05	0.04	0.99	0.03
Poly bags added (25 kg bags )	kg			0.5					0.5							0.5			0.5				0.5			0.5						75.0		

January 11, 2017

Report To: Mayor and Council

From: Travis Rob, Manager of Operations & Facilities

**RE: Lease Renewal Notice – Bell Mobility Equipment on the Water Tower.**

---

On June 11, 2012 the Town of Fort Frances entered into an agreement with Bell Mobility to rent space on the Water Tower structure and yard for Bell Mobility to install antenna and related equipment to provide their services to the Town of Fort Frances Residents. The term of this agreement was 5 years after the commencement of construction. The term of this lease will expire on July 31, 2018.

A notice was received from Bell Mobility on December 30, 2016 outlining their wish to extend the agreement for a further period of 5 years (August 1, 2018 to July 31, 2023). Attached to this report is a memo outlining their request from Doug Herr, Environmental and Facilities Superintendent as well as the original request letter.

Under the agreement the renewal will commence automatically with the same terms as the original agreement at a predetermined rate of \$6900.00 per year. The Town can choose to terminate the agreement by providing 90 days written notice. Given the equipment is currently installed on site, not causing interference with the operations and the rent is paid, it is the recommendation of the Operations and Facilities Executive Committee to extend the agreement for a period of 5 years commencing on August 1, 2018.

Respectfully Submitted



Travis Rob, EIT  
Manager of Operations & Facilities

**Council Approval of this report will agree with the recommendation of the Operations and Facilities Executive Committee to extend the agreement for a period of 5 years commencing on August 1, 2018.**

2017JanBellMobilityLeaseExtensionWaterTower

RECOMMENDED

JAN 18 2017

DIV. MNG. \_\_\_\_\_

EXECUTIVE COMM. \_\_\_\_\_

January 10, 2017

Report To: Travis Rob, Manager of Operations & Facilities

From: Douglas Herr, Environmental & Facilities Sup't.

**SUBJECT: Renewal Lease Agreement (5-Year) – Vianet  
Space Rental on Water Tower for an Antenna**

Bell Mobility Inc. presently leases space at the Water Tower property for a building and on the tower for their antennas. A 5-year lease agreement has been in place since May 1, 2012 where Bell Mobility Inc. pays the Town \$ 6,900 (GST extra) annually. This agreement will expire on July 31, 2018.

Bell Mobility Inc. has submitted a letter to enact their option to automatically renew their agreement for an additional 5 years (August 1, 2018 to July 31, 2023) for the same rental amount. It is when they renew for a second time would there be a rent adjustment. All other conditions within the agreement remain the same.

Therefore find attached the letter to renew the 5-year agreement with Bell Mobility Inc.

Respectfully Submitted

A handwritten signature in blue ink, appearing to read 'D. Herr', is positioned below the 'Respectfully Submitted' text.

Douglas Herr  
Environmental & Facilities Sup't.

Attachment – Bell Mobility Inc. 5-Year Renewal Letter

2611 Nootka St  
Vancouver, BC V5M 3M4



December 21, 2016

**\*\*LEASE RENEWAL NOTICE\*\***

The Municipal Corporation of the Town of Fort Frances  
320 Portage Avenue  
Fort Frances, ON P9A 3P9

Attention: Glenn Treftlin/Douglas Herr

Dear Glenn and/or Douglas:



**Re: LEASE RENEWAL NOTICE – 1st Option to Renew  
Lease Agreement made May 1<sup>st</sup>, 2012, between The Municipal Corporation of the Town of  
Fort Frances and Bell Mobility Inc. (the “Lease”)  
Bell Site: W4273 Fort Frances West  
Location: 220 McIrvine Road, Fort Frances, ON P9A 3S3**

---

As the current term of the above referenced Lease will **expire on July 31<sup>st</sup>, 2018**, we are pleased to inform you that Bell Mobility intends to maintain its tenancy on this property for the operation of a cellular base station.

Accordingly, your Lease will be **automatically renewing** for the **five (5)** year period commencing **August 1<sup>st</sup>, 2018 to July 31<sup>st</sup>, 2023** at annual rent predetermined **\$6,900.00 payable annually in advance**.

Please note that this is a courtesy reminder only and the Lease remains in full force and effect in accordance with the terms of the original agreement.

Bell would like to take this opportunity to thank you for your continued support as an integral part of its wireless network. Should you have any questions or concerns, please feel free to contact Bell Mobility's Landlord Relations Specialist by telephone at 1-800-667-5263, or by email to [bmresi@bell.ca](mailto:bmresi@bell.ca).

Sincerely,

Wendy Coles, Medallion Wireless  
For Bell Mobility Inc.  
Email: [wendelyn.coles@bell.ca](mailto:wendelyn.coles@bell.ca)



**SCHEDULE "C"**  
**RENTAL PAYMENT SCHEDULE**

The Tenant shall pay Rent to the Landlord as follows:

(a) During the period commencing on the Commencement Date and ending on the Construction Commencement Date, the Tenant shall pay to the Landlord annual Rent in the amount of Five Hundred Dollars (\$500.00), payable in advance.

(b) During the period commencing on the Construction Commencement Date and ending upon the expiry of the Term, the Tenant shall pay to the Landlord annual Rent in the amount of Six Thousand Dollars (\$6,000.00) payable annually in advance. 5000

If the Construction Commencement Date is on any day other than the anniversary date of the first day of the Term, Rent for the fractions of a year at the beginning and at the end of the year will be adjusted pro rata, on the basis of the actual number of days in such year prior to and the Construction Commencement Date.

(c) Provided that the Tenant shall have exercised its first (1st) Option to Renew, the rent of Six Thousand Nine Hundred Dollars (\$6,900.00) per annum payable in advance commencing on the first day of the first month of the first year following the expiration of the immediately prior Term/Renewal Term, and each and every month up to and including the first day of the fifth year following the expiration of the Term.

(d) Provided that the Tenant shall have exercised its second (2nd) Option to Extend, the annual rent of the greater of:

i) fair market value\*\*; or,

ii) the annual rental during the last year of the immediate previous term adjusted by the number (as a percentage) obtained by adding the yearly percentage change in the CPI\*\*\*;

payable in advance commencing on the first day of the first month of the first year following the expiration of the immediately prior Renewal Term and each and every year up to and including the first day of the tenth year following the expiration of the Term.

(e) Provided that the Tenant shall have exercised its third (3<sup>rd</sup>) Option to Extend, the annual rent of the greater of:

i) fair market value\*\*; or,

ii) the annual rental during the last year of the immediate previous term adjusted by the number (as a percentage) obtained by adding the yearly percentage change in the CPI\*\*\*;

payable in advance commencing on the first day of the first month of the first year following the expiration of the immediately prior Renewal Term and each and every year up to and including the first day of the fifteenth year following the expiration of the Term.

\*\*Fair market value as agreed between the parties in the ninety (90) days prior to the expiration of the immediately preceding Term/Renewal Term, or in the absence of such agreement, as determined by arbitration heard at the parties joint expense in the Town of Fort Frances before a single arbitrator in accordance with the provisions of the Commercial Arbitration Act of the Province of Ontario.

\*\*\*"CPI" means the Consumer Price Index, not seasonally adjusted, published by Statistics Canada (or by a successor or other government agency), or if it is changed or is not produced or issued by Statistics Canada (or by a successor or other government agency), then CPI shall mean the nearest and most similar replacement index available from a government authority or failing that, a recognized industry association.

January 12, 2017

Report To: Mayor and Council

From: Travis Rob, Manager of Operations & Facilities

**RE: LAS Service Line & In-Home Plumbing Repair Program**

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On December 15, 2016 Doug Brown received information on a new partnership formed by Local Authority Services (LAS) and Service Line Warranties of Canada (SLWC) where by a municipality can offer its residents warranty covering the sewer and water services.

LAS is a preferred provider of competitively priced and sustainable co-operative services for Ontario Municipalities and the Town of Fort Frances utilizes their co-operative natural gas purchasing services. LAS also has training services, LED Street light retrofitting services fuel purchasing services, to name a few. This warranty program is the newest service being provided. For the Municipality to participate in this program, there is no cost to the municipality, all that is required is an endorsement of Council.

Service Line Warranties of Canada has a listing of local contractors that have been preapproved that they will dispatch upon notification from an enrolled property owner, usually within 24 hours. There is no limit to the number of claims or repairs that can be completed on a line under the warranty program. Enrollment is totally voluntary and the property owners have a monthly premium to pay for enrollment.

The Town of Fort Frances has countless residents currently being serviced by old deteriorated sewer and water services whereby repair costs and responsibility are borne by the property owner. This is a low cost opportunity for these residents to receive warranty coverage through a reputable firm at a reasonable cost. This program is only available upon endorsement from Council and is currently endorsed by 26 Ontario Municipalities and 400+ municipalities across North America including Atikokan. This number is continuously increasing as more municipalities review the program. In speaking with Jeff Olson, SLWC General Manager, to date no claim in Ontario has been denied.

Council would enter into a marketing agreement with SLWC for them to send out a mass mailing using the Town logo. The Town could receive royalties for the use of the logo if they chose. From this mailing, residents would be informed of their responsibilities surrounding their service lines. They would also be notified that the program is not a Town program but a third party provider as well as receive information on annual fees to enroll. After the Town has entered into the agreement with SLWC, they would start to engage local plumbing contractors to complete the repairs and ensure that these contractors met not only SLWC's requirements but also the Municipalities requirements to operate.

It is the recommendation of the Operations and Facilities Executive Committee that Council, by resolution, endorse the Service Line & In-Home Plumbing Repair Program through LAS in partnership with Service Line Warranties of Canada, and further that an authorizing by-law be prepared.

Respectfully Submitted.



Travis Rob, EIT

## Manager of Operations & Facilities

Council approval of this report will agree to the recommendation of the Operations and Facilities Executive Committee that Council, by resolution, endorse the Service Line & In-Home Plumbing Repair Program through LAS in partnership with Service Line Warranties of Canada, and further that an authorizing by-law be prepared

2017JanuaryLASServiceWarranty





December 15, 2016

Doug Brown  
CAO  
Town of Fort Frances  
320 Portage Avenue  
Fort Frances, ON P9A 3P9



Dear Mr. Brown,

LAS understands the importance placed on serving your residents. As such, I wanted to introduce you to a service you may not be aware of that provides a solution to a common problem faced by many Ontario homeowners and their municipalities.

**Aging sewer and water infrastructure** is increasingly becoming a problem in many municipalities, with the number of **service disruptions rising** on an annual basis. It often comes as a shock to homeowners when they learn that they are responsible for the maintenance and repair to these vital pieces of infrastructure, not the municipality. The end result is a frustrated resident that is left to bear the expense alone while their lives are turned upside down. So how can you better help your residents?



Ontario municipalities are now able to provide their homeowners with some relief with a **sewer and water line warranty** through a partnership between LAS and SLWC (Service Line Warranties of Canada). With a simple endorsement from your municipality, homeowners can access affordable sewer and water line warranty plans that cover the cost of most repairs while educating themselves of their service line responsibilities. Offering the LAS/SLWC Service Line Warranty Program to your homeowners reinforces the notion of serving your residents by bringing innovative programs to your community.

Currently **22 Ontario municipalities**, including the **City of Hamilton** and the **Region of Peel**, have chosen to endorse the LAS/SLWC program and offer their residents access to preferred rates. That amounts to 16,000 enrolled residents who have **saved more than \$460,000** over the past 2 years.

In the coming weeks Jeff Olson, General Manager for SLWC, will be reaching out to municipalities to gauge interest levels in the program and schedule meetings with municipalities to share further details about the program and discuss its many benefits. In the meantime, more information is available by visiting <http://las.on.ca/SLWC> or by contacting Jeff or myself at the information below. Thank you in advance for your time and consideration.

Sincerely,

Jason Hagan, LAS Program Manager  
(416) 971-9856 x320  
[JHagan@amo.on.ca](mailto:JHagan@amo.on.ca)



Jeff Olson, SLWC General Manager  
(720) 470-8037  
[jolson@utilitysp.net](mailto:jolson@utilitysp.net)

## Quick Facts

Help homeowners in your community save time and money by introducing the SLWC Service Line Warranty and In-Home Plumbing Repair Programs! Offered at no cost to municipalities and utilities, the program:

- Educates homeowners about their service lateral responsibilities
- Keeps revenue in the local economy by using licensed, local contractors in the area
- Has low claim denial rates – more than 97% of all submitted claims are approved
- Maintains a customer satisfaction rating > 95%
- Ensures timely repairs that help conserve water and reduce ground contamination
- May help generate revenue through royalty payments



2013 Winner  
of the Western  
Pennsylvania  
(U.S.) BBB  
Torch Award  
for Marketplace  
Ethics

## About

### Service Line Warranties of Canada



Service Line Warranties of Canada working in conjunction with cities, municipalities and utilities, provides water and sewer service line warranties and in-home plumbing repair services to homeowners.

### Local Authority Services



Local Authority Services (LAS) is a preferred provider of competitively priced and sustainable co-operative business services for Ontario municipalities and the broader public sector.

## Make a Difference in Your Community

To learn more, please contact SLWC:

- by phone at 1-866-922-9004
- online at [www.slwofc.ca](http://www.slwofc.ca)
- send email to [partnerships@slwofc.ca](mailto:partnerships@slwofc.ca)



*Building Peace of Mind, One Community at a Time*

## Service Line Warranty & In-Home Plumbing Repair Program

*Helping homeowners  
save thousands of dollars in service line and  
in-home plumbing repair costs*





## Serving your local community

In partnership with LAS



## Overview

Residential property owners are responsible for the maintenance of the buried water and sewer lines that run from the public (main) connection to the exterior of the home. When these lines break, leak or clog, the homeowner is often surprised to learn that homeowner's insurance does not cover the cost of an often expensive repair.

A homeowner's private lines are subjected to the same elements as the lines that comprise the public infrastructure – ground shifting, tree-root invasion, extreme weather, age and more. While municipalities are responsible for repairs to the public infrastructure, what solution is available to homeowners when the lines on their property fail?

The LAS-endorsed Water and Sewer Line Warranty and In-Home Plumbing Repair Programs educate homeowners about their service line responsibilities while providing affordable and optional repair coverage.

## Frequently Asked Questions

### ■ What would the warranty program cost the city and homeowners?

There is no cost to the city for this program and homeowner participation is completely voluntary. For a small monthly fee, homeowners can purchase warranty protection that covers repairs to the buried lateral lines on their property. The Service Line

Warranties of Canada (SLWC) Service Line Warranty and In-Home Plumbing Repair Programs provide generous repair coverage for the homeowner and royalty opportunities for the city. Plus, the program is endorsed in Ontario by LAS.



### ■ How does the program work?

SLWC handles all aspects of the program, including marketing, billing, customer service and contractor management and completion of all repairs to local code. SLWC even handles the mailing to homeowners in the community.



### ■ What happens when a homeowner experiences a service line break or leak on their property?

With one call to the Service Line Warranties of Canada toll-free number, a licensed contractor from the area will be dispatched to make the repair – usually completed within 24 hours. There is no paperwork to complete, no hidden service fees or deductibles and no annual or lifetime limits on the number of repair occurrences. Contractors are thoroughly vetted through a third-party compliance management vendor that performs extensive background checks.

### ■ Why is the warranty program important?

Many people believe that water and sewer lines will last hundreds of years without failing, but the truth is, there are many reasons other than life expectancy of the pipes that contribute to infrastructure failure – such as tree-root intrusion, rust and weather. The SLWC Service Line Warranty Program and LAS endorsement provides peace of mind – to municipal homeowners and leadership.



**350+**



Municipalities participating across North America

**97%**



Claims approval rating

**95%+**



Customer satisfaction rating

**140,000+**



North American homeowners serviced

**\$90+**



Million saved in water and sewer line repair costs

2016- tonnage at landfill site- up-dated December 5, 2016

2016- tonnage at landfill site- up-dated December 5, 2016															2015				2016			
MONTH	Residential Waste tonnes	Res %	ICI Waste tonnes	ICI %	Non Community Waste tonnes	Non Com %	Covering Material tonnes	2015		Average last 9 years		2015		Average last 9 years		2016						
								Total Tonne	Total Tonne	Total Tonne	Total Tonne	Total Tonne	Total Tonne	Total Fees	Total Fees	Total Fees	Total Fees					
JAN	127.94	34.66	232.74	63.04	8.50	2.30	0.00	372.45	359.81	369.18	\$22,076.55	\$17,555.67	\$20,490.00	-3.27	-\$1,586.55							
FEB	117.31	37.25	189.93	60.31	7.68	2.44	0.00	323.82	305.82	314.92	\$17,311.55	\$15,120.16	\$17,474.70	-8.90	\$163.15							
MAR	146.89	37.15	237.97	60.19	10.53	2.66	6.72	446.81	413.51	395.39	\$25,940.55	\$21,116.69	\$23,164.20	-51.42	-\$2,776.35							
APRIL	182.95	31.92	381.96	66.65	8.18	1.47	0.00	609.02	574.14	573.09	\$36,933.10	\$30,100.39	\$34,152.50	-35.93	-\$2,780.60							
MAY	200.30	31.21	434.52	67.72	6.87	1.07	1058.72	783.04	727.97	641.69	\$40,474.95	\$37,236.70	\$34,655.80	-141.35	-\$5,819.15							
JUNE	814.37	65.31	421.01	33.76	11.52	0.92	3312.52	690.69	802.40	1,246.89	\$43,913.10	\$38,365.69	\$37,412.30	556.20	-\$6,500.80							
JULY	208.56	33.74	400.73	64.82	8.94	1.45	2220.94	654.72	679.93	618.23	\$43,552.25	\$37,235.68	\$37,556.30	-36.49	-\$5,995.95							
AUG	247.72	27.60	583.22	64.99	66.50	7.41	95.70	642.81	630.37	897.44	\$39,041.90	\$33,782.35	\$43,194.40	254.63	\$4,152.50							
SEPT	218.57	31.44	465.19	66.92	11.34	1.63	164.00	719.08	646.67	695.10	\$43,223.58	\$34,032.13	\$42,4510.30	-23.98	-\$713.28							
OCT	220.08	32.07	368.07	53.63	98.20	14.31	50.20	2,214.61	815.99	686.35	\$95,565.65	\$40,618.32	\$36,305.40	-1,528.26	-\$9,260.25							
NOV	216.80	35.22	389.40	63.26	9.40	1.53	982.13	614.90	564.84	615.60	\$33,016.35	\$28,524.43	\$37,603.60	0.70	-\$4,587.25							
DEC	125.51	21.36	350.65	59.69	111.30	18.95	0.00	487.78	397.37	587.46	\$27,125.80	\$21,749.94	\$27,603.60	99.68	-\$5,710.50							

**Aircraft Landings 2016**  
As of January 10, 2017 Statistics - Page 1/2

Month	Bearskin Flights			Bearskin- Passengers			Government			Private			Med-I-vacs			International			Commercial			Totals			Variance
	2016	2015	2014	2016	2015	2014	2016	2015	2014	2016	2015	2014	2016	2015	2014	2016	2015	2014	2016	2015	2014	2016	2015	2014	2016-2015
January	70	76	79	261	256	311	1	6	0	3	6	5	30	43	41	3	4	2	36	42	67	143	177	194	-34
February	69	67	74	233	241	308	1	2	0	1	7	5	35	36	22	1	3	5	49	40	50	156	155	156	1
March	69	78	82	199	341	346		5	3	17	30	10	34	36	40	3	5	0	55	38	52	178	192	187	-14
1/4 Total	208	221	235	693	838	965	2	13	3	21	43	20	99	115	103	7	12	7	140	120	169	477	524	537	-47
April	81	81	74	288	330	276	7	1	2	8	23	18	47	41	22	3	2	1	40	53	47	186	201	164	-15
May	88	82	81	309	365	308	4	1	6	9	28	24	37	37	23	32	34	30	59	77	76	229	259	240	-30
June	76	80	77	273	322	292	0	11	7	30	36	37	38	31	35	77	74	89	52	96	69	273	328	314	-55
1/2 Total	453	464	467	1563	1855	1841	13	26	18	68	130	99	221	224	183	119	122	127	291	346	361	1165	1312	1255	-147
July	72	81	75	221	297	230	2	8	7	48	40	35	51	35	18	66	83	59	47	77	59	286	324	253	-38
August	84	79	71	256	297	241	6	4	3	42	39	37	66	31	26	71	73	65	53	87	57	322	313	259	9
September	78	76	73	277	328	254	1	0	1	15	17	22	40	36	37	45	44	32	51	76	65	230	249	230	-19
3/4 Total	687	700	686	2317	2777	2566	22	38	29	173	226	193	378	326	264	301	322	283	442	586	542	2003	2198	1997	-195
October	85	83	76	357	309	309	2	4	3	10	20	24	41	47	42	18	9	12	47	51	51	203	214	208	-11
November	72	68	80	328	260	286	3	0	3	20	9	8	28	30	28	7	1	3	38	38	39	168	146	161	22
December	64	68	52	231	200	203	0	0	0	0	4	4	29	31	25	0	2	1	29	34	29	122	139	111	-17
Total	908	919	894	3233	3546	3364	27	42	35	203	259	229	476	434	359	326	334	299	556	709	661	2496	2697	2477	-201

Fort Frances Airport- Page 2/2 - Fuel Sales - As of January 10, 2017																			
Fuel Sales Recap - 2016									2015	2014	2013	2012	2011	2010	2009	2008	2007	9 year	Variance 2016-
	100LL		Jet Trk		Jet Cab		Month	Year	per	per	per	per	per	per	per	per	per	Average	per month
Month	Liters	Total	Liters	Total	Liters	Total	Total	Total	month	month	month	month	month	month	month	month	month	2015 to 2007	month
January	126	126	7,402	7,402	0	0	7,528	7,528	8,692	11,543	7,216	10,252	7,308	10,971	15,989	29,926	16,283	13,131	-1,164
February	509	635	11,395	18,797	0	0	11,904	19,432	11,231	12,304	6,197	6,918	3,687	5,782	13,135	21,134	11,782	10,241	673
March	342	977	12,913	31,710	0	0	13,255	32,687	17,795	10,508	12,077	9,329	10,390	15,539	9,612	27,435	19,969	14,739	-4,540
April	744	1,721	7,848	39,558	0	0	8,592	41,279	13,219	8,377	4,453	8,251	5,294	24,825	10,676	22,466	28,609	14,019	-4,627
May	1,905	3,626	22,776	62,334	0	0	24,681	65,960	16,161	29,753	18,350	21,891	19,790	25,375	24,033	30,287	47,258	25,878	8,520
June	4,068	7,694	21,947	84,281	0	0	26,015	91,975	45,698	30,789	22,786	23,537	25,723	27,768	22,395	35,995	40,736	30,603	-19,683
July	4,418	12,112	24,584	108,865	0	0	29,002	120,977	28,150	14,441	19,232	32,650	19,124	30,455	24,925	33,390	44,875	27,471	852
August	3,990	16,102	17,129	125,994	0	0	21,119	142,096	36,638	20,450	20,075	30,783	21,467	33,139	28,250	40,177	41,630	30,290	-15,519
September	4,636	20,738	16,689	142,683	0	0	21,325	163,421	24,238	21,837	18,005	19,431	22,511	23,363	18,937	28,822	30,341	23,054	-2,913
October	13,740	34,478	16,915	159,598	0	0	30,655	194,076	8,216	15,472	13,109	11,325	13,677	15,033	21,304	16,631	28,020	15,865	22,439
November	12,466	46,944	9,883	169,481	0	0	22,349	216,425	11,616	7,238	6,398	8,170	6,785	17,747	10,754	16,951	16,842	11,389	10,733
December	8,404	55,348	5,393	174,874	0	0	13,797	230,222	7,592	6,849	2,028	8,179	2,446	7,641	7,596	13,083	14,733	7,794	6,205
Total	55,348		174,874		0		230,222		229,246	189,561	149,926	190,716	158,202	237,638	207,606	316,297	341,078	224,474	976
								Jan to June	112,796	103,274	71,079	80,178	72,192	110,260	95,840	167,243	164,637	108,611	1,138

Lowest month in last 9 years

Highest month in last 9 years

Highest month

lowest month



**Ontario Clean Water Agency**  
**Agence Ontarienne Des Eaux**

Fort Frances WPCP  
200 McIrvine Rd  
Fort Frances, Ontario  
P9A 3S3  
Tel: 807-274-3121  
Fax: 807-274-8381

December 8, 2016

Town of Fort Frances  
320 Portage Avenue  
Fort Frances Ontario  
P9A 3M5

Attention: Mr. Doug Herr  
Environmental and Facilities Superintendent

Dear Doug:

**Re: Fort Frances Wastewater Treatment Facility  
November 2016 Monthly Report**

As per the operating agreement, the attached document is the November 2016 monthly report for the Fort Frances Wastewater Treatment Facility.

The report highlights the influent and effluent quality and the process parameters. Additionally, the routine operation and maintenance activities conducted by the operators are summarized.

If you have any questions regarding this report do not hesitate to contact Mr. Larry Wachter – Operations Manager.

Yours truly,

A handwritten signature in black ink, appearing to read 'Kelly CTD'.

Kelly Cunningham  
Senior Operator

For Larry Wachter  
Operations Manager

**The Corporation of the Town of Fort Frances  
Wastewater Treatment Plant  
(Sewage Plant)  
November 2016 Monthly Operations Report**

## **INTRODUCTION**

In accordance with the Agreement between the Ontario Clean Water Agency (Operating Authority) and the Town of Fort Frances, the Fort Frances Sewage Treatment Plant is required to prepare a monthly report. This document covers the reporting month of November 2016; the facility performance report summarizes important information regarding the quality of the effluent, wastewater, analytical test results, maintenance operations, and relevant activities of the WWTP.

## **DESCRIPTION OF WORKS**

Capacity of Works	9000 m <sup>3</sup> /day (average flow)
Service Area	Town of Fort Frances and Couchiching Reserve
Service Population	9000
Effluent Receiver	Rainy River
Major Process	Secondary treatment facility complete with a phosphorus removal system; ultra violet disinfection; aerobic sludge stabilization and dewatering

The Fort Frances Sewage Treatment Plant operates under *Environmental Compliance Approval Number 6786-A44PWG*. The ECA outlines the terms and conditions, and the report captures these terms and conditions in the following sections.

## **LABORATORY**

ALS Laboratory Group – Thunder Bay is contracted to conduct the required analytical tests of the influent (raw) and effluent samples; weekly requirement.



## NOVEMBER 2016 EFFLUENT QUALITY

<i>Parameters</i>	<i>Monthly Actual Concentration mg/L</i>	<i>Compliance Criteria Concentration mg/L</i>	<i>Performance Objective Concentration mg/L</i>	<i>Monthly Actual Loading, kg/d</i>	<i>Compliance Criteria Loading kg/d</i>	<i>Performance Objective Loading kg/d</i>
CBOD <sub>5</sub>	2.0 mg/L	25 mg/L	15 mg/L	11.3 kg/d	225 kg/d	135 kg/d
Total Suspended Solids	2.8 mg/L	25 mg/L	15 mg/L	15.8 kg/d	225 kg/d	135 kg/d
Total Phosphorus	0.17 mg/L	1.0 mg/L	0.9 mg/L	0.9 kg/d	9 kg/d	8.1 kg/d
Total Nitrogen Nitrate Nitrogen	9.79 mg/L 8.29 mg/L					
Total Cl <sub>2</sub> Residual		<0.01 mg/L (when in use)				
E-Coli		2.2 count/100 ml (geometric mean )		200 count/100ml (geometric mean )		E-coli not to exceed 150 organisms/100ml (monthly geometric mean density)
pH				pH range 7.4 to 7.9; average pH was 7.7		
Temperature degrees C				Temperatures ranged from 13.5 to 15.5 C; average temperature of effluent was 14.5 C		

Compliance criteria are mandatory requirements of the ECA and performance objectives are a goal to be achieved using best reasonable efforts.

## WASTEWATER LIQUID PROCESS

The average daily flow for November was 5635.8 m<sup>3</sup>/day. This represents 63% of the design average flow. Total treated flow for the month was 169075 m<sup>3</sup>.

The Fort Frances WWTP met all effluent compliance criteria for the parameters listed above and additionally was well within the recommended more stringent monthly performance objective levels as outlined in the Environmental Compliance Approval.

## INVENTORY

Chemical	End of Month Status	Units
Hypochlorite	1120 +/- @ 8.0% +3x205 L @ 12%	Litres
Alum	21.5 +/- @ 55 %	Cubic meters
Polymer	5x 205 L drums	Litres

## MAINTENANCE

The operators performed the routine operations and maintenance at the treatment plant and pumping stations. The activities are highlighted as follows:

### Treatment Plant:

- Alternated lead/lag pumps
- Adjusted fluidizing water to head cell and grit snail as needed
- Greased all blowers
- Regular cleaning of head works EW basket strainer
- Greased flocculator shaft seal
- Greased all clarifier drives
- Greased Grit Snail and lubricated drive chain
- Hot water flushed alum lines and pumps
- Removed debris from Teacup and Headcell inlet
- Replaced 4" valve on RAS 1 stack to WAS transition
- Weekly inspection spiral screen access hatch, removed wrapped debris as required
- Flushed digester level sensor
- Sealed and insulated the door frames on both new garage doors
- Calibrated influent sampler

### Pump Stations:

- Ran gensets
- Changed seal water strainers
- A control relay for the Central Avenue lift station generator transfer switch failed, Wajax was called in to provide a solution

## **OPERATIONAL ISSUES**

There were no operational issues in the report period.

## **SLUDGE SUMMARY**

The Fournier Rotary Press processed 1658.8 m<sup>3</sup> of digested sludge at 1.11% TS. The cake, averaging 19.0% TS was hauled by Asselin Transportation and Storage Limited to the Town of Fort Frances landfill site.

## **COMPLAINTS**

There were no complaints during the report period.

## **BYPASS REPORT(S)**

There were no bypass events during the report period.

## **COMMENTS**

Plant power consumption for the month was 681 (x 180 multiplier) kWh.  
Screen and Dewatering Upgrades at the FFWWTP have been under way since May 30, 2016.  
A control relay for the Central Avenue lift station generator transfer switch failed, Wajax was called in to provide a solution.  
There was an ESA inspection at the plant and at the lift stations.

## **REPORTS**

ALS – Environmental Analytical Reports (on-file at plant)  
Fort Frances WPCP Equipment Run Time Report (on-file at plant)  
Bypass Report (on-file at plant as per occurrence)  
Incident Report (on-file at plant as per occurrence)

Month	Avg. Day Flow m3	Sewage Flows Year 2016					Usage	Sludge Volume	Removal Efficiency		
		Max Day Flow m3	Total Treated Volume ML	ByPass Volume ML	Total Volume ML	% Plant Capacity			CBOD5	Suspended Solids	Total Phosphorus
January	5668.1	5900	175712			175712	63%	249.9			
February	5417.8	5665	157117			157117	60%	251.7			
March	7463.4	12988	231365			231365	83%	212.7			
April	8462.4	10027	253871			253871	94%	228.3			
May	6785.5	8276	210352			210352	75%	241.2			
June	9140.5	18874	274216	1306		275522	102%	217.4			
July	8142.5	11184	252416			252416	90%	227.5			
August	6150.3	7937	190658			190658	68%	72.1			
September	6009.5	7299	180285			180285	67%				
October	5845.3	6913	181205			181205	65%				
November	5635.8	6939	169075			169075	63%				
December							0%				
Sum				1306		2277578		1700.8			
Average	6793		206934			207053	75%	212.6			
Max		18874	274216			275522					
C of A	9000	18000									

	CBOD5				Suspended Solids				Total Phosphorus				Nitrogen				E. Coli	
	Avg. Raw BOD (mg/L)	Avg. Eff. CBOD (mg/L)	Avg. Load CBOD (kg/day)	Avg. Raw S.S. (mg/L)	Avg. Eff. S.S. (mg/L)	Avg. Load S.S. (kg/day)	Avg. Raw T.P. (mg/L)	Avg. Eff. T.P. (mg/L)	Avg. Load T.P. (kg/day)	Avg. Raw TKN (mg/L)	Avg. Eff. Total N (mg/L)	Avg. Load T.P. (kg/day)	Avg. Raw TKN (mg/L)	Avg. Eff. Total N (mg/L)	Avg. Load T.P. (kg/day)	Avg. Raw TKN (mg/L)	Geo Mean Counts /100ml	
January	87.0	2.4	13.5	142.4	6.0	34.7	2.41	0.15	0.83								23.7	
February	74.3	3.5	18.5	132.5	4.3	23.2	2.12	0.11	0.57	17.3	8.9	0.57	17.3	8.9	0.57	17.3	19.3	
March	65.2	2.3	16.1	112.4	5.7	47.7	1.87	0.11	0.94	15.1	9.7	0.94	15.1	9.7	0.94	15.1	21.4	
April	57.5	2.4	20.2	110.8	5.6	47.1	1.54	0.13	1.11	12.0	9.7	1.11	12.0	9.7	1.11	12.0	9.3	
May	68.8	2.5	17.2	125.8	4.1	27.8	2.00	0.15	3.19	14.9	10.0	3.19	14.9	10.0	3.19	14.9	14.4	
June	50.5	2.0	18.5	148.1	3.9	40.0	1.40	0.19	1.81	11.8	8.6	1.81	11.8	8.6	1.81	11.8	19.3	
July	49.9	2.0	15.2	124.2	4.0	32.0	1.30	0.18	1.50	11.6	8.4	1.50	11.6	8.4	1.50	11.6	6.3	
August	83.4	2.0	12.2	190.1	2.3	14.3	2.40	0.23	1.40	19.8	10.2	1.40	19.8	10.2	1.40	19.8	5.8	
September	80.5	2.0	12.2	141.8	3.6	21.6	2.00	0.23	1.37	15.9	8.7	1.37	15.9	8.7	1.37	15.9	11.5	
October	105.3	2.3	13.2	160.7	4.6	27.0	2.62	0.21	1.23	17.6	8.5	1.23	17.6	8.5	1.23	17.6	12.8	
November	101.8	2.0	11.3	166.9	2.8	15.8	2.37	0.17	0.94	18.8	9.8	0.94	18.8	9.8	0.94	18.8	2.2	
December																		
Average	74.9	2.3	15.3	141.4	4.3	30.1	2.0	0.17	1.35	15.5	9.3	1.35	15.5	9.3	1.35	15.5	13.3	
Max	105.3	3.5	20.2	190.1	6	47.7	2.6	0.23	3.19	19.8	10.2	3.19	19.8	10.2	3.19	19.8	23.7	
C of A		25	225		25	225		0.9	8.1	200	6.0	8.1	200	6.0	8.1	200	200	

January 11, 2017

Town of Fort Frances  
320 Portage Avenue  
Fort Frances Ontario  
P9A 3M5

Attention: Mr. Doug Herr  
Environmental and Facilities Superintendent

Dear Doug:

**Re: Fort Frances Wastewater Treatment Facility  
December 2016 Monthly Report**

As per the operating agreement, the attached document is the December 2016 monthly report for the Fort Frances Wastewater Treatment Facility.

The report highlights the influent and effluent quality and the process parameters. Additionally, the routine operation and maintenance activities conducted by the operators are summarized.

If you have any questions regarding this report do not hesitate to contact Mr. Larry Wachter – Operations Manager.

Yours truly,



Kelly Cunningham  
Senior Operator

For Larry Wachter  
Operations Manager

**The Corporation of the Town of Fort Frances  
Wastewater Treatment Plant  
(Sewage Plant)  
December 2016 Monthly Operations Report**

## **INTRODUCTION**

In accordance with the Agreement between the Ontario Clean Water Agency (Operating Authority) and the Town of Fort Frances, the Fort Frances Sewage Treatment Plant is required to prepare a monthly report. This document covers the reporting month of December 2016; the facility performance report summarizes important information regarding the quality of the effluent, wastewater, analytical test results, maintenance operations, and relevant activities of the WWTP.

## **DESCRIPTION OF WORKS**

Capacity of Works	9000 m <sup>3</sup> /day (average flow)
Service Area	Town of Fort Frances and Couchiching Reserve
Service Population	9000
Effluent Receiver	Rainy River
Major Process	Secondary treatment facility complete with a phosphorus removal system; ultra violet disinfection; aerobic sludge stabilization and dewatering

The Fort Frances Sewage Treatment Plant operates under *Environmental Compliance Approval Number 6786-A44PWG*. The ECA outlines the terms and conditions, and the report captures these terms and conditions in the following sections.

## **LABORATORY**

ALS Laboratory Group – Thunder Bay is contracted to conduct the required analytical tests of the influent (raw) and effluent samples; weekly requirement.

## DECEMBER 2016 EFFLUENT QUALITY

<i>Parameters</i>	<i>Monthly Actual Concentration mg/L</i>	<i>Compliance Criteria Concentration mg/L</i>	<i>Performance Objective Concentration mg/L</i>	<i>Monthly Actual Loading, kg/d</i>	<i>Compliance Criteria Loading kg/d</i>	<i>Performance Objective Loading kg/d</i>
CBOD <sub>5</sub>	2.0 mg/L	25 mg/L	15 mg/L	12.1 kg/d	225 kg/d	135 kg/d
Total Suspended Solids	2.7 mg/L	25 mg/L	15 mg/L	17.0 kg/d	225 kg/d	135 kg/d
Total Phosphorus	0.12 mg/L	1.0 mg/L	0.9 mg/L	0.7 kg/d	9 kg/d	8.1 kg/d
Total Nitrogen Nitrate Nitrogen	8.31 mg/L 6.90 mg/L					
Total Cl <sub>2</sub> Residual		<0.01 mg/L (when in use)				
E-Coli		10.6 count/100 ml (geometric mean )		200 count/100ml (geometric mean )		E-coli not to exceed 150 organisms/100ml (monthly geometric mean density)
pH				pH range 7.5 to 7.9; average pH was 7.7		
Temperature degrees C				Temperatures ranged from 11.0 to 13.0 C; average temperature of effluent was 11.9 C		

Compliance criteria are mandatory requirements of the ECA and performance objectives are a goal to be achieved using best reasonable efforts.

## WASTEWATER LIQUID PROCESS

The average daily flow for December was 6045.4 m<sup>3</sup>/day. This represents 67% of the design average flow. Total treated flow for the month was 187407 m<sup>3</sup>.

The Fort Frances WWTP met all effluent compliance criteria for the parameters listed above and additionally was well within the recommended more stringent monthly performance objective levels as outlined in the Environmental Compliance Approval.

## INVENTORY

Chemical	End of Month Status	Units
Hypochlorite	1120 +/- @ 8.0% +3x205 L @ 12%	Litres
Alum	19.8 +/- @ 55 %	Cubic meters
Polymer	1x 205 L drums	Litres

## MAINTENANCE

The operators performed the routine operations and maintenance at the treatment plant and pumping stations. The activities are highlighted as follows:

### Treatment Plant:

- Alternated lead/lag pumps
- Adjusted fluidizing water to head cell and grit snail as needed
- Greased all blowers
- Regular cleaning of head works EW basket strainer
- Greased Grit Snail and lubricated drive chain
- Weekly inspection spiral screen access hatch, removed wrapped debris as required
- Flushed digester level sensor
- Replaced air filter channel blower
- Replaced blower 4 case seal
- Changed oil blower 4
- Changed oil grit pumps gear boxes
- Replaced shear pin clarifier 2 longitudinal drive

### Pump Stations:

- Ran gensets
- Changed seal water strainers
- A control relay for the Central Avenue lift station generator transfer switch was replaced by Wajax
- The louvers on the White Pine lift station generator building were adjusted
- Adjusted the radio antenna at the Church St lift station



## **OPERATIONAL ISSUES**

There were no operational issues in the report period.

## **SLUDGE SUMMARY**

Asselin Storage and Transportation Limited hauled a total of 92.6 m<sup>3</sup> (11 bins) of thickened digested sludge to the Town of Fort Frances landfill site.

## **COMPLAINTS**

There were no complaints during the report period.

## **BYPASS REPORT(S)**

There were no bypass events during the report period.

## **COMMENTS**

Plant power consumption for the month was 670 (x 180 multiplier) kWh.  
Screen and Dewatering Upgrades at the FFWWTP have been under way since May 30, 2016.

## **REPORTS**

ALS – Environmental Analytical Reports (on-file at plant)  
Fort Frances WPCP Equipment Run Time Report (on-file at plant)  
Bypass Report (on-file at plant as per occurrence)  
Incident Report (on-file at plant as per occurrence)

Month	Sewage Flows Year 2016					Usage	Sludge	Removal Efficiency		
	Avg. Day Flow	Max Day Flow	Total Treated	Total ByPass	Total Volume			CBOD5	Suspended Solids	Total Phosphorus
	m3	m3	Volume ML	Volume ML	ML					
January	5668.1	5900	175712		175712	63%	249.9			
February	5417.8	5665	157117		157117	60%	251.7			
March	7463.4	12988	231365		231365	83%	212.7			
April	8462.4	10027	253871		253871	94%	228.3			
May	6785.5	8276	210352		210352	75%	241.2			
June	9140.5	18874	274216	1306	275522	102%	217.4			
July	8142.5	11184	252416		252416	90%	227.5			
August	6150.3	7937	190658		190658	68%	130.3			
September	6009.5	7299	180285		180285	67%	92.8			
October	5845.3	6913	181205		181205	65%	108.0			
November	5635.8	6939	169075		169075	63%	92.6			
December	6045.4	6556	187407		187407	67%	92.6			
Sum				1306	2464985		2145			
Average	6731		205307		205415	75%	178.8			
Max		18874	274216		275522					
C of A	9000	18000								

	CBOD5				Suspended Solids				Total Phosphorus				Nitrogen				E. Coli	
	Avg. Raw BOD	Avg. Eff. CBOD	Avg. Load CBOD	Avg. Raw S.S	Avg. Eff. S.S	Avg. Load S.S	Avg. Raw T.P	Avg. Eff. T.P	Avg. Load T.P	Avg. Raw TKN	Avg. Eff. Total N	Avg. Load T.P	Avg. Raw TKN	Avg. Eff. Total N	Avg. Load T.P	Avg. Raw TKN	Geo Mean Counts	E. Coli
	(mg/L)	(mg/L)	(kg/day)	(mg/L)	(mg/L)	(kg/day)	(mg/L)	(mg/L)	(kg/day)	(mg/L)	(mg/L)	(kg/day)	(mg/L)	(mg/L)	(kg/day)	(mg/L)	/100ml	
January	87.0	2.4	13.5	142.4	6.0	34.7	2.41	0.15	0.83			0.83			0.83		23.7	
February	74.3	3.5	18.5	132.5	4.3	23.2	2.12	0.11	0.57	17.3	8.9	0.57	17.3	8.9	0.57		19.3	
March	65.2	2.3	16.1	112.4	5.7	47.7	1.87	0.11	0.94	15.1	9.7	0.94	15.1	9.7	0.94		21.4	
April	57.5	2.4	20.2	110.8	5.6	47.1	1.54	0.13	1.11	12.0	9.7	1.11	12.0	9.7	1.11		9.3	
May	68.8	2.5	17.2	125.8	4.1	27.8	2.00	0.15	3.19	14.9	10.0	3.19	14.9	10.0	3.19		14.4	
June	50.5	2.0	18.5	148.1	3.9	40.0	1.40	0.19	1.81	11.8	8.6	1.81	11.8	8.6	1.81		19.3	
July	49.9	2.0	15.2	124.2	4.0	32.0	1.30	0.18	1.50	11.6	8.4	1.50	11.6	8.4	1.50		6.3	
August	83.4	2.0	12.2	190.1	2.3	14.3	2.40	0.23	1.40	19.8	10.2	1.40	19.8	10.2	1.40		5.8	
September	80.5	2.0	12.2	141.8	3.6	21.6	2.00	0.23	1.37	15.9	8.7	1.37	15.9	8.7	1.37		11.5	
October	105.3	2.3	13.2	160.7	4.6	27.0	2.62	0.21	1.23	17.6	8.5	1.23	17.6	8.5	1.23		12.8	
November	101.8	2.0	11.3	166.9	2.8	15.8	2.37	0.17	0.94	18.8	9.8	0.94	18.8	9.8	0.94		2.2	
December	81.6	2.0	12.1	169.3	2.7	17.0	2.18	0.12	0.72	17.2	8.3	0.72	17.2	8.3	0.72		10.6	
Average	75.5	2.3	15.0	143.8	4.1	29.0	2.0	0.17	1.30	15.6	9.2	1.30	15.6	9.2	1.30		13.1	
Max	105.3	3.5	20.2	190.1	6	47.7	2.6	0.23	3.19	19.8	10.2	3.19	19.8	10.2	3.19		23.7	
C of A		25	225		25	225		0.9	8.1	200	6.0	8.1	200	6.0	8.1		200	

**OPERATIONS AND FACILITIES DIVISION - PUBLIC WORKS AREA**  
**OPERATIONS STATISTICS**  
**August 2016**

**STAFFING**

The following table is a breakdown of lost man shifts during the month:

	2015	2016
WSIB	0.00	0.00
WI/LTD	0.00	23.00
SICK DAYS	9.75	5.31
COMPASSIONATE LEAVE	0.00	0.00
FLOATERS	1.00	1.00
VACATION	70.50	103.13
BANKED TIME USED	9.25	6.38
OFF	5.56	4.50
STATUTORY HOLIDAYS	27.00	27.00
<b>TOTAL</b>	<b>123.06</b>	<b>170.32</b>

**OVERTIME HOURS**

Equivalent Straight Time Hours:

	2015	2016	2015	2016
	August	August	Year To	Year To
			Date	Date
FIGHT THE BLIGHT	0.00	0.00	0.00	142.50
TRAVEL	0.00	0.00	0.00	2.50
ENGINEERING	0.00	0.00	4.00	8.00
INTERDEPARTMENTAL	5.25	0.00	22.25	14.75
PRIVATE WORK	18.50	21.00	21.00	29.00
RECYCLE/GARBAGE	1.50	0.75	3.00	22.25
ROADS	20.25	27.75	267.50	269.50
SEWER COLLECTION	13.50	24.00	307.25	263.75
SIDEWALKS	4.50	0.00	18.75	3.00
STORES	0.00	0.00	24.00	30.00
VEHICLE & EQUIPMENT	0.00	0.00	27.00	4.00
WATER TREATMENT PLANT	67.75	44.00	312.50	287.75
WATER DISTRIBUTION	41.75	42.75	423.75	515.75
WATER TOWER	0.00	0.00	4.00	0.00
<b>TOTAL</b>	<b>173.00</b>	<b>160.25</b>	<b>1921.25</b>	<b>1592.75</b>

# **TRANSPORTATION REPORT**

**August 2016**

## **ROADS:**

### **Storm Water Management – Urban:**

- Continued flushing storm sewer laterals and cleaning catch basin sumps

### **Storm Water Management - Rural:**

- Removed beaver dams as required
- Cut grass along ditches with trackless tractor

### **Hard Top Maintenance:**

- Levelled utility cuts – twice weekly
- Pothole patching as required
- Street sweeping daily – downtown area and Front Street done once weekly
- Replace curb and gutter in areas identified for repairs
- Hauled three (3) loads of Class II Aggregate for surface treatment on Calder Drive August 8<sup>th</sup>.

### **Loose Top Maintenance:**

- Graded all loose top roads
- Graded all lanes

### **Roadside Maintenance:**

### **Winter Control:**

### **Traffic Operations:**

- Repaired and replaced signs as required.
- Replaced parking sign and post of Mowat Avenue at TD Bank
- Painted stop bars, crosswalks and no parking areas.

**Regular Maintenance:**

- Garbage pickup - Tuesday and Friday - Downtown and Public Works Shop
- Assisted Engineering with locates and CCTV inspections.
- Assisted with tasks at Civic Centre as required.
- Maintenance checks at the Civic Centre as required
- Repaired deficiencies found in Routine Road Patrols

**Buildings and Grounds:**

- Cleaned Shop as required
- Cleaned vehicles and equipment as required.
- Cut grass at Public Works Building and all yards
- Turned over black dirt pile in McIrvine Road dump site

**Private Work:**

- Started to vacuum excavate a gas main at the Mill Training Centre for Centra Gas August 31,

**Sidewalks – Winter:****Sidewalks – Summer:**

- Swept sidewalks and bike path along waterfront once weekly
- Replaced sidewalk in areas identified for repairs

**Vehicles and Equipment:**

- Preventive Maintenance - pre-trip inspections 5:30 -7:30 a.m. Monday to Friday
- Regular scheduled maintenance of all vehicles and equipment
- Maintenance and repairs, Fire Department, Water Treatment Plant, Memorial Sportsplex, Day Care, Handi-Van and Civic Centre vehicles as required.

**Public Relations:****Sewer and Water:**

- Provided labour and equipment for Water Distribution and Sewer Collection repairs and maintenance.
- Handed out “Water Turn Off Advisories”, “Drinking Water Advisories” and “Lifting of Drinking Water Advisories” when required
- Issued “Delinquent Account Notices” and turned off water for non-compliance as

required.

**Interdepartmental:**

- Hauled “Granular “B” material from snow dump on McIrvine Road to New Tennis Courts
- Cut grass at animal shelter
- Supplied ten (10) barricades for construction (Mason) doing work on Civic Centre
- Cathy Westover supplied coverage for vacation at the Airport from August 26<sup>th</sup> to August 28<sup>th</sup>.

**Recycling:**

- Emptied glass recycling bin as required
- Pushed up piles in recycling building as required
- Loaded recycling trailer
- Emptied bins from “drop off centre” as required
- Loaded commercial recycling bins as required
- Cleaned up debris in recycling yard as required

**Training:**

**Health & Safety:**

- A workplace inspection was done at the WTP on August 2<sup>nd</sup>, 2016.

Milt Strachan,  
Superintendent of Transportation

**OPERATIONS AND FACILITIES DIVISION - PUBLIC WORKS AREA**  
**OPERATIONS STATISTICS**  
**September 2016**

**STAFFING**

The following table is a breakdown of lost man shifts during the month:

	2015	2016
WSIB	0.00	0.00
WI/LTD	22.00	22.00
SICK DAYS	3.13	9.13
COMPASSIONATE LEAVE	0.00	0.00
FLOATERS	0.00	3.00
VACATION	24.81	38.75
BANKED TIME USED	22.00	16.59
OFF	2.00	1.16
STATUTORY HOLIDAYS	23.00	22.00
<b>TOTAL</b>	<b>96.94</b>	<b>112.63</b>

**OVERTIME HOURS**

Equivalent Straight Time Hours:

	2015	2016	2015	2016
	Sept	Sept	Year To	Year To
			Date	Date
FIGHT THE BLIGHT	0.00	0.00	142.50	142.50
TRAVEL	0.00	0.00	0.00	2.50
ENGINEERING	0.00	0.00	4.00	8.00
INTERDEPARTMENTAL	0.00	0.00	22.25	14.75
PRIVATE WORK	10.25	1.50	22.50	30.50
RECYCLE/GARBAGE	12.75	9.50	12.50	31.75
ROADS	24.00	19.75	325.00	289.25
SEWER COLLECTION	38.50	82.50	389.75	346.25
SIDEWALKS	8.25	0.00	18.75	3.00
STORES	0.00	0.00	24.00	30.00
VEHICLE & EQUIPMENT	0.00	0.00	27.00	4.00
WATER TREATMENT PLANT	44.00	8.00	320.50	295.75
WATER DISTRIBUTION	21.00	65.00	488.75	580.75
WATER TOWER	0.00	0.00	4.00	0.00
<b>TOTAL</b>	<b>158.75</b>	<b>186.25</b>	<b>2080.00</b>	<b>1779.00</b>

# **TRANSPORTATION REPORT**

## **September 2016**

### **ROADS:**

#### **Storm Water Management – Urban:**

- Continued flushing storm sewer laterals and cleaning catch basin sumps
- Cleaned debris from catch basins during rain events
- Replace storm sewer laterals and part of the main on the 1200 block of Elizabeth Street East
- Replaced part of the Storm Sewer and moved behind the curb on the 600 block of Nelson Street

#### **Storm Water Management - Rural:**

- Removed beaver dams as required
- Cut grass along ditches with trackless tractor

#### **Hard Top Maintenance:**

- Levelled utility cuts – twice weekly
- Pothole patching as required
- Street sweeping daily – downtown area and Front Street done once weekly
- Replace curb and gutter in areas in need of repairs

#### **Loose Top Maintenance:**

- Graded all loose top roads
- Graded all lanes

#### **Roadside Maintenance:**

- Cut grass at dead ends and CN crossings
- Cut grass and brush at Caul's bridge September 8, 2016

#### **Winter Control:**



**Traffic Operations:**

- Repaired and replaced signs as required.
- Continued painting crosswalks, stop bars and parking spaces
- Put up speed sign on Kings Highway September 13<sup>th</sup>

**Regular Maintenance:**

- Garbage pickup - Tuesday and Friday - Downtown and Public Works Shop
- Assisted Engineering with locates and CCTV inspections.
- Assisted with tasks at Civic Centre as required.
- Maintenance checks at the Civic Centre as required
- Repaired deficiencies found in Routine Road Patrols

**Buildings and Grounds:**

- Cleaned Shop as required
- Cleaned vehicles and equipment as required.
- Cut grass at Public Works Building and all yards
- Stock piled additional Granular "A" material September 15<sup>th</sup>

**Private Work:**

- Vacuum excavated a gas main on the Mill Training Centre property September 1<sup>st</sup>
- Cleaned sanitary sewer main for Couchiching First Nation on September 2<sup>nd</sup>

**Sidewalks – Winter:****Sidewalks – Summer:**

- Swept sidewalks and bike path along waterfront once weekly
- Replaced sidewalk in areas identified for repairs

**Vehicles and Equipment:**

- Preventive Maintenance - pre-trip inspections 5:30 -7:30 a.m. Monday to Friday
- Regular scheduled maintenance of all vehicles and equipment
- Maintenance and repairs, Fire Department, Water Treatment Plant, Memorial Sportsplex, Day Care, Handi-Van and Civic Centre vehicles as required.

**Public Relations:**

- Delivered barricades for the Terry Fox Run September 16<sup>th</sup> and picked them up on September 19<sup>th</sup>

**Sewer and Water:**

- Provided labour and equipment for Water Distribution and Sewer Collection repairs and maintenance.
- Handed out “Water Turn Off Advisories”, “Drinking Water Advisories” and “Lifting of Drinking Water Advisories” when required
- Issued “Delinquent Account Notices” and turned off water for non-compliance as required.

**Interdepartmental:**

- Removed a bench on the water front for a storm sewer replacement at the intersection of Minnie Avenue and Front Street ( Makkinga)
- Cathy Westover supplied coverage for vacation at the Airport September 9, 10, 11, 21, 22 and 23<sup>rd</sup>

**Recycling:**

- Emptied glass recycling bin as required
- Pushed up piles in recycling building as required
- Loaded commercial recycling bins as required

**Training:****Health & Safety:**

- A workplace inspection was completed at the Public Works Building on September 28<sup>th</sup>

Milt Strachan,  
Superintendent of Transportation

## OPERATIONS STATISTICS

October 2016

### STAFFING

The following table is a breakdown of lost man shifts during the month:

	2015	2016
WSIB	0.00	0.00
WI/LTD	11.00	8.00
SICK DAYS	4.88	10.31
COMPASSIONATE LEAVE	10.00	0.00
FLOATERS	2.00	2.00
VACATION	50.25	41.13
BANKED TIME USED	7.81	14.78
OFF	0.13	1.84
STATUTORY HOLIDAYS	24.00	22.00
<b>TOTAL</b>	<b>110.07</b>	<b>100.06</b>

### OVERTIME HOURS

Equivalent Straight Time Hours:

	2015	2016	2015	2016
	Oct	Oct	Year To	Year To
			Date	Date
FIGHT THE BLIGHT	0.00	0.00	142.50	142.50
TRAVEL	0.00	0.00	0.00	2.50
ENGINEERING	0.00	0.00	4.00	8.00
INTERDEPARTMENTAL	0.00	0.00	22.25	14.75
PRIVATE WORK	4.00	0.00	22.50	30.50
RECYCLE/GARBAGE	0.00	0.00	12.50	31.75
ROADS	16.50	25.50	350.50	314.75
SEWER COLLECTION	40.00	18.25	408.00	364.50
SIDEWALKS	0.00	0.00	18.75	3.00
STORES	0.00	0.00	24.00	30.00
VEHICLE & EQUIPMENT	4.00	0.00	27.00	4.00
WATER TREATMENT PLANT	12.75	24.00	344.50	319.75
WATER DISTRIBUTION	28.00	5.25	494.00	586.00
WATER TOWER	0.00	0.00	4.00	0.00
<b>TOTAL</b>	<b>105.25</b>	<b>73.00</b>	<b>2185.25</b>	<b>1852.00</b>

# **TRANSPORTATION REPORT**

**October 2016**

## **ROADS:**

### **Storm Water Management – Urban:**

- Cleaned debris from catch basins during rain events

### **Storm Water Management - Rural:**

- Brush cutting along ditches with the Hyundai
- Brush cutting along ditches with trackless tractor

### **Hard Top Maintenance:**

- Levelled utility cuts – twice weekly
- Pothole patching as required
- Street sweeping daily – downtown area and Front Street done once weekly
- Replace curb and gutter in areas identified for repairs

### **Loose Top Maintenance:**

- Graded all loose top roads
- Graded all lanes

### **Roadside Maintenance:**

### **Winter Control:**

- Mixed sand/salt and stockpiled in salt storage building

### **Traffic Operations:**

- Repaired and replaced signs as required.
- Supplied Traffic Control (flagmen) for EXP to drill test holes at overpass October 26<sup>th</sup> and 27<sup>th</sup>
- Replaced failed reflectivity signs

**Regular Maintenance:**

- Garbage pickup - Tuesday and Friday - Downtown and Public Works Shop
- Assisted Engineering with locates and CCTV inspections.
- Assisted with tasks at Civic Centre as required.
- Maintenance checks at the Civic Centre as required
- Repaired deficiencies found in Routine Road Patrols

**Buildings and Grounds:**

- Cleaned Shop as required
- Cleaned vehicles and equipment as required.
- Cut grass at Public Works Building and all yards
- Moved cover building from STP to Public Works North Yard
- Prepared a base for the cover building

**Private Work:****Sidewalks – Winter:****Sidewalks – Summer:**

- Swept sidewalks and bike path along waterfront once weekly.
- Replaced sidewalk in areas identified for repairs

**Vehicles and Equipment:**

- Preventive Maintenance - pre-trip inspections 5:30 -7:30 a.m. Monday to Friday
- Regular scheduled maintenance of all vehicles and equipment
- Maintenance and repairs, Fire Department, Water Treatment Plant, Memorial Sportsplex, Day Care, Handi-Van and Civic Centre vehicles as required.

**Public Relations:**

- Moved flower holders on the islands to the back of the Riverview Cemetery for winter storage
- Painted lines in parking lot at the Airport October 18<sup>th</sup>
- Cut grass at animal shelter
- Supplied barricades for CMHA Walk on October 5<sup>th</sup>.

**Sewer and Water:**

- Provided labour and equipment for Water Distribution and Sewer Collection repairs and maintenance.
- Handed out “Water Turn Off Advisories”, “Drinking Water Advisories” and “Lifting of Drinking Water Advisories” when required
- Issued “Delinquent Account Notices” and turned off water for non-compliance as required.
- Flushed sanitary sewer dead ends
- Vacuum excavated a water service at Huffman Place October 20<sup>th</sup>

**Interdepartmental:**

- Winterized Civic Centre sprinkler system on October 17<sup>th</sup>
- Removed playground equipment at Children’s Complex
- Cathy Westover supplied coverage for vacation, etc. on October 7<sup>th</sup> and 8<sup>th</sup> and again from October 23<sup>rd</sup> to October 31<sup>st</sup>.

**Recycling:**

- Emptied glass recycling bin as required
- Pushed up piles in recycling building as required
- Loaded commercial recycling bins as required

**Training:**

- All employees present at work received propane training at the Memorial Sportsplex on October 4<sup>th</sup> ( Randy McArthur was off on OTL and Dale Gill was off on Short Term Disability so were therefore absent )

**Health & Safety:**

- A workplace inspection was done at the WTP on October 18<sup>th</sup>, 2016.
- A joint Health and Safety Committee Meeting was held on October 18<sup>th</sup>, 2016.

Milt Strachan,  
Superintendent of Transportation

Sewer & Water Data for 2016  
up-dated January 13, 2017

Month	Days per month	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2015	2015	2016-2015	2016-2015	2016	2016
		Total	daily	Couch.	Couch.	Couch.	Total	daily	Couch.	Couch.	Couch.	Total	daily	Diff	Diff	Difference	Infiltration
		Sewage	Sewage	Sewage	Sewage	Sewage	Treated	Treated	2 Water	2 Water	Water	Treated	Treated	Treated	Wastewater	STP-WTP	daily average
		STP	STP	Meters	Meters	%	WTP	WTP	Meters	Meters	%	WTP	WTP	WTP	STP		
		cu. meters monthly	cu. meters daily	cu. meters monthly	cu. meters daily		cu. meters monthly	cu. meters daily	cu. meters monthly	cu. meters daily		cu. meters monthly	cu. meters daily				
January	31	176710	5700.32	7600	245.16	4.30%	118110.0	3810.0	16818.5	542.5	14.24%	121570	3922	-3460.0	15348.0	58600.0	1890.3
February	29	157117	5417.83	7638	263.38	4.86%	110250.0	3801.7	16818.5	579.9	15.25%	107690	3713	2560.0	16880.0	46867.0	1616.1
March	31	231365	7463.39	9648	311.23	4.17%	118060.0	3808.4	15056.0	485.7	12.75%	126450	4079	-8390.0	57500.0	113305.0	3655.0
April	30	253871	8462.37	10565	352.17	4.16%	106740.0	3558.0	15056.0	501.9	14.11%	112830	3761	-6090.0	85006.0	147131.0	4904.4
May	31	210253	6782.35	9803	316.23	4.66%	118580.0	3825.2	10579.5	341.3	8.92%	120100	3874	-1520.0	-32616.0	91673.0	2957.2
June	30	274216	9140.53	13144	438.13	4.79%	120190.0	4006.3	10579.5	352.7	8.80%	116430	3881	3760.0	55443.0	154026.0	5134.2
July	31	252416	8142.45	12761	411.65	5.06%	126030.0	4065.5	9565.0	308.5	7.59%	134840	4350	-8810.0	72447.0	126386.0	4077.0
August	31	190658	6150.26	11928	384.77	6.26%	137500.0	4435.5	9565.0	308.5	6.96%	129900	4190	7600.0	7129.0	53158.0	1714.8
September	30	180285	6009.50	11908	396.93	6.61%	104260.0	3475.3	9970.5	332.3	9.56%	121920	4064	-17660.0	17172.0	76025.0	2534.2
October	31	181205	5845.32	11750	379.03	6.48%	103050.0	3324.2	9970.5	321.6	9.68%	123450	3982	-20400.0	21397.0	78155.0	2521.1
November	30	169075	5635.83	9809	326.97	5.80%	96940.0	3231.3	9908.6	330.3	10.22%	102560	3419	-5620.0	-19915.0	72135.0	2404.5
December	31	187407	6045.39	14600	470.97	7.79%	108030.0	3484.8	9908.6	319.6	9.17%	107110	3455	920.0	-1996.0	79377.0	2560.5
Total	366	2464578		131154			1367740.0		143796.1			1424850	46690	-57110.0	293795.0	1096838.0	2996.8
Monthly Average												118737.5	3890.9	-4759.2	24482.9	91403.2	2997.4
daily Average												3868.77					