

TOWN OF FORT FRANCES

Operations and Facilities Executive Committee

AGENDA - February 8, 2017, 8:30 AM

MEETING - Civic Centre

Session #002

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1. <u>Call to Order</u>	
2. <u>Disclosure of pecuniary interest and the general nature thereof</u>	
3. <u>Approval of Previous Committee Minutes</u>	
3.1 Minutes from the previous meeting of this committee on January 18, 2017.	3 - 4
4. <u>Non-agenda Items</u>	
5. <u>Items Referred from Council</u>	
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6. <u>New Business</u>	
6.1 December 2016 Drinking Water Systems Monthly Summary Report.	8 - 15
6.2 Lakeside Process Controls 3 Year Support Agreement Renewal for Process Control at the Water and Wastewater Treatment Plants.	16 - 36
6.3 Renewal of Bearskin Annual Lease and Melaire Ltd. 5 Year Hanger Lease	37 - 39
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6.5 Tender No. 16-OF-14 - Compact Track Loader and Provide Pricing for Seven Attachments - to be distributed prior to meeting.	54 - 58
7. <u>Information</u>	
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7.4 Operations and Facilities Division - Public Works Area - Operations Statistics - December 2016	70 - 73
7.5 Aircraft Landings 2017 - as of February 6, 2017	74 - 75
8. <u>Adjourn / Next Meeting Date</u>	

TOWN OF FORT FRANCES

MINUTES

SESSION NO. #001

January 18, 2017

The meeting of Operations & Facilities Executive Committee of the Town of Fort Frances was held in the Civic Centre on January 18, 2017 from 8:31 a.m. to 9:36 a.m.

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

ALSO PRESENT: Mayor Avis

1. Call to Order

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

2. Disclosure of pecuniary interest and the general nature thereof

None

3. Approval of Previous Committee Minutes

3.1 Minutes from the previous meeting of this committee on December 7, 2016 - the minutes were approved as circulated.

4. Non-agenda Items

4.1 Point Park Trees - a verbal update on the condition of the trees within the Point Park area was given by D. Brown.

5. New Business

5.1 Report No. 1 - Establishing 2017 Water and Sewer Rates - 3 rate scenarios were developed and will be presented at the next budget meeting.

5.2 November 2016 Drinking Water Systems Monthly Summary Report - the November 2016 Drinking Water Report was reviewed and will be forwarded on to Council for approval.

5.3 Lease Renewal Notice - Bell Mobility Equipment on the Water Tower - the Lease Renewal with Bell Mobility was reviewed and will be forwarded on to Council for approval.

5.4 LAS Service Line and In-Home Plumbing Repair Program - the administration report was reviewed and will be forwarded on to Council for approval.

6. Information

6.1 2016 Tonnage at the Landfill Site - updated December 5, 2016 - the tonnage at the landfill site was reviewed and will be forwarded to Council as information only. No action required.

6.2 Aircraft Statistics 2016 as of January 10, 2017 - the airport statistics were reviewed and will be forwarded to Council as information only. No action required.

6.3 Fort Frances Wastewater Treatment Facility November 2016 Monthly Report - the Wastewater Treatment Facility report for November was reviewed and will be forwarded to Council as information only. No action required.

- 6.4 Fort Frances Wastewater Treatment Facility December 2016 Monthly Report - the Wastewater Treatment Facility report for December was reviewed and will be forwarded to Council as information only. No action required.
- 6.5 Operations and Facilities Division - Public Works Area - Operations Statistics - August 2016 - the Operations Statistics for the Public Works Area were reviewed and will be forwarded to Council as information only. No action required.
- 6.6 Operations and Facilities Division - Public Works Area - Operations Statistics - September 2016 - the Operations Statistics for the Public Works Area for September 2016 were reviewed and will be forwarded to Council as information only. No action required.
- 6.7 Operations and Facilities Division - Public Works Area - Operations Statistics - October 2016 - the Operations Statistics for the Public Works Area for October 2016 were reviewed and will be forwarded to Council as information only. No action required.
- 6.8 Sewer and Water Data for 2016 - updated January 13, 2017 - the Sewer and Water data was reviewed and will be forwarded to Council as information only. No action required.

7. Adjourn / Next Meeting Date

The meeting was adjourned at 9:36 a.m.

Executive Committee Chair

T. Rob, Manager of Operations & Facilities

February 6, 2017

Report To: Mayor and Council

From: Travis Rob, Manager of Operations & Facilities

SUBJECT: Request from Ms. Wendy Derendorf to make a contribution to the LaVerendrye Parkway in honor of her parents.

A letter was received January 19, 2017 from Ms. Derendorf requesting to make a contribution to the LaVerendrye Parkway in honor of her late parents, Mr. Bob and Mrs. Dot Cupp, see attached letter. Historically the Town have received requests to have a memorial bench installed along the Waterfront Parkway in honor of the deceased at a specified location.

A little history on the benches along the Waterfront Parkway; in 2003 & 2004 several citizens and organizations purchased a bench at a price of \$1600 which included the cost of the plaque. The bench & plaque were installed for the commemoration of the Town of Fort Frances 100th anniversary. Since Fort Frances 100th Birthday event, 4 additional benches (Mr. & Mrs. Allison 2013, Bob Ward 2014, Tammy Wihnan- 2015 and Annie Gladu (Boon) – 2016) have been approved by Council where the requests were directed to the O & F executive committee.

In May of 2016 Mr. Joe Gladu made a similar request, which was approved by Council, where he was responsible for the cost of a Trystan bench, freight from the manufacturer to Fort Frances and the plaque. The cost of the bench is \$1494.99 (includes HST) plus shipping and the plaque can be paid for directly to General Supply or included as part of the bench costs. A detailed quote will be prepared for Ms. Derendorf prior to ordering any materials should this be the chosen contribution.

The Operations & Facilities Executive Committee recommends the following;

- 1) That Ms. Derendorf's request to make a contribution to the LaVerendrye Parkway be approved through the installation of a commemorative bench at a location of her choosing.
- 2) The costs of the bench, shipping and plaque be covered by Ms. Derendorf
- 3) The Town will supply the labour & materials to construct the foundation for the select bench.
- 4) The Town will supply the labour to install the new select bench and plaque.

Respectfully Submitted



Travis Rob, EIT
Manager of Operations & Facilities

Council approval of this report will ensure the following:

The Operations & Facilities Executive Committee recommends the following;

- 1) That Ms. Derendorf's request to make a contribution to the LaVeredrye Parkway be approved through the installation of a commemorative bench at a location of her choosing.
- 2) The costs of the bench, shipping and plaque be covered by Ms. Derendorf
- 3) The Town will supply the labour & materials to construct the foundation for the select bench.
- 4) The Town will supply the labour to install the new select bench and plaque.

2016FebDerendorfWaterfrontContribution

January 18, 2017



Town of Fort Frances
Mayor, Roy Avis and Town Council
320 Portage Avenue
Fort Frances, Ont. P9A 3P9

Re: For your consideration

Dear Mayor Avis and Town Council,

The family of Bob and Dot Cupp respectfully write, to request your consideration of a contribution to the waterfront.

Bob and Dot lived the majority of their lives in the Rainy River District and made Fort Frances their permanent home from the late 1940's. Throughout the years, they were busy within the community, volunteering countless hours to the various service clubs and groups they belonged to.

They chose to build their life long family residence on the 1200 block of First St., thereby making the East End their home. The kitchen window allowed a beautiful view of Rainy River, a site that Bob, Dot, family and friends enjoyed and commented on many times throughout the years.

In loving memory, we would like to honour our parents with a contribution to the LaVerendrye Parkway.

I look forward to your approval of this request, and meeting with the appropriate committee to discuss options.

On behalf of my family, thank you for your consideration.

Sincerely,

Wendy Derendorf
275-7144

January 23, 2017

Report To: Mayor & Council

From: Travis Rob, Manager of Operations & Facilities

SUBJECT: December 2016 Drinking Water Systems Monthly Summary Report

Please find attached the December 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

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

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

03CouncilwaterreportMarch 2015

December, 2016

**Monthly Summary Report
Water Systems**

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

Dated: January 24, 2017

1) **Introduction**

This report contains the major maintenance activities and operational events that occurred during the month of December 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. 1036 Victoria Ave.	2. 1104 Church St.	3. 901 Wright Ave.	4. W. Tower
5. 740 Scott St.	6. 1150 Portage Ave.	7. 901 Wright Ave.	8. W. Tower
9. 1104 Church St.	10. 1111 First St.	11. 901 Wright Ave.	12. W. Tower
13. 1036 Victoria Ave.	14. 901 Wright Ave.	15. 810 Kings Hwy.	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

- Dec. 06th - worked on the Chlorine System at tower.
- Dec. 07th - repaired Air Compressor.
- Dec. 08th - repaired Air Compressor No. 2.
 - cleaned the top and bottom tank on the Poly Unit.
 - cleaned the four (4) check valves on the Poly Unit.
- Dec. 09th - worked on Filter No. 3, its effluent valve and turbidity meter.
- Dec. 13th - changed the filters in Dust Collector.
- Dec. 17th - calibrated Distribution Chlorine Analyzer.
- Dec. 21st - installed a new Air Compressor.
- Dec. 29th - cleaned the top and bottom tank on the Poly Unit.
 - cleaned the four (4) check valves on the Poly Unit.
 - flushed the poly line to Clarifier.

8) Water Complaints

- Poor Pressure – 0 complaint.
- Water quality – 0 complaint.

9) **Other Miscellaneous Information**

- Dec. 02nd - received a load of Alum.
- Dec. 05th - routine micro sample collection
- Dec. 13th - took quarterly samples at the plant and water tower.
- took T.S.S. samples off Filter No. 1 during backwash sample.
- Dec. 14th - routine micro sample collection.
- Dec. 15th - received a bulk load of Soda Ash.
- Dec. 19th - routine micro sample collection.
- Dec. 21st - ran the generator for approx. 2 hours under load due to power outage.
- Dec. 28th - 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.: _____
- Doug Brown, Manager of Operations & Facilities: _____
- Mark McCaig, 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 December 2016

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	31	Total	Average
		or Range																																	
Flow rates																																			
Raw Water	10^3 M^3	17	5.51	5.53	5.66	5.58	5.75	5.50	5.52	5.46	5.57	5.43	5.55	5.57	5.50	5.49	5.51	5.55	5.53	5.54	5.39	5.52	5.51	5.09	5.51	5.65	5.57	5.47	5.33	5.48	5.44	5.44	5.36	5.36	5.51
Peak Instantaneous - Raw Water	L/s	n/a	64.40	64.41	64.38	64.44	64.49	64.51	64.48	64.47	64.39	64.32	64.43	64.45	64.38	64.41	64.34	64.44	64.38	64.40	64.35	64.41	64.34	64.43	64.47	64.39	64.42	64.44	64.31	63.70	63.71	63.73	63.66	1993.88	64.32
Treated Water	10^3 M^3	17	3.18	3.22	3.39	3.22	3.23	2.97	3.31	3.18	3.42	3.23	3.55	3.52	3.45	3.75	3.53	3.62	3.64	3.65	3.74	3.60	3.68	3.61	3.61	3.84	3.81	3.38	3.51	3.59	3.43	3.59	3.58	108.03	3.48
Peak Instantaneous - Treated Water	L/s	n/a	79.42	79.82	82.03	80.08	78.72	79.22	79.51	80.02	80.91	80.96	81.89	79.40	80.25	81.33	81.02	80.73	81.03	82.67	80.27	81.53	80.58		81.16	81.14	80.42	78.49	80.35	81.39	80.36	80.54	79.60	2414.84	80.49
BackWash Water	10^3 M^3	n/a	0.468	0.573	0.265	0.203	0.183	0.276	0.205	0.379	0.208	0.435	0.000	0.201	0.000	0.267	0.000	0.323	0.220	0.000	0.000	0.000	0.183	0.000	0.564	0.000	0.202	0.271	0.190	0.000	0.000	0.234	0.000	5.850	0.189
Fluoride Information																																			
Fluoride Residual - Treated Water	mg/l	0.5 to 0.8	0.57	0.57	0.55	0.59	0.55	0.58	0.57	0.54	0.55	0.53	0.54	0.56	0.57	0.53	0.55	0.54	0.54	0.55	0.54	0.58	0.54	0.54	0.56	0.52	0.51	0.53	0.54	0.55	0.54	0.53	0.51	16.97	0.55
Turbidity Information																																			
Raw Water	NTU	n/a	1.65	1.61	1.67	1.60	1.58	1.62	1.52	1.23	1.11	1.06	1.08	1.17	1.11	1.00	1.09	0.99	0.92	0.97	0.94	0.91	0.97	0.94	0.97	1.01	1.05	1.00	1.07	1.02	1.11	1.03	1.06	36.06	1.16
Settled Water	NTU	n/a	0.19	0.21	0.22	0.22	0.24	0.21	0.23	0.26	0.23	0.25	0.25	0.24	0.30	0.30	0.21	0.20	0.19	0.18	0.19	0.21	0.22	0.21	0.19	0.22	0.21	0.24	0.23	0.21	0.24	0.22	0.25	6.97	0.22
Treated Water	NTU	1	0.12	0.17	0.18	0.19	0.17	0.19	0.18	0.21	0.23	0.23	0.19	0.20	0.21	0.19	0.14	0.14	0.14	0.12	0.11	0.14	0.15	0.14	0.12	0.13	0.14	0.12	0.12	0.13	0.12	0.12	0.11	4.85	0.16
Other Operating Parameters																																			
pH - Treated Water	no units	6.5 to 8.5	7.23	7.21	7.20	7.15	7.22	7.28	7.27	7.24	7.30	7.27	7.26	7.27	7.27	7.27	7.22	7.28	7.28	7.31	7.36	7.27	7.35	7.28	7.26	7.16	7.21	7.31	7.22	7.22	7.26	7.20	7.27	224.90	7.25
pH - Settled water	no units	n/a	6.58	6.55	6.51	6.49	6.61	6.69	6.81	6.83	6.83	6.83	6.81	6.80	6.85	6.84	6.68	6.61	6.59	6.68	6.71	6.59	6.55	6.55	6.68	6.57	6.60	6.67	6.82	6.89	6.84	6.83	6.84	207.73	6.70
pH - Raw Water	no units	n/a	7.21	7.17	7.12	7.22	7.22	7.17	7.20	7.25	7.27	7.31	7.28	7.29	7.28	7.30	7.18	7.24	7.26	7.27	7.22	7.19	7.23	7.15	7.24	7.19	7.27	7.29	7.21	7.20	7.23	7.12	7.24	224.02	7.23
FAC - Treated Water	mg/l	0.2 to 4	2.40	2.45	2.35	2.34	2.32	2.30	2.20	2.18	2.28	2.20	2.18	2.12	2.18	2.09	2.00	2.03	2.10	2.08	2.09	2.10	2.07	2.19	2.04	1.97	2.02	1.97	2.20	2.12	2.13	2.14	2.10	66.94	2.16
Total Chlorine Residual Treated	mg/l	0.3 to 7	2.66	2.67	2.51	2.49	2.56	2.62	2.48	2.56	2.50	2.54	2.48	2.46	2.42	2.30	2.26	2.24	2.36	2.28	2.24	2.21	2.20	2.38	2.29	2.19	2.22	2.19	2.42	2.36	2.44	2.44	2.32	74.29	2.40
Temperature	C	15	4.0	4.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	3.0	3.0	81.0	2.7	
Fluoride used (Total Daily Consumption)	kg	n/a	19.0	19.0	20.0	20.0	18.0	19.0	19.0	18.0	18.0	18.0	19.0	18.0	19.0	18.0	18.0	17.0	18.0	18.0	17.0	17.0	17.0	19.0	20.0	20.0	20.0	20.0	18.0	19.0	18.0	18.0	18.0	85.0	2.7
Chlorine used (Total Daily Consumption)	kg	n/a	23.0	23.0	24.0	23.0	23.0	23.0	22.0	23.0	22.0	22.0	23.0	22.0	22.0	21.0	21.0	22.0	21.0	21.0	21.0	22.0	21.0	20.0	21.0	22.0	21.0	22.0	20.0	21.0	20.0	21.0	21.0	574.0	18.5
Soda ash (Total Daily Consumption)	kg	n/a	192.9	193.6	198.1	195.3	201.3	192.5	193.2	191.1	195.0	190.1	194.3	195.0	192.5	192.2	####	192.9	194.3	193.6	193.9	188.7	193.2	192.9	178.2	192.9	197.8	195.0	191.5	186.6	191.8	190.4	190.4	#REF!	#REF!
Soda Ash - Dosage	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	35.0	35.0	35.0	1085.0	35.0
Alum residual - (Total Daily Consumption)	kg	n/a	192.9	193.6	198.1	195.3	201.3	192.5	193.2	191.1	195.0	190.1	194.3	195.0	192.5	192.2	####	192.9	194.3	193.6	193.9	188.7	193.2	192.9	178.2	192.9	197.8	195.0	191.5	186.6	191.8	190.4	190.4	#REF!	#REF!
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	35.0	1085.0	35.0
Alum residual - Treated Water	mg/l	0.1	0.05	0.06	0.06	0.05	0.06	0.05	0.05	0.07	0.05	0.04	0.05	0.06	0.05	0.04	0.04	0.06	0.03	0.02	0.04	0.02	0.02	0.03	0.06	0.04	0.05	0.04	0.04	0.04	0.04	0.03	0.03	1.37	0.04
Poly bags added (25 kg bags)	kg						1.0				0.5					0.5		0.5						0.5								0.5		87.5	

Flow Data	DECEMBER	Units	2014		2015		2016	
			Day of the Month		Day of the Month		Day of the Month	
Total Raw Water	m ³		133860		159580		170510	
Raw Maximum Day	m ³	Wednesday 24th	4860	Saturday 12th	5380	Monday 05th	5750	
Raw Minimum Day	m ³	Sunday 07th	4040	Monday 14th	4890	Thursday 22nd	5090	
Raw Average Daily Consumption	m ³		4250		5150		5510	
Total Treated Water	m ³		110550		107110		108030	
Treated Water Maximim Day Consumption	m ³	Tuesday 23rd	4140	Sunday 20th	3760	Saturday 24th	3840	
Treated Water Minimim Day Consumption	m ³	Saturday 06th	3230	Saturday 12th	3150	Tuesday 06th	2970	
Treated Water Average Day Consumption	m ³		3570		3460		3480	
Daily Average Per Household Consumption Rate	m ³		0.94		0.91		0.92	
* Daily Average Per Person Consumption Rate	m ³		0.45		0.43		0.44	
Monthly Averages - Operating Parameters WTP:								
FAC Residual - Treated Water	mg/L		1.91		2.09		2.16	
Total Chlorine Residual - Treated Water	mg/L		2.17		2.29		2.40	
Aluminum Sulphate - Raw Water	mg/L		37.2		35.0		35.0	
Aluminum Sulphate - Treated Water Residual	mg/L		0.05		0.04		0.04	
Fluoride - Treated Water	mg/L		0.66		0.58		0.55	
Soda Ash - Raw Water	mg/L		35.7		35.0		35.0	
PH - Adjusted	mg/L		7.22		7.27		7.25	
Temperature	C		2.0		3.3		2.7	
Quantity of Chemical Used:		kg						
Aluminum Sulphate	kg		4973.5		5585.3		5973.1	
Polyelectrolyte	kg		75.0		75.00		87.5	
Chlorine Gas	kg		513		616		574	
Soda Ash - Used for PH Adjustment	kg		4780.5		5585.3		5973.1	
Fluoride	kg		355		474		574.0	

- * The Canadian Average is 450 Litres (0.45 m³) per day.
- * Population is 7986
- * Number of Households is 3783

January 30, 2017

Report To: Mayor and Council

From: Travis Rob, Manager of Operations & Facilities

RE: Lakeside Process Controls 3 year support agreement renewal for process control at the water and waste water treatment plants.

The Town has utilized Lakeside Process Controls Delta V program for process control at their water and waste water treatment plants for over 10 years. This program is familiar to the operators, has tremendous capabilities and has always provided reliable service. The process control system is the brains of the plant and ensure that the water being distributed meets all stipulated regulations and is safe for the consumer.

The support agreement with Lakeside includes not only software updates but also computer upgrades and programming support over the three year term. Please see attached report from Mr. Doug Herr, Environmental and Facilities Superintendent outlining the agreement and costs. As the Delta V program is proprietary, there is no other companies that can provide support to this system which is why this support was not tendered per the procurement policy.

It is the recommendation of the Operations and Facilities Executive Committee to accept the proposal for a three year extension to the Lakeside support agreement at an annual cost of \$105,443 split equally between the water and waste water treatment plants, and further a by-law be prepared authorizing the mayor and clerk to execute the agreement.

Respectfully Submitted.



Travis Rob, EIT

Manager of Operations & Facilities

RECOMMENDED
FEB 08 2017
EXECUTIVE COMM

Council Approval of this report will agree with the recommendation of the Operations and Facilities Executive Committee to accept the proposal for a three year extension to the Lakeside support agreement at an annual cost of \$105,443 split equally between the water and waste water treatment plants, and further a by-law be prepared authorizing the mayor and clerk to execute the agreement.

January 16, 2017

Report To: Travis Rob, Manager of Operations & Facilities

From: Douglas Herr, Environmental & Facilities Superintendent

**SUBJECT: Lakeside Process Controls Ltd. – 3-Year Support Agreement
Effective February 1, 2017 to January 31, 2020
Water Treatment and Wastewater Treatment Plants**

Lakeside Process Controls Ltd. a business partner of Emerson Process Management formerly known as Controltech have installed new Delta V computer process control systems and provided support services for the Water Treatment Plant and the Wastewater Treatment Plant. Both systems have been in place for: the Water Treatment Plant in 2005 and the Wastewater Treatment Plant in 2007 with no major problems since its implementation.

With the present Support Agreement period ending January 31, 2017, Lakeside Process Controls Ltd. has submitted a Support Agreement proposal for the Delta V computer process control systems for both plants, for a three (3) year term commencing February 01, 2017 through to January 31, 2020. The price for the three (3) year Support Agreement is \$118,091.00, which breaks down as follows:

Support Services:	\$105,443.00 (both systems – 3 yrs. or \$35,147.67 – 1 yr.)
Workstations:	\$6,324.00 (Water Treatment Plant)
	\$6,324.00 (Wastewater Treatment Plant)

The proposed Support Services portion of the agreement has an increase in cost of approximately 11.1 over the current agreement. (Current: \$94,942.00; Proposal: \$105,443.00).

I questioned Adam Troeller, Lakeside Process Control about the substantial increase in service fees. His response was that their prices are based on US dollars. With the current exchange rate being quite high reflects in the price of the service fees.

The services provide support and performance enhancements for both technical contact and functional inquires, problem resolution and software upgrades. It also provides support for system revisions and upgrades as well as maintenance, configuration and training of Town staff; includes one hundred (100) hours of banked service time per year. Also, there is a carry-over of 74 hours from the previous agreement which can be used within this agreement.

The workstations are optional but are recommended for replacement of the existing workstations at each plant. These are necessary to ensure that the computer hardware is kept current and minimizes the event of computer hardware failure.

With Lakeside Process Control Ltd. knowledge and experience of the Delta V computer process control systems and current support of the Delta V system at the Town's plants it is advantageous for the Town to continue with their services and enter into a three (3) year Support Agreement with them.

Please advise if I can proceed with the award of the agreement.

Respectfully submitted,

A handwritten signature in blue ink, appearing to read 'Doug Herr', with a horizontal line extending from the end.

Doug Herr
Environmental & Facilities Supt.

Attachment: Lakeside Proposal



Lakeside Process Controls Ltd.
7 Sylvan Way
Winnipeg, Manitoba R2R 29B
Canada
Phone 1 (204) 633-9197
Fax 1 (204) 632-9608



**Town of Fort Frances
Fort Frances, Ontario**

EMERSON PROCESS MANAGEMENT

Process Automation Annual Support Agreement
Effective February 1st, 2017 to January 31st, 2020

Lakeside Process Controls Ltd.
7 Sylvan Way
Winnipeg, Manitoba
R2R 2B9



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System Life Planning

System Life Planning is a continuous process to **ensure the quality and performance** of the Emerson Process Management system or solution is **maintained and improved** over the logical life cycle of the process application and the associated equipment. The Process Automation Solution Annual Agreement is designed specifically to support the implementation of the overall system life plan.

System Life Planning involves leveraging multiple support programs including services, hardware, software, and technology enhancements with overall directional changes.

True and effective System Life Cycle Planning requires a **continuous review process** to capture and document both short and long term system life management requirements for continued business results.

Lakeside Process Controls will schedule review sessions to learn about the business requirements of the Town of Fort Frances and to update the Town of Fort Frances on Emerson's systems technology direction. These requirements will include traditional equipment life cycles solutions (service work findings and recommendations, upgrades, migration, obsolescence, system uptime, etc.) but also solutions for the more dramatic changes associated with today's business drivers. Lakeside will also make recommendations on system performance to **help Town of Fort Frances achieve their business drivers** such as production efficiency, regulatory and environmental compliance, and personnel changes.

These sessions will be scheduled on a regular interval but with a degree of flexibility based on the rapid and/or unexpected changes in the Town of Fort Frances's business environment.



Agreement Summary

Lakeside Process Controls Ltd. is pleased to offer the following annual support service agreement for the Emerson Process Management Process Automation Solution installed at the Water Treatment and Waste Water Treatment Plants in the Town of Fort Frances.

The components proposed below are based on the requirements outlined in the customer support assessment (attached in Appendix G) and will allow for the Town of Fort Frances to have a **fixed annual cost to meet all operation and maintenance needs for your process automation system.**

Included with the annual support agreement are the following services:

- **Software Warranty Support**
(Refer to Appendix A for more information)
- **Performance & Reliability Maintenance**
(Refer to Appendix B for more information)
- **System Upgrade Service**
(Refer to Appendix C for more information)
- **Support Service Bank – 300 Hours**
(Refer to Appendix D for more information)

This agreement provides the program that addresses all operational and maintenance needs of the Emerson Process Management control system. All work is performed by factory trained and certified individuals to ensure proper support of your system. The service description, levels of service and service details specific to each customer are defined in each section of this document including the Service Terms and Conditions (Appendix H) for the delivery of these services.

SureService Support Agreement – Payment \$105,443.00
(February 1st, 2017 to January 31st, 2020)

Optional:

Optional Evergreen Workstations \$12,648.00
(In conjunction with the SureService Agreement above)

Binding Agreement: Town of Fort Frances and supplier, intending to be legally bound, have signed this Agreement Contract.

Town of Fort Frances
Public Works Department

Supplier
Lakeside Process Controls

By:

By:

Adam Troeller



Title:

Title:

Process Automation Services Manager

SureService

A Local Business Partner of Emerson Process Management

Training Options

Lakeside Process Controls Ltd. and Emerson Process Management can offer many different solutions to your plants on going personnel training requirements. Any of these can be included with the Service Agreement or addressed separately.

Emerson Certified Courses can be found @

<http://www2.emersonprocess.com/en-US/brands/edservices/automationsystems/DeltaV/Pages/DeltaVTraining.aspx>

DeltaV Courses at Lakeside Process Controls, Mississauga **\$ 4,650 CND**
(Contact Lakeside to for scheduled courses)

Upcoming Instructor led Virtual Classroom courses sitting right at your desk!

- **DeltaV Implementation I, Course 7009V: \$3,525 USD**
This course is for personnel who design, implement, commission and service DeltaV. This 4-1/2 day course covers a complete DeltaV system implementation. Upon completion of this course the student will be able to define system capabilities, define nodes, configure continuous and sequential control strategies, operate the system and define users and security.
- **DeltaV Systems Batch Implementation, Course 7016V: \$3,525 USD**
This course is for personnel responsible for configuring and commissioning DeltaV Batch software. This 4-1/2 day course covers a complete DeltaV batch application. Students will use DeltaV Batch software to configure recipe entities including Aliasing, Equipment Trains, Dynamic Unit Allocation, Phase Logic, Operations and Unit Procedures. Equipment entities will also be configured including Unit Modules and Process cells.
- **DeltaV Implementation II, Course 7017V: \$3,525 USD**
This sequential course is for users that have completed course 7009. This 4-1/2 day course is for process control engineers responsible for configuring the DeltaV system. Advanced topics will be covered including displays, function blocks, and configuration tips.



On Demand Custom Training

Lakeside can custom tailor a site specific training course based on your needs.

- Custom Operator Training
- DeltaV Maintenance and System Administration

(Contact Lakeside for details and pricing)

Emerson Global Users Exchange

Enhancing your automation skills and learning from others' experience are among the best methods for improving plant efficiency and reducing operating costs in a tight capital investment environment. Led by users, for users, this conference is one of the industry's most comprehensive collections of ***user-driven presentations and workshops*** on innovative technology applications, process optimization strategies and investment justification.

<http://www.emersonexchange.org/index.asp>



Terms and Conditions

Lakeside Process Controls Ltd. terms and conditions for sale will apply. (Attached)

This quotation is valid for consideration for 30 days.

Delivery:	Per Agreement
FOB:	NA
Funds:	Canadian
Taxes:	Extra
Payment:	Net 30 Days



Appendix A – Software Warranty Support

Service Description

This support service is the backbone of the Emerson Process Management system life management program. Software Warranty Support is delivered via the Guardian Support service. This service provides the Town of Fort Frances the support and performance enhancements required including both technical contact and support for functional inquiries and problem resolution in addition to the system wide software releases keeping operating, application and component performance at the latest and highest level and ensure maximum system life functionality.

Level of Service

Guardian Support will provide the Town of Fort Frances the following support services and system performance releases:

- Telephone Help support of technical and functional inquiries by Lakeside Process Controls during normal business hours. (7:30 am to 5:30 pm)
- Remote Diagnostics, via customer provided analog phone line or internet connection, during normal business hours. (7:30 am to 5:30 pm)
- System wide software release updates which include both major releases which deliver functional enhancement, performance improvement, new technology support and minor releases which provide new features and issue resolution.
- Technical telephone support from the Emerson Process Management Response Center.
- Biannual System Analysis Reports.
- Guardian Dashboard support website with user configurable content specific to your systems including:
 - Knowledge Base Articles (KBAs) that are matched to system node names and KBA management tools
 - Operating System Security Update management
 - Lifecycle status information listed by node name and Emerson model number
 - System Profile Information

Service Details

Guardian Support will be provided for both the DeltaV control system and AMS if it has been installed with the DeltaV System. For the DeltaV control system Guardian Support is based on the DeltaV ProfessionalPLUS workstation system wide license size and not the individual software or hardware components. For AMS the support is based on the Device Manager Database tag size.

Service Notes:

Telephone or remote diagnostic support related to process applications will be billed according to Appendix F – Support Service Rates and Terms.



Appendix B - Performance & Reliability Maintenance

Service Description

This support service provides the Town of Fort Frances a scheduled program that includes the traditional preventative maintenance services and the more critical performance review, maintenance and planning services required for effective automation solution life management.

Level of Service

Performance Maintenance will provide the Town of Fort Frances a defined number of regularly scheduled On-Site Service visits to perform both traditional preventative and performance maintenance services.

Preventative maintenance includes inspection, adjustment, cleaning, testing, and repair or replacement activities based upon the specific needs of the system according to the appropriate Emerson Process Management and Lakeside Process Controls quality service checklists. Replacement of worn, unserviceable, consumable parts, such as cabinet filters, printer ribbons and batteries will be performed as necessary using customer supplied materials or materials supplied by Lakeside Process Controls at additional cost.

Performance maintenance includes the performance review of key hardware and software components including workstations, networks, controllers, power supplies, historical data collection and configuration databases. The performance review will result in maintenance tasks including configuration and historical database optimization and system Image backups.

The performance review will also document component changes required to effectively enhance the overall operating performance of the installation. These planned changes include workstation, controller or network module upgrades or exchange programs, 3rd party technology impact implementation, etc. and provide the basis for the overall system life management.

All work performed and any parts replaced will be documented in a Service Call Report for customer verification and future reference.

Alarm Management Service

The Performance and Reliability Service includes one System Alarm Management Report. The report provides an evaluation of your alarm's system performance.

Service Details

One (1) scheduled visit is required and provided under this Support Agreement and will be scheduled during regular working hours with travel time and expenses.

Service Notes:

1. Weekend or holiday scheduling can be arranged and will be billed according to Appendix F - Support Service Rates and Terms.



Appendix C - System Upgrade Service

Service Description

This support service provides the Town of Fort Frances with certified support specialists to perform all system revisions and/or upgrades. Revision and Upgrade Installation includes all remote and site services by support specialist to install any releases provided under the Guardian Support service by Emerson Process Management.

Level of Service

Revision and Upgrade Installation service provides the Town of Fort Frances with the following services:

- Pre-installation consultation with system manager, reviewing the state of the system, the implications of any changes, system-wide effects, the installation procedure, and related documentation updates. The extent of this consultation will vary according to the nature of the revision or upgrade. In situations where changes are minor, the consultation may be accomplished by telephone.
- Pre-installation testing of the current system database may be completed to ensure that the new revision or upgrade kit is complete and correct for the target device and that the revision levels of the operating system software and other required third-party software are compatible. This will be completed as the situation requires based on the nature of the upgrade.
- On-Site installation and verification of software or hardware revisions and upgrades.
- A post upgrade visit follow up will be completed to ensure proper operation.
- Telephone assistance for Customer installation of hotfixes or other safety related mandatory updates, where technically feasible

Service Details

One (1) scheduled visit is provided under this Support Agreement and will be scheduled during regular working hours with travel time and expenses included.

Revision and Upgrade installation will be provided for the DeltaV control system and the AMS software if applicable.

The method of installation selected will reflect the most appropriate for the particular situation for both the Customer and Lakeside.

The scheduling of this service will be initiated by Lakeside Process Controls so as to be mutually convenient for both parties.

Service Notes

1. Weekend or holiday scheduling can be arranged and will be billed according to Appendix F - Support Service Rates and Terms.



Appendix D - Support Service Bank

Service Description

The Consolidated Support Service Bank provides the Town of Fort Frances specified support services such as maintenance, configuration, and site assistance. Support services will be logged against the Bank by Lakeside Process Controls and not billed on an individual basis.

Level of Service

Support services that will be applied to the Support Service Bank may include:

- On site preventative maintenance of control system to help maintain operational reliability.
- Configuration services such as controller or console configuration modifications and small additions.
- Site Assistance services including all necessary site involvement to assist during control system installation, check out, commissioning and start-up phases.

Service Details

A **300 hour** service support bank will be provided. Support service time will be compiled against this block to a **maximum of 300** and include both standard "day time" and scheduled "after hours". An additional rate factor will be applied to all services scheduled "after hours" as outlined in Appendix F. Similarly expenses outlined in this Appendix may be converted to equivalent hours and logged against the service bank.

Service Notes

1. Any support services under this service bank must be scheduled in advance with Lakeside.
2. At the end of the agreement period, unused hours, to a maximum of 40, can be applied to the following Support Service Agreement.



Appendix E – PC Evergreen Support (Optional)

Service Description

The PC Evergreen Program provides future replacement of the Town of Fort Frances's DeltaV Workstations and Servers with Emerson tested and approved PC Hardware. This service protects your investment and ensures your technology stays current in a fast changing environment.

Level of Service

This agreement will provide four (4) Workstation Class Machines compatible with Emerson's Software updates supplied under Emerson's Guardian Support.

Please note, peripherals are not covered under this agreement.

PC Hardware Replacement:

<u>Node</u>	<u>Type</u>	<u>Model</u>	<u>Workstation Type</u>	<u>Ser. No.</u>	<u>SW Rev.</u>
	SE2537M99/ SE2806	Precision T5810 Minitower	Dual & Quad-Mon Capable; Two 22-inch Widescreen Monitors		
	SE2537M99/ SE2806	Precision T5810 Minitower	Dual & Quad-Mon Capable; Two 22-inch Widescreen Monitors		
	SE2537M99/ SE2806	Precision T5810 Minitower	Dual & Quad-Mon Capable; Two 22-inch Widescreen Monitors		
	SE2537M99/ SE2806	Precision T5810 Minitower	Dual & Quad-Mon Capable; Two 22-inch Widescreen Monitors		

Service Details

The Town of Fort Frances will be eligible for a PC exchange on June 1, 2018, for all of the machines noted above. A new 30 month period with begin after PCs are exchanged.

If the Town of Fort Frances cancels the agreement all benefits of this program are forfeited.

Upon shipment of the replacement PC, Lakeside will contact Town of Fort Frances to schedule the hardware installation at which time an active service bank account, separate purchase order or change order will be required for all related on-site service labor requested.

The PC Evergreen Program includes acquisition of the hardware only. Non-Emerson software will be loaded at additional cost of time and materials.

Service Notes

Lakeside will provide PC replacement as detailed above and the appropriate DeltaV software installation prior to replacement.



Appendix F - Support Service Rates and Terms

Lakeside Process Controls Ltd. recognizes that support services can vary widely from project to project and from customer to customer. Different levels of services will often be required to support the design, configuration, documentation, installation and start-up of a project as well as ongoing management and maintenance of a process automation solution at existing sites. Lakeside Process Controls Ltd. maintains a staff of experienced systems professionals who are capable of providing the scope of support services required for our customers process automation solutions.

Service Description

Demand Hourly Rate

	<u>Standard</u>	<u>Agreement</u>
Process Automation Engineering and Service Support	\$195	\$125
Process Instrumentation Service Support	Available on Request	N/A

* Plus Travel Time, Living Expenses and applicable Rate Premiums

Terms and Conditions Governing Rates and Travel

Rates for services are subject to the following qualifications:

1. Rates are subject to discount for Service Agreements based upon the scope of services committed under the Service Agreement.
2. Rates are for 8 hours/day, Monday through Friday, between 7:00 A.M. and 6:00 P.M., after 8 hours, a premium of 1.5 times the base rate applies.
3. On Saturday, between 7:00 A.M. and 6:00 P.M., a premium of 1.5 the base rate applies to the first 8 hours and increases to 2.0 times the base rate for any additional hours.
4. All hours on Sunday or Statutory holidays are subject to 2.0 times the base rate.
5. Telephone support or remote troubleshooting services are subject to a minimum billing of ½ hour.
6. Premiums on travel time will be charged on the same basis as actual working time except that a base rate of \$95.00/hour will apply.
7. Daily rates are in addition to transportation, meals and lodging.
8. Meals and lodging will be billed at cost plus 10%.
9. Airfares, car rentals and other public transportation will be billed at cost based on actual point of origin.
10. Travel by company or personal automobile will be billed at \$ 0.95/kilometre.



Appendix G – Customer Support Assessment

Outlined below is a summary of the products and services included in the 3-Year SureService Agreement provided by Lakeside Process Controls to the Town of Fort Frances. They are:

1. Software Warranty Support
2. Business Hours Technical Support
3. Emerson's Guardian Support (latest DeltaV software released by Emerson)
4. Preventative Maintenance
5. One (1) System Alarm Management Report (provides an evaluation of Town of Fort Frances's alarm system performance)
6. System Software Upgrade, Installation, and Setup of Emerson's Guardian Support Software
7. 100-hours per year of Support Service (Configuration, Training, Troubleshooting, etc)
8. Preferential Support Service Rates (\$125.00 per hour versus \$195.00 per hour)

Optional:

1. Workstation Evergreen Support (replacement of existing four workstations)

Other SureService Services and Products Available Upon Request:

1. Emergency 24-Hour Telephone Support
2. Emergency On-site Response
3. DeltaV Hardware Warranty
4. DeltaV Spares Support (Lakeside dedicated inventory to support Town of Fort Frances)

Appendix H - Service Terms and Conditions

These terms and conditions, the attendant quotation or acknowledgement, and all documents incorporated by reference therein, bind the company(s) which issues the quotation or acknowledgement for the provision of services and the sale of goods to be provided by **Lakeside Process Controls Ltd.** (hereinafter referred to as "Lakeside") and the buyer (hereinafter referred to as the "Customer") and constitute the entire agreement between Customer and Lakeside regarding such sale or service.

Definitions

- 1.1 "Service(s)" - shall mean the customer support solution service(s) to be provided by Lakeside as set out in quotation or acknowledgement.
- 1.2 "Equipment" - shall mean the machinery, apparatus, materials and things (not including Programs) as set out in quotation or acknowledgement.
- 1.3 "Programs" - shall mean computer programs in any medium, software, firmware and software/firmware combinations, as set out in quotation or acknowledgement, to be covered by the Service(s) together with associated instruction manuals and documentation.
- 1.4 "System" - shall mean, if applicable, the combination of Equipment and Programs.
- 1.5 "Spares" - shall mean, if applicable, spare parts for the Equipment to be supplied by Lakeside under the quotation or acknowledgement.
- 1.6 "Exchange Replacement" shall mean an item of Spares supplied by Lakeside on the basis that the faulty item to be replaced will be returned by the Customer and title therein will revert to Lakeside.
- 1.7 "Specialist(s)" shall mean Lakeside's trained customer support personnel who will perform the Services.

Start Date and Term

- 2.1 Each of the Services included in quotation or acknowledgement, shall commence on the date

set out in the Agreement and continue for the period so specified for each service.

Scope of Work and Time for Performance

- 3.1 Lakeside shall carry out at the times and on the dates agreed the Service(s) set out in quotation or acknowledgement, provided that all use and storage of the Equipment and Programs by the Customer is conducted in a manner prescribed by Lakeside for that Equipment or Program.
- 3.2 All time periods specified in the quotation or acknowledgement for performance of the Service are best estimates, based on information available. Lakeside shall not be liable for damages or economic loss of any kind resulting from delay in performance.
- 3.3 Lakeside reserves the right to exclude Services for Equipment and/or Programs which have been subjected to misuse, negligence, accidental damage or unauthorized modification, repair, maintenance or relocation.
- 3.4 Lakeside also reserves the right to discontinue Services for Equipment and/or Programs, which have been modified by a third party without Lakeside's prior written approval.

Price, Payment Terms and Title

- 4.1 Specified in the quotation or acknowledgement, the Customer shall pay to Lakeside all fixed charges. Other charges, as may be noted in the quotation or acknowledgement, shall be invoiced following completion of the relevant activity. All payments become due and payable in lawful money of Canada at Lakeside's office within thirty (30) days of the date of the invoice.
- 4.2 Invoice amounts may be calculated assuming an exemption from taxes but without prejudice to Lakeside's right to charge buyer taxes at any time subsequently, should the taxing authorities determine that the Services sold are taxable.

Force Majeure

- 5.1 The Agreement (other than the Customer's obligation to pay all sums due to Lakeside in

accordance with the Agreement) may be suspended, without liability, in the event and to the extent that its performance is prevented or delayed caused by fire, strikes, trade disputes, floods, accidents, embargoes, delays in transportation, shortages of materials and/or labour, action by federal or local government or its agencies and any other cause beyond control of Lakeside.

- 5.2 If performance of the Agreement or any part thereof is suspended by reason of this Clause 5 for more than 180 consecutive calendar days, either party may cancel the then unperformed portion of the Agreement by notice in writing given to the other party, without liability.

Availability of Equipment and Programs

- 7.1 Access to and availability of the Equipment, Programs and, where applicable, any spare parts held by the Customer shall be granted to Lakeside's personnel to enable the Service(s) to be carried out. Copies of documentation, site logs etc. shall be made available on request.

Replacement/Repair of Defective Parts

- 7.1 Except for items under warranty (whether under this Agreement or under the original Agreement and/or license agreement covering the supply of the Equipment and Programs) or unless otherwise stated in the relevant quotation or acknowledgement, the cost of repair or replacement of defective items shall be to the Customer's account. All items, which have been replaced, revert to Lakeside's ownership.
- 7.2 The prices charged for repair or replacement under sub-clause 7.1 shall be as specified in the quotation or acknowledgement or otherwise as shall prevail at the time of repair or replacement.
- 7.3 At Lakeside's option, an Exchange Replacement may not be new but shall be always fully tested, serviceable and to an equivalent standard to the item replaced.

Safety Requirements

- 8.1 The Customer shall take all reasonable precautions to ensure the health and safety of

the Specialist(s) whilst on the Customer's premises. Unless otherwise agreed, a representative of the Customer shall accompany the Specialist(s) at all times during the Services.

- 8.2 Lakeside undertakes to comply with the Customer's site safety regulations, provided such regulations are notified to and agreed with Lakeside in advance. Where agreed, the regulations shall be appended to the quotation or acknowledgement.
- 8.3 The Customer shall make available free of charge any safety clothing, and equipment that may be necessary y. The Specialists will however already be equipped with a safety helmet and safety boots.

Site Medical Facilities

- 9.1 In the event of an accident or emergency, the Customer's site medical facilities shall be freely available to visiting personnel of Lakeside.

Warranty

- 10.1 Lakeside warrants that it shall exercise reasonable skill, care and diligence in the performance of work under the Agreement and carry out the Service(s) in accordance with good engineering and/or professional practice, and that it shall correct any non-conforming work performed, provided that the Customer notifies Lakeside in writing of such non-conforming work within a period of 3 calendar months following completion of the work in question.
- 10.2 Subject to the other provisions of the Agreement, Lakeside warrants a) good title to and unencumbered use of Spares for which the Customer has paid in full and b) that Spares manufactured by Lakeside shall conform with Lakeside's specifications therefore and be free of defects. Lakeside will make good by repair or at Lakeside's option by the supply of a replacement part or parts, any non-conforming condition which, under proper use, care and maintenance, appear in Spares of its own manufacture within 3 calendar months after dispatch and which arise solely from faulty materials or workmanship and not through fair wear and tear.

SURESERVICE™

10.3 Services provided by third parties in accordance with Clause 13.2 hereof or Spares manufactured by third parties shall carry only the warranty extended by that third party.

10.4 Except as above stated, Lakeside makes no representation or warranty of any kind with respect to the Services or Spares, and all other representations, warranties, conditions and liabilities, express or implied, by statute, common law or otherwise, are hereby excluded.

Limitation of Liability

11.1 Lakeside's liability shall not exceed the Agreement price and Lakeside shall not be liable for any special or consequential damages, or economic loss.

Cancellation

12.1 Cancellation of Agreement, in part or in whole, may only be made with prior approval by Lakeside and such cancellation shall be subject to cancellation charges in such amounts as may be determined by Lakeside at the time of such cancellation.

Assignment and Sub-Contracting

13.1 Neither party shall assign or transfer in whole or in part, the Agreement or any of its rights herein without the prior written consent of the other party.

13.2 Where a Service is identified as relating to Equipment and/or Programs manufactured or provided by a third party, Lakeside reserves the right to have the Service performed by that third party acting as a sub-contractor to Lakeside. Such a Service will only cover the Equipment and/or Programs manufactured or provided by that third party.

Point of Contact

14.1 The point of contact with Lakeside for all queries and/or requests relating to the Services, including those Services, which may be performed by a sub-contractor, is shown in quotation or acknowledgement.

Remote Diagnostic Services

15.1 If Service(s) are to include the provision of remote diagnostic services, then Lakeside shall potentially have on-line, real time access to Customer's processes. Notwithstanding any warranties contained herein, Customer accepts responsibility for all consequences of the access granted to conduct such Service(s) and shall defend and indemnify Lakeside from and against all actions, claims, damages and expense arising out of or relating to thereto.

Miscellaneous

16.1 No waiver by either party with respect to any breach or default or of any right or remedy and no course of dealing, shall be deemed to constitute a continuing waiver of any other breach or default or of any other right or remedy, unless such waiver be expressed in writing and signed by the party to be bound.

16.2 If any clause, sub-clause or other provision of the Agreement is invalid under any statute or rule of law, such provision, to that extent only, shall be deemed to be omitted without affecting the validity of the remainder of the Agreement.

16.3 The headings to the Clauses and paragraphs of this Agreement are for guidance only and shall not affect the interpretation thereof.

16.4 This Agreement is to be construed according to the laws of Ontario. This document constitutes Lakeside's entire expressed offer to customer to supply the Services described herein, and shall be deemed to be accepted unless Customer advises Lakeside in writing to the contrary

End of Proposal

January 30, 2017

Report To: Mayor and Council

From: Travis Rob, Manager of Operations & Facilities

RE: Renewal of Bearskin Annual Lease and Melaire Ltd. 5 year hangar lease

Please find attached a report prepared by Tom Batiuk, Airport Supervisor, outlining the annual lease agreement Bearskin Lake Air Service LP for counter and storage space within the terminal building. The lease agreement is required to be executed by the Corporation at this time. The rates in the lease agreement reflect a 1.2% increase for counter space.

The hangar lot lease agreement is for a 25-year term with the lease rate to be renegotiated every five (5) years. The original hangar land lot agreement with Melaire Ltd. commenced on June 1st, 2002 and May 15, 1987 respectively. The renewal would commence starting November 1, 2016 to October 31, 2021. The existing 2016 rate for land lease for commercial hangar is \$ 2.64 per square metre. Melaire Ltd's lot is 671 square metres in size.

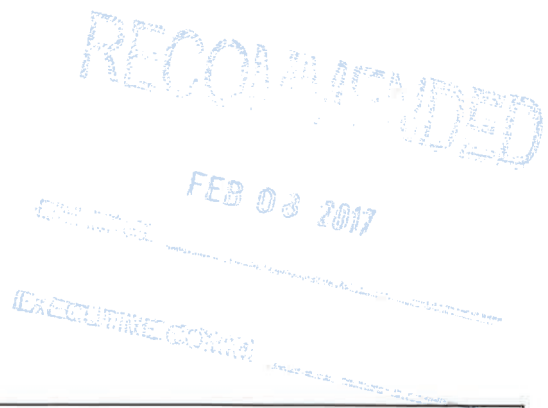
The Operations & Facilities Executive Committee recommends the following:

- 1) That the lease agreements with Bearskin Lake Air Service LP and Melaire Ltd. be executed.
- 2) That the Mayor and Clerk be authorized to execute the lease agreements on behalf of the Corporation.

Respectfully Submitted



Travis Rob, EIT
Manager of Operations & Facilities



Council Approval of this report will agree with the recommendations of the Operations & Facilities Executive Committee being:

- 1) That the lease agreements with Bearskin Lake Air Service LP and Melaire Ltd. be executed.
- 2) That the Mayor and Clerk be authorized to execute the lease agreements on behalf of the Corporation.



2017-01-23

To: Travis Rob

From: Tom Batiuk

Re: lease agreement Renewal for Bearskin Airlines annual lease and Melaire LTD lease renewal.

Please see attached Lease renewal documents for Bearskin Airlines. Set to commence January 1st, 2017 to December 31st 2017. Also please see attached Renewal for Melaire LTD. Their lease commenced on November 1st, 2016 and is due to expire on October 31st, 2021. Please forward these documents to Town Council at their next regular meeting for approval and execution with my recommendation.

Kind Regards,

A handwritten signature in black ink, appearing to read 'Tom Batiuk', with a large, stylized flourish at the end.

Tom Batiuk
Airport Supervisor



1475 West Walsh Street
Thunder Bay, ON P7E 4X6
Telephone – 807 577 1141
Fax – 807 474 2645

January 17th, 2017

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

Attention: Tom Batiuk, Airport Supervisor

Dear Sir

Attached please find two copies of the Lease between The Corporation of the Town of Fort Frances and Bearskin Lake Air Service LP, which have been executed on behalf of Bearskin.

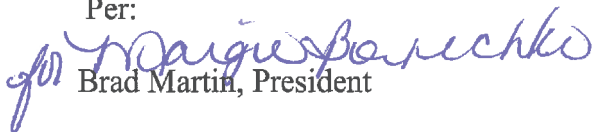
Once the Lease has been executed on behalf of the Town of Fort Frances, we request that you provide our office with one duly executed copy of the Lease.

We trust this is what you require at this time. Should you have any questions, please do not hesitate to contact the undersigned at 807 474 2635.

Yours truly,

BEARSKIN LAKE AIR SERVICE LP

Per:


Brad Martin, President

/mb
Enclosure

February 6, 2017

Report To: Mayor & Council

From: Travis Rob, Manager Operations & Facilities

SUBJECT: Report No. 2 - Establishing the 2017 Water & Sewer Rates - Revised

Further to Report No.1 – Establishing 2017 Water & Sewer Rates - Revised which was handed out at the Special Council meeting on January 16, 2017. Administration received some direction at the January 18, 2017 meeting of the Operations and Facilities Executive Committee, as a result three rate scenarios have been prepared for review at the next Budget Meeting scheduled for February 6, 2016.

The forecasted revenue for 2016 was set at \$5,003,029.83 where the actual revenue was \$5,078,013.46 as of January 14, 2017.

In 2017 the forecasted revenue will increase by \$126,038 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.

The following 3 rate scenarios were proposed for Consideration;

- 1) Scenario No. 1 - Using 2.5% rate increase to all 2016 rates - See Scenario No 1 under spreadsheet No. 1 highlighted in “light green” – columns 10 to 13;
 - 2.5% rate increase for flat rate residential customers - from \$909.20 per year in 2016 to \$931.93 in 2017 or an increase of \$22.73 per year or \$1.89 per month.
 - Non-residential customer's volumetric rate increased by 2.5 % or from \$5.21 per cu. meter in 2016 to \$5.34 per cu. meter in 2016.
 - Volumetric rate set at \$3.01 per cu. meter or 2.5 % increase for the I/C class and \$3.46 per cu. meter or 2.5% increase for the institutional customers.
 - 2.5 % increase to ICI minimum monthly rate from \$1,224.38 per year in 2016 to \$1254.99 per year in 2017 for an increase of \$30.61 per year or \$2.55 per month.
 - 2.5% increase to fire hydrants & sprinklers
 - An additional **\$143,956.86** in revenue is to be collected compared to the 2016 forecasted revenue which results in a shortfall of \$8271.04 from the forecasted revenue of \$5,131,124 given the forecasted 2017 consumption.

2) Scenario No. 2 - Using 3.0% rate increase to all 2016 rates - See Scenario No 2 under spreadsheet No. 1 highlighted in "light blue" – columns 15 to 18;

- 3.0% rate increase for flat rate residential customers - from \$909.20 per year in 2016 to \$936.48 in 2017 or an increase of \$27.28 per year or \$2.27 per month.
- Non-residential customer's volumetric rate increased by 3.00 % or from \$5.21 per cu. meter in 2016 to \$5.37 per cu. meter in 2017.
- Volumetric rate set at \$ 3.02 per cu. meter or 3.00 % increase for the I/C class and \$ 3.48 per cu. meter or 3.00% increase for the institutional customers.
- 3.0 % increase to ICI minimum monthly rate from \$1,224.38 per year in 2016 to \$1,261.11 per year in 2017 for an increase of \$36.73 per year or \$3.06 per month.
- 3% increase to fire hydrants & sprinklers
- An additional **\$168,932.40** in revenue is to be collected compared to the 2016 forecasted revenue which is \$16,594.94 higher than the targeted revenue of \$5,131,124.

3) Scenario No. 3 – 2.0% for residential and non-residential with all ICI rates increased to match the revenue of scenario 2. Scenario No 3 under spreadsheet No. 1 highlighted in "red" – columns 20 to 23;

- 2.0% rate increase for flat rate residential customers - from \$909.20. per year in 2016 to \$927.39 in 2017 or an increase of \$18.19 per year or \$1.51 per month.
- Non-residential customer's volumetric rate increased by 2.0 % or from \$5.21 per cu. meter in 2016 to \$5.32 per cu. meter in 2017.
- Volumetric rate set at \$3.13 per cu. meter or 6.47 % increase for the I/C class and \$3.60 per cu. meter or 6.47% increase for the institutional customers.
- 6.47 % increase to ICI minimum monthly rate from \$1,224.38 per year in 2016 to \$1,303.62 per year in 2017 for an increase of \$79.24 per year or \$6.60 per month.
- 6.47% increase to fire hydrants & sprinklers
- An additional **\$168,932.40** in revenue is to be collected compared to the 2016 forecasted revenue which is \$16,594.94 higher than the targeted revenue of \$5,131,124.

None of the rate scenarios discussed at the January 18, 2017 Operations and Facilities Executive Committee met the revenue requirements as outlined in the Financial Plan. As a result a fourth scenario was ran matching the required revenue of \$5,131,124.00. This scenario is detailed below.

4) Scenario No. 4 – 2.71% increase to all rates to meet the revenue outlined in the financial plan. Scenario No 4 under spreadsheet No. 1 highlighted in “orange” – columns 25 to 28;

- 2.71% rate increase for flat rate residential customers - from \$909.20. per year in 2016 to \$933.82 in 2017 or an increase of \$24.62 per year or \$2.05 per month.
- Non-residential customer’s volumetric rate increased by 2.71 % or from \$5.21 per cu. meter in 2016 to \$5.35 per cu. meter in 2017.
- Volumetric rate set at \$3.01 per cu. meter or 2.71 % increase for the I/C class and \$3.47 per cu. meter or 2.71% increase for the institutional customers.
- 2.71% increase to ICI minimum monthly rate from \$1,224.38 per year in 2016 to \$1,257.54 per year in 2017 for an increase of \$33.16 per year or \$2.76 per month.
- 2.71% increase to fire hydrants & sprinklers
- An additional **\$152,279.33** in revenue is to be collected compared to the 2016 forecasted revenue based on 2017 forecasted consumptions.

All flat rates and will be rounded to the nearest \$1.00 or \$0.05 taking into account the removal of the penny from circulation.

Additional spreadsheets are attached to assist Council in providing administration with direction on establishing the 2017 water and sewer rates;

1) 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 \$4.04. The actual cost of producing and treating a cubic meter of water in 2016 as of January 10, 2017 is \$3.92 where the actual cost per cubic meter will be adjusted during the year-end audit process.

2) Spreadsheet No. 3 shows the 2016 actual ICI water meter customer consumption & the 2017 forecasted revenue for each ICI water meter customer under all three scenarios

It is suggested that the information contained in this report be discussed in detail at the next O & F executive committee meeting scheduled for Wednesday February 8, 2016 in order to establish the 2017 water and sewer rates prior to the first billing cycle which is set for the first week in March.

The O & F executive committee recommends that the rate increases outlined in scenario No. 4 on spreadsheet No. 1 be the preferred scenario and the following 2017 rates be approved.

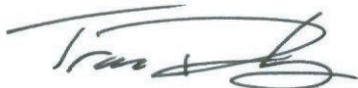
5.0	Water & Sewer User Rates - Effective January 1, 2017				
5.1	Water User Rates - Monthly				
	5.1.1	Flat Residential including Churches & Places of Worship (un-metered)		40.25	
	5.1.2	Metered Non-Residential		2.77	Cu Meter
	5.1.3	Flat Industry/Commercial/Institutional (ICI) (un-metered) and/or		54.20	
		Minimum Bill for metered ICI accounts			
		5.1.3.1	10 cu. meters included in the minimum monthly bill for ICI		
	5.1.4	Metered - Industry/Commercial		1.51	Cu Meter
	5.1.5	Metered - Institutional		1.75	Cu Meter
	5.1.6	Private (Re: Dedicated) Hydrants		53.10	Per Unit
	5.1.7	Private Sprinkler System		16.65	Per Unit
	5.1.8	Sale of Water from Fire Hydrant		26.14	Cu Meter
	5.1.9	Water Meter Replacement			
		5.1.9.1	¾ inch or 20 mm diameter water meter	3.00	Per meter
		5.1.9.2	1 inch or 25.4 mm diameter water meter	3.25	Per meter
		5.1.9.3	1.5 inch or 38.1 mm diameter water meter	5.00	Per meter
		5.1.9.4	2 inch or 50.8 mm diameter water meter	15.00	Per meter
		5.1.9.5	3 inch or 76.2 mm diameter water meter	17.00	Per meter
		5.1.9.6	4 inch or 101.6 mm diameter water meter	22.50	Per meter
		5.1.9.7	6 inch or 152.4 mm diameter water meter	42.00	Per meter
		5.1.9.8	10 inch or 254 mm diameter water meter	70.00	Per meter
5.2	Sewer User Rates - Monthly				
	5.2.1	Flat Residential including Churches & Places of Worship (un-metered)		37.55	

	5.2.2	Flat Industry/Commercial/Institutional (ICI) (un-metered) and/or	37.55	
		Minimum Bill for metered ICI accounts	50.60	
	5.2.2.1	10 cu. meters included in the minimum monthly bill for ICI		
	5.2.3	Metered Non-Resident	2.58	Cu meter
	5.2.5	Metered - Industry/Commercial	1.50	Cu meter
	5.2.6	Metered - Institutional	1.72	Cu meter
5.3	Minimum Rate to Unplug Blockage in Sanitary Sewer Line			
	5.3.1	During regular business hours (7:30 a.m. to 4:00 p.m. Monday thru Friday)	25.50	
	5.3.2	Overtime Hours	38.00	
	5.3.3	Statutory Holiday	50.50	

Highlighted Key

No discussion at the January 18, 2017 O & F executive committee meeting-proposal 3% over 2016 rate

Respectfully submitted,



Travis Rob, EIT
Manager of Operations & Facilities

Council approval of this report will ensure that scenario No. 4 on spreadsheet No 1 is accepted and the following 2017 Water & Sewer rates be approved;

5.0	Water & Sewer User Rates - Effective January 1, 2017			
5.1	Water User Rates - Monthly			
	5.1.1	Flat Residential including Churches & Places of Worship (un-metered)	40.25	
	5.1.2	Metered Non-Residential	2.77	Cu Meter
	5.1.3	Flat Industry/Commercial/Institutional (ICI) (un-metered) and/or	54.20	
		Minimum Bill for metered ICI accounts		
	5.1.3.1	10 cu. meters included in the minimum monthly bill for ICI		

	5.1.4	Metered - Industry/Commercial	1.51	Cu Meter
	5.1.5	Metered - Institutional	1.75	Cu Meter
	5.1.6	Private (Re: Dedicated) Hydrants	53.10	Per Unit
	5.1.7	Private Sprinkler System	16.65	Per Unit
	5.1.8	Sale of Water from Fire Hydrant	26.14	Cu Meter
	5.1.9	Water Meter Replacement		
	5.1.9.1	¾ inch or 20 mm diameter water meter	3.00	Per meter
	5.1.9.2	1 inch or 25.4 mm diameter water meter	3.25	Per meter
	5.1.9.3	1.5 inch or 38.1 mm diameter water meter	5.00	Per meter
	5.1.9.4	2 inch or 50.8 mm diameter water meter	15.00	Per meter
	5.1.9.5	3 inch or 76.2 mm diameter water meter	17.00	Per meter
	5.1.9.6	4 inch or 101.6 mm diameter water meter	22.50	Per meter
	5.1.9.7	6 inch or 152.4 mm diameter water meter	42.00	Per meter
	5.1.9.8	10 inch or 254 mm diameter water meter	70.00	Per meter
5.2	Sewer User Rates - Monthly			
	5.2.1	Flat Residential including Churches & Places of Worship (un-metered)	37.55	
	5.2.2	Flat Industry/Commercial/Institutional (ICI) (un-metered) and/or	37.55	
		Minimum Bill for metered ICI accounts	50.60	
	5.2.2.1	10 cu. meters included in the minimum monthly bill for ICI		
	5.2.3	Metered Non-Resident	2.58	Cu meter
	5.2.5	Metered - Industry/Commercial	1.50	Cu

				meter
	5.2.6	Metered - Institutional	1.72	Cu meter
5.3	Minimum Rate to Unplug Blockage in Sanitary Sewer Line			
	5.3.1	During regular business hours (7:30 a.m. to 4:00 p.m. Monday thru Friday)	25.50	
	5.3.2	Overtime Hours	38.00	
	5.3.3	Statutory Holiday	50.50	

2017Janreport2waterandsewerratesfor2017

[illegible]

	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	Budgeted Difference	Budgeted Difference
			31-Dec-15		31-Dec-16			
Water System								
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
Total Revenue	(\$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	\$1,481,383	\$1,580,084	(\$137,928)	(\$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	\$121,813	\$155,186	(\$27,493)	\$5,880
Water Meter Maintenance	\$27,042	\$28,263	\$15,253	\$12,990	\$17,469	\$20,843	\$4,479	\$7,653
Water Distribution System Maintenance	\$206,134	\$358,623	\$218,639	\$219,608	\$228,249	\$234,197	\$8,641	\$14,589
Water Treatment Plant	\$465,001	\$490,815	\$507,733	\$539,113	\$527,760	\$555,087	(\$11,354)	\$15,973
Water Storage Facility (Tower)	\$110,110	\$122,249	\$112,145	\$130,357	\$108,913	\$124,105	(\$21,444)	(\$6,252)
S/T - all operating expenditures	\$1,302,880	\$2,185,584	\$2,600,805	\$2,670,685	\$2,485,586	\$2,669,302	(\$185,099)	(\$1,384)
Total Capital Budget				\$2,436,031				
Reserves Used for Financing Capital				\$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	\$2.14		(\$0)	
Projected Reserves as of December 31, 2014 & 2015		\$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
Total revenue	(\$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	\$1,293,535	\$1,245,920	\$85,387	\$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	\$1,414,457	\$1,334,556	\$83,982	\$4,080
Sewer mains	\$295,606	\$170,590	\$176,458	\$239,243	\$156,528	\$240,371	(\$82,715)	\$1,128
Service Connections	\$95,809	\$109,276	\$76,726	\$112,150	\$87,997	\$105,893	(\$24,153)	(\$6,257)
Sewage Treatment Plant	\$699,768	\$705,572	\$742,617	\$748,247	\$755,675	\$755,295	\$7,428	\$7,049
S/T - all operating expenditures	\$2,008,730	\$2,617,299	\$2,633,956	\$2,430,115	\$2,414,657	\$2,436,115	(\$15,457)	\$6,000
Total Capital Budget				\$2,835,728				\$910,558
Reserves Used for Financing Capital				\$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	\$2.08		(\$0.08)	\$0
Projected Reserves as of December 31, 2014 & 2015		\$3,486,597					\$1,580,815.18	\$366,044
Cost per cubic with 2014 Emergency Flood expnditures removed		\$1.42	\$1.89					

Summary - Water & Sewer

Total revenue	(\$4,897,066)	(\$5,610,133)	(\$5,297,371)	(\$5,100,800)	(\$5,204,775)	(\$5,105,054)	(\$103,974)	(\$4,254)
Operating Budget	\$3,311,611	\$4,802,883	\$5,234,761	\$5,100,800	\$4,900,243	\$5,105,417	(\$200,557)	\$4,617
Capital Budget		\$0.00	\$0.00	\$5,271,759.03	\$0.00	\$0.00	(\$5,271,759)	(\$5,271,759)
Total cost for water & sewer per cu. meter	\$2.79	\$3.53	\$4.32	\$4.24	\$4.21		(\$0)	(\$4)
Reserves Used for Financing Capital		\$0		\$2,906,215			(\$2,906,215)	(\$2,906,215)
Projected Reserves as of December 31, 2014 & 2015		\$6,973,193					\$0	\$0
Total revenue- subtracting 2014 Emergency Flood Revenue			(\$4,982,212.02)		(\$5,174,968.51)		(\$1,514)	
Operating Budget- subtracting 2014 Emergency Flood Expenditures								
	\$4,151,513	\$4,891,092			\$4,556,575		(\$89,606)	
Cost per cubic with 2014 Emergency Flood expenditures/revenue removed		\$3.05	\$4.04		\$3.92			

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

Scenario 1													Scenario 2				Scenario 3				Scenario 4																																																																																																																																																																																																																																																																																																																																																																						
Installation Date	Meter Size	Name	Nov/Dec Gallons	*Reading	*Reading	*Reading	*Reading	*Reading	*Reading	*Reading	*Reading	*Reading	2016	2016 to 2017		2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate	2016 to 2017 % increase	2017 Annual Rate	2017 Annual Rate

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

Company	Meters	Installation Date	Scenario 1												Scenario 2		Scenario 3		Scenario 4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
			2016						2016						2016 to 2017	2017	2016 to 2017	2017	2016 to 2017	2017																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
			Nov/Dec	Sep/Oct	Jul/Aug	May/Jun	Mar/Apr	Jan/Feb	Total	M3	Water Revenue	\$m/3	2016 to 2017	2017	2016 to 2017	2017	2016 to 2017	2017	2016 to 2017	2017																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
70	34"	2012	64	70	83	46	31	324	334	325	\$1,852.22	\$5.55	\$1,899.13	2.98%	\$	1,907.39	2.98%	\$	1,927.47	2.73%	\$	1,902.75	0.63%	\$	1,874.34	0.43%	\$	1,863.94	0.3%	\$	1,850.21	0.7%	\$	1,837.04	0.7%	\$	1,824.34	0.7%	\$	1,811.64	0.7%	\$	1,799.13	0.7%	\$	1,786.64	0.7%	\$	1,774.15	0.7%	\$	1,761.66	0.7%	\$	1,749.17	0.7%	\$	1,736.68	0.7%	\$	1,724.19	0.7%	\$	1,711.70	0.7%	\$	1,699.21	0.7%	\$	1,686.72	0.7%	\$	1,674.23	0.7%	\$	1,661.74	0.7%	\$	1,649.25	0.7%	\$	1,636.76	0.7%	\$	1,624.27	0.7%	\$	1,611.78	0.7%	\$	1,599.29	0.7%	\$	1,586.80	0.7%	\$	1,574.31	0.7%	\$	1,561.82	0.7%	\$	1,549.33	0.7%	\$	1,536.84	0.7%	\$	1,524.35	0.7%	\$	1,511.86	0.7%	\$	1,499.37	0.7%	\$	1,486.88	0.7%	\$	1,474.39	0.7%	\$	1,461.90	0.7%	\$	1,449.41	0.7%	\$	1,436.92	0.7%	\$	1,424.43	0.7%	\$	1,411.94	0.7%	\$	1,399.45	0.7%	\$	1,386.96	0.7%	\$	1,374.47	0.7%	\$	1,361.98	0.7%	\$	1,349.49	0.7%	\$	1,337.00	0.7%	\$	1,324.51	0.7%	\$	1,312.02	0.7%	\$	1,299.53	0.7%	\$	1,287.04	0.7%	\$	1,274.55	0.7%	\$	1,262.06	0.7%	\$	1,249.57	0.7%	\$	1,237.08	0.7%	\$	1,224.59	0.7%	\$	1,212.10	0.7%	\$	1,199.61	0.7%	\$	1,187.12	0.7%	\$	1,174.63	0.7%	\$	1,162.14	0.7%	\$	1,149.65	0.7%	\$	1,137.16	0.7%	\$	1,124.67	0.7%	\$	1,112.18	0.7%	\$	1,099.69	0.7%	\$	1,087.20	0.7%	\$	1,074.71	0.7%	\$	1,062.22	0.7%	\$	1,049.73	0.7%	\$	1,037.24	0.7%	\$	1,024.75	0.7%	\$	1,012.26	0.7%	\$	1,000.00	0.7%	\$	987.74	0.7%	\$	975.48	0.7%	\$	963.22	0.7%	\$	950.96	0.7%	\$	938.70	0.7%	\$	926.44	0.7%	\$	914.18	0.7%	\$	901.92	0.7%	\$	889.66	0.7%	\$	877.40	0.7%	\$	865.14	0.7%	\$	852.88	0.7%	\$	840.62	0.7%	\$	828.36	0.7%	\$	816.10	0.7%	\$	803.84	0.7%	\$	791.58	0.7%	\$	779.32	0.7%	\$	767.06	0.7%	\$	754.80	0.7%	\$	742.54	0.7%	\$	730.28	0.7%	\$	718.02	0.7%	\$	705.76	0.7%	\$	693.50	0.7%	\$	681.24	0.7%	\$	668.98	0.7%	\$	656.72	0.7%	\$	644.46	0.7%	\$	632.20	0.7%	\$	619.94	0.7%	\$	607.68	0.7%	\$	595.42	0.7%	\$	583.16	0.7%	\$	570.90	0.7%	\$	558.64	0.7%	\$	546.38	0.7%	\$	534.12	0.7%	\$	521.86	0.7%	\$	509.60	0.7%	\$	497.34	0.7%	\$	485.08	0.7%	\$	472.82	0.7%	\$	460.56	0.7%	\$	448.30	0.7%	\$	436.04	0.7%	\$	423.78	0.7%	\$	411.52	0.7%	\$	399.26	0.7%	\$	387.00	0.7%	\$	374.74	0.7%	\$	362.48	0.7%	\$	350.22	0.7%	\$	337.96	0.7%	\$	325.70	0.7%	\$	313.44	0.7%	\$	301.18	0.7%	\$	288.92	0.7%	\$	276.66	0.7%	\$	264.40	0.7%	\$	252.14	0.7%	\$	239.88	0.7%	\$	227.62	0.7%	\$	215.36	0.7%	\$	203.10	0.7%	\$	190.84	0.7%	\$	178.58	0.7%	\$	166.32	0.7%	\$	154.06	0.7%	\$	141.80	0.7%	\$	129.54	0.7%	\$	117.28	0.7%	\$	105.02	0.7%	\$	92.76	0.7%	\$	80.50	0.7%	\$	68.24	0.7%	\$	55.98	0.7%	\$	43.72	0.7%	\$	31.46	0.7%	\$	19.20	0.7%	\$	6.94	0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%	\$		0.7%

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

Name	Installation												Scenario 1				Scenario 2				Scenario 3				Scenario 4											
	Meter Size		Date		Nov/Dec		Sep/Oct		Jul/Aug		May/June		Mar/Apr		Jan/Feb		Total		M*3		Water Revenue		\$m*3		2016 to 2017		2017		2016 to 2017		2017		2016 to 2017		2017	
	Reading	*Reading	Reading	*Reading	Reading	*Reading	Reading	*Reading	Reading	*Reading	Reading	*Reading	Reading	*Reading	Reading	*Reading	Reading	*Reading	Reading	*Reading	Reading	*Reading	Reading	*Reading	2016 to 2017	2017	2016 to 2017	2017	2016 to 2017	2017	2016 to 2017	2017	2016 to 2017	2017		
Mario's Jewellers Inc.	3/4"	143	15	17	18	19	19	19	19	19	19	19	19	19	19	19	104	104	104	\$1,225.20	\$111.78	2.43%	\$1,254.99	2.93%	\$1,261.11	2.84%	\$1,257.54	2.64%	\$1,257.54	2.64%	\$1,257.54	2.64%	\$1,257.54	2.64%		
William King	3/4"	144	20	13	18	20	14	14	14	14	14	14	14	14	14	14	101	101	101	\$1,242.78	\$123.30	0.96%	\$1,254.99	1.47%	\$1,261.11	1.94%	\$1,257.54	1.19%	\$1,257.54	1.19%	\$1,257.54	1.19%	\$1,257.54	1.19%		
Smith D. & G. Squidson	3/4"	145	16	28	26	20	14	14	14	14	14	14	14	14	14	14	101	101	101	\$1,286.73	\$124.74	-2.47%	\$1,254.99	-1.99%	\$1,261.11	-1.99%	\$1,257.54	-2.27%	\$1,257.54	-2.27%	\$1,257.54	-2.27%	\$1,257.54	-2.27%		
Daryl's Custom Landscaping	3/4"	146	22	15	15	25	15	15	15	15	15	15	15	15	15	15	101	101	101	\$1,231.06	\$121.19	1.94%	\$1,254.99	2.44%	\$1,261.11	3.91%	\$1,257.54	0.24%	\$1,257.54	0.24%	\$1,257.54	0.24%	\$1,257.54	0.24%		
Donald Taylor	3/4"	2004	2,050	5,100	2,900	3,150	2,600	5,900	2,600	5,900	2,600	5,900	2,600	5,900	2,600	5,900	21,700	99	93	\$1,254.52	\$132.24	1.94%	\$1,254.99	2.44%	\$1,261.11	3.91%	\$1,257.54	0.24%	\$1,257.54	0.24%	\$1,257.54	0.24%	\$1,257.54	0.24%		
Dean Capital Investments Meritor Ltd	3/4"	2011	13	13	13	13	14	14	14	14	14	14	14	14	14	14	22	93	93	\$1,231.06	\$132.24	1.94%	\$1,254.99	2.44%	\$1,261.11	3.91%	\$1,257.54	0.24%	\$1,257.54	0.24%	\$1,257.54	0.24%	\$1,257.54	0.24%		
West End Motors	3/4"	2011	15	13	17	12	16	19	12	16	19	12	16	19	12	16	93	92	92	\$1,225.20	\$132.24	2.43%	\$1,254.99	2.93%	\$1,261.11	6.40%	\$1,257.54	2.64%	\$1,257.54	2.64%	\$1,257.54	2.64%	\$1,257.54	2.64%		
1308900 Ontario Ltd	3/4"	2011	8	26	29	8	6	10	6	10	6	10	6	10	6	10	87	87	87	\$1,269.15	\$14.59	-1.12%	\$1,254.99	-0.63%	\$1,261.11	-0.91%	\$1,257.54	-0.91%	\$1,257.54	-0.91%	\$1,257.54	-0.91%	\$1,257.54	-0.91%		
George Armstrong Co. Ltd	3/4"	2005	3,900	5,000	3,250	5,000	2,450	4,050	2,450	4,050	2,450	4,050	2,450	4,050	2,450	4,050	10,050	87	87	\$1,233.20	\$14.24	1.77%	\$1,254.99	2.26%	\$1,261.11	5.71%	\$1,257.54	1.97%	\$1,257.54	1.97%	\$1,257.54	1.97%	\$1,257.54	1.97%		
Senic River Mail Inc	3/4"	2011	3	13	11	15	19	24	18	19	24	18	19	24	18	19	85	85	85	\$1,236.92	\$14.55	1.46%	\$1,254.99	1.96%	\$1,261.11	5.39%	\$1,257.54	1.67%	\$1,257.54	1.67%	\$1,257.54	1.67%	\$1,257.54	1.67%		
1553	3/4"	2011	27	14	23	6	12	6	12	6	12	6	12	6	12	6	84	84	84	\$1,248.47	\$15.76	152.76%	\$1,254.99	154.02%	\$1,261.11	162.58%	\$1,257.54	163.30%	\$1,257.54	163.30%	\$1,257.54	163.30%	\$1,257.54	163.30%		
Hogan Bradley Leo	3/4"	2011	194	11	6	11	6	37	6	11	6	37	6	11	6	37	83	83	83	\$1,275.01	\$15.36	1.57%	\$1,254.99	1.03%	\$1,261.11	2.24%	\$1,257.54	1.37%	\$1,257.54	1.37%	\$1,257.54	1.37%	\$1,257.54	1.37%		
1168007 Ontario Ltd	3/4"	2011	10	12	16	13	12	12	16	13	12	12	16	13	12	12	63	63	63	\$1,225.20	\$14.76	0.92%	\$1,254.99	1.54%	\$1,261.11	2.14%	\$1,257.54	1.94%	\$1,257.54	1.94%	\$1,257.54	1.94%	\$1,257.54	1.94%		
5017 (P. 1600009)	3/4"	2011	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	\$1,225.20	\$14.76	0.92%	\$1,254.99	1.54%	\$1,261.11	2.14%	\$1,257.54	1.94%	\$1,257.54	1.94%	\$1,257.54	1.94%	\$1,257.54	1.94%		
Henry Luke (P. 160009)	3/4"	2006	8,900	8,950	8,950	10	10	10	10	10	10	10	10	10	10	10	17,260	78	78	\$2,020.91	\$6.64	140.92%	\$1,254.99	142.10%	\$1,261.11	160.26%	\$1,257.54	141.41%	\$1,257.54	141.41%	\$1,257.54	141.41%	\$1,257.54	141.41%		
1468180 Ontario Ltd	3/4"	2011	9	10	10	13	15	14	7	11	14	7	11	14	7	11	71	71	71	\$1,225.20	\$17.26	2.43%	\$1,254.99	2.93%	\$1,261.11	6.40%	\$1,257.54	2.64%	\$1,257.54	2.64%	\$1,257.54	2.64%	\$1,257.54	2.64%		
1188710 Ontario Ltd	3/4"	2005	6	6	0	3	24	32	71	32	71	32	71	32	71	32	71	71	71	\$1,272.08	\$17.92	-1.34%	\$1,254.99	-0.86%	\$1,261.11	-1.14%	\$1,257.54	-1.14%	\$1,257.54	-1.14%	\$1,257.54	-1.14%	\$1,257.54	-1.14%		
Dilmars, Robert/Bondina	3/4"	2011	13	15	12	10	10	10	10	10	10	10	10	10	10	10	70	70	70	\$1,225.20	\$17.50	2.43%	\$1,254.99	2.93%	\$1,261.11	6.40%	\$1,257.54	2.64%	\$1,257.54	2.64%	\$1,257.54	2.64%	\$1,257.54	2.64%		
Senic River Mail Inc	3/4"	2011	9	10	11	10	15	14	14	14	14	14	14	14	14	14	69	69	69	\$1,225.20	\$17.76	2.43%	\$1,254.99	2.93%	\$1,261.11	6.40%	\$1,257.54	2.64%	\$1,257.54	2.64%	\$1,257.54	2.64%	\$1,257.54	2.64%		
Barbara Godbout	3/4"	2004	1,350	1,100	5,900	1,650	1,200	4,200	1,650	1,200	4,200	1,650	1,200	4,200	1,650	1,200	68	68	68	\$1,239.87	\$18.18	1.22%	\$1,254.99	1.71%	\$1,261.11	5.14%	\$1,257.54	1.43%	\$1,257.54	1.43%	\$1,257.54	1.43%	\$1,257.54	1.43%		
Bred Hogan Enterprises Ltd	3/4"	2011	14	12	9	11	11	11	11	11	11	11	11	11	11	11	68	68	68	\$1,225.20	\$18.02	2.43%	\$1,254.99	2.93%	\$1,261.11	6.40%	\$1,257.54	2.64%	\$1,257.54	2.64%	\$1,257.54	2.64%	\$1,257.54	2.64%		
B & W Investments	3/4"	2011	14	9	9	11	11	11	11	11	11	11	11	11	11	11	65	65	65	\$1,225.20	\$18.02	2.43%	\$1,254.99	2.93%	\$1,261.11	6.40%	\$1,257.54	2.64%	\$1,257.54	2.64%	\$1,257.54	2.64%	\$1,257.54	2.64%		
Thomson Jack Edward & Maria	3/4"	2011	11	11	9	13	11	11	11	11	11	11	11	11	11	11	66	66	66	\$1,225.20	\$18.56	2.43%	\$1,254.99	2.93%	\$1,261.11	6.40%	\$1,257.54	2.64%	\$1,257.54	2.64%	\$1,257.54	2.64%	\$1,257.54	2.64%		
Douglas Gubertson Trustee	3/4"	2011	10	7	12	8	7	16	6	22	6	22	6	22	6	22	66	66	66	\$1,231.06	\$18.65	1.94%	\$1,254.99	2.44%	\$1,261.11	5.89%	\$1,257.54	2.15%	\$1,257.54	2.15%	\$1,257.54	2.15%	\$1,257.54	2.15%		
CN Rail	3/4"	2004	1,850	2,050	2,550	2,400	2,850	2,400	2,850	2,400	2,850	2,400	2,850	2,400	2,850	2,400	14,300	65	65	\$1,225.20	\$18.65	2.43%	\$1,254.99	2.93%	\$1,261.11	6.40%	\$1,257.54	2.64%	\$1,257.54	2.64%	\$1,257.54	2.64%	\$1,257.54	2.64%		
Melaine Kozi	3/4"	2011	8	10	11	10	10	16	65	65	65	65	65	65	65	65	65	65	65	\$1,225.20	\$18.65	2.43%	\$1,254.99	2.93%	\$1,261.11	6.40%	\$1,257.54	2.64%	\$1,257.54	2.64%	\$1,257.54	2.64%	\$1,257.54	2.64%		
Tom Veert	3/4"	2003	1	0	1	7	41	13	63	42	13	63	42	13	63	42	62	62	62	\$1,286.73	\$20.42	-2.47%	\$1,254.99	-1.99%	\$1,261.11	-2.27%	\$1,257.54	-2.27%	\$1,257.54	-2.27%	\$1,257.54	-2.27%	\$1,257.54	-2.27%		
Bruce Lidea	3/4"	2011	24	14	7	7	6	4	13	6	4	13	6	4	13	6	62	62	62	\$1,236.92	\$19.95	1.46%	\$1,254.99	1.96%	\$1,261.11	5.39%	\$1,257.54	1.67%	\$1,257.54	1.67%	\$1,257.54	1.67%	\$1,257.54	1.67%		
1170	3/4"	2011	170	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	\$1,225.20	\$20.19	1.46%	\$1,254.99	1.96%	\$1,261.11	5.39%	\$1,257.54	1.67%	\$1,257.54	1.67%	\$1,257.54	1.67%	\$1,257.54	1.67%		
648687 P. Canada Inc	3/4"	2004	1,700	1,800	2,200	1,650	2,710	3,390	13,350	61	11	11	11	11	11	11	13,350	61	61	\$1,225.20	\$20.19	1.46%	\$1,254.99	1.96%	\$1,261.11	5.39%	\$1,257.54	1.67%	\$1,257.54	1.67%	\$1,257.54	1.67%	\$1,257.54	1.67%		
172	3/4"	2013	10	0	0	1	3	10	69	59	10	69	59	10	69	59	69	59	59	\$1,234.82	\$20.77	5.27%	\$1,254.99	4.81%	\$1,261.11	6.04%	\$1,257.54	5.08%	\$1,257.54	5.08%	\$1,257.54	5.08%	\$1,257.54	5.08%		
Residue P.P. Canada Inc	1 1/2"	2013	174	0	0	1	3	64	69	59	1	3	64	69	59	69	59	59	59	\$1,324.82	\$22.45	-5.27%	\$1,254.99	-4.81%	\$1,261.11	-6.04%	\$1,257.54	-5.08%	\$1,257.54	-5.08%	\$1,257.54	-5.08%	\$1,257.54	-5.08%		
Patric Jensen Ltd	3/4"	2011	9	8	9	8	9	8	9	8	9	8	9	8	9	8	57	57	57	\$1,225.20	\$21.49	2.43%	\$1,254.99	2.93%	\$1,261.11	6.40%	\$1,257.54	2.64%	\$1,257.54	2.64%	\$1,257.54	2.64%	\$1,257.54	2.64%		
Rainy Lake Plaza	3/4"	2011	9	8	9	8	10	8	13	57	8	13	57	8	13	57	57	57	57	\$1,225.20	\$21.49	2.43%	\$1,254.99	2.93%	\$1,261.11	6.40%	\$1,257.54	2.64%	\$1,257.54	2.64%	\$1,257.54	2.64%	\$1,257.54	2.64%		
Paula Pichia Jensen	3/4"	2011	15	11	7	7	7	7	7	7	7	7	7	7	7	7	55	55	55	\$1,225.20	\$22.28	2.43%	\$1,254.99	2.93%	\$1,261.11	6.40%	\$1,257.54	2.64%	\$1,257.54	2.64%	\$1,257.54	2.64%	\$1,257.54	2.64%		
Senic River Mail Inc	3/4"	2011	11	7	10	13	10	13	55	55	55	55	55	55	55	55	55	55	55	\$1,225.20	\$22.28	2.43%	\$1,254.99	2.93%	\$1,261.11	6.40%	\$1,257.54	2.64%	\$1,257.54	2.64%	\$1,257.54	2.64%	\$1,257.54	2.64%		
Senic River Mail Inc	3/4"	2005	2,050	750	1,200	1,600	2,800	3,100	11,500	52	11	52	11	52	11	52	11	52	52	\$1,225.20	\$23.44	2.43%	\$1,254.99	2.93%	\$1,261.11	6.40%	\$1,257.54	2.64%	\$1,257.54	2.64%	\$1,257.54	2.64%	\$1,257.54			

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

Installation														Scenario 1	
														2016 to 2017	2017
	Name	Meter Size	Date	Nov/Dec	Sep/Oct	Jul/Aug	May/Jun	Mar/Apr	Jan/Feb	Total	M*3	Water Revenue	\$m*3	2016 to 2017	2017
218	Mink & Ivoy Howarth	2"	2013	1,000	500	500	0	0	0	2,000	9	\$945.24	\$103.96	\$3,142.6	\$1,254.99
219	7558292 Corp	3/4"	2013	1	1	1	0	0	0	3	8	\$1,125.20	\$123.16	\$2,172.6	\$1,254.99
219	7558292 Corp	3/4"	2013	1	1	1	0	0	0	3	8	\$1,125.20	\$123.16	\$2,172.6	\$1,254.99
219	Lakewood Tire Ltd	3/4"	2006	1,050	530	0	0	0	0	1,580	7	\$665.69	\$73.19	\$2,431.9	\$1,254.99
220	Salvation Army	3/4"	2004	3	0	0	0	0	0	3	3	\$309.67	\$42.64	\$39.73%	\$1,254.99
221	Norwest Animal Clinic	3/4"	2004	250	350	50	0	0	0	650	3	\$540.11	\$103.22	\$35.27%	\$1,254.99
222	Rosemount Holdings	3/4"	2012	0	0	0	0	0	0	0	2	\$1,225.20	\$612.60	\$24.3%	\$1,254.99
223	Midtown Motel	3/4"	2009	50	0	0	0	0	0	50	0	\$1,225.20	\$5,390.23	\$2.43%	\$1,254.99
224	TCS Investments Ltd	3/4"	2004	0	0	0	0	0	0	0	0	\$816.80	#DIV/0!		\$1,254.99
225	4 High Street Inc	3/4"	2004	-	-	-	-	-	-	0	0	\$1,225.20	#DIV/0!	2.43%	\$1,254.99
226	D. McCoil Transport Ltd	3/4"	2008	-	-	-	-	-	-	0	0	\$1,225.20	#DIV/0!	2.43%	\$1,254.99
227	R. E. Gubeluh Distributing	3/4"	2011	0	0	0	0	0	0	0	0	\$1,225.20	#DIV/0!	2.43%	\$1,254.99
228	Ontario Realty Corp	3/4"	2011	0	0	0	0	0	0	0	0	\$1,225.20	#DIV/0!	2.43%	\$1,254.99
229	Sunrise Country Snow Club	3/4"	2004	0	0	0	0	0	0	0	0	\$1,225.20	#DIV/0!	2.43%	\$1,254.99
230	Resolute FP Canada Inc	3/4"	2011	-	-	-	-	-	-	0	0	\$1,225.20	#DIV/0!	2.43%	\$1,254.99
231	Ryan Mason	3/4"	2004	-	-	-	-	-	-	0	0	-	-	-	-
232	Joseph Dabo	3/4"	2011	-	-	-	-	-	-	0	0	-	-	-	-
233	Resolute FP Canada Inc	3/4"	2011	-	-	-	-	-	-	0	0	-	-	-	-
234	Resolute FP Canada Inc	3/4"	2011	-	-	-	-	-	-	0	0	-	-	-	-
235	Resolute FP Canada Inc	3/4"	2011	-	-	-	-	-	-	0	0	-	-	-	-
236	1016435 Ontario Ltd	3/4"	2011	-	-	-	-	-	-	0	0	\$140.80	-	791.33%	\$1,254.99
237	William Krop	1 1/2"	2008	-	-	-	-	-	-	0	0	-	-	-	-
238	Midtown Motel	1"	2011	-	-	-	-	-	-	0	0	-	-	-	-
239	Resolute FP Canada Inc	3/4"	2013	0	0	0	0	0	0	0	0	\$1,225.20	#DIV/0!	2.43%	\$1,254.99
240	#156841 Ont Ltd	5/8"	1971	-	-	-	-	-	-	0	0	-	-	-	-
241	Rainy Lake Plaza	3/4"	2011	-	-	-	-	-	-	0	0	-	-	-	-
242	Rainy Lake Plaza	3/4"	2011	-	-	-	-	-	-	0	0	-	-	-	-
243	Rainy Lake Plaza	3/4"	2011	-	-	-	-	-	-	0	0	-	-	-	-
244	Town of Fort Frances	3/4"	2011	-	0	0	-	-	-	0	0	\$507.23	#DIV/0!	147.42%	\$1,254.99
245	Fort Frances Community Clinic Inc.	3/4"	2004	-	-	-	-	-	-	0	0	-	-	-	-
246	Sun Gro Horticulture	3/4"	2004	-	-	-	-	-	-	0	0	-	-	-	-
247	Resolute FP Canada Inc	3/4"	2004	-	-	-	-	-	-	0	0	-	-	-	-
248	Resolute FP Canada Inc	1 1/2"	2008	-	-	-	-	-	-	0	0	-	-	-	-
249	Resolute FP Canada Inc	3/4"	2010	-	-	-	-	-	-	0	0	-	-	-	-
250	Resolute FP Canada Inc	2"	2011	0	0	0	0	0	0	0	0	\$1,225.20	#DIV/0!	2.43%	\$1,254.99
Total														2,436%	\$615,025.76

INSTANTANEOUS METERS

1	Riverside Health Care	4"	2012	8,955	9,552	7,605	6,098	6,065	44,590	44,590	93	\$3,40	2.20%	\$155,121.19	
2	Riverside Health Care	4"	2012	5,025	5,026	4,734	4,781	4,748	29,065	29,065	93	\$3,42	2.11%	\$1,404.69	
3	Ontario Realty Corp	2"	2008	1,600	2,769	2,615	2,140	2,105	12,765	12,765	93	\$3,46	1.80%	\$5,406.69	
4	Town of Fort Frances	4"	2011	1,479	1,349	995	645	1,240	7,064	7,064	93	\$3,56	1.36%	\$5,281.23	
5	RR Dist School Board	3"	2012	770	1,040	632	629	713	850	4,634	4,634	\$3,61	0.87%	\$16,734.43	
6	Fort Frances Day Care	2"	2011	625	957	852	714	666	700	4,514	4,514	\$3,62	0.83%	\$16,552.23	
7	Ontario Realty Corp	2"	2007	104,500	101,300	138,300	110,700	114,100	670,100	3,046	\$11,362.09	\$3,73	0.16%	\$11,379.90	
8	Resolute FP Canada Inc	1 1/2"	2013	357	606	638	403	282	333	2,619	2,619	\$9,917.70	\$3,79	-0.16%	\$9,957.63
9	FRFR BD of Education	2"	2004	73,000	80,000	43,000	90,000	68,000	84,500	438,500	1,983	\$7,803.38	\$3,91	-0.85%	\$7,737.03
10	Parks Board	3/4"	1997	0	32	965	866	-	1,883	1,883	93	\$6,750.47	\$3,92	7.93%	\$7,285.77
11	Town of Fort Frances	2"	2009	450	410	290	230	195	285	1,840	1,840	\$7,884.68	\$3,96	-1.08%	\$7,246.71
12	Town of Fort Frances	1 1/2"	2011	108	191	186	263	398	130	1,276	1,276	\$5,378.36	\$4,22	-2.30%	\$5,247.73
13	FRFR BD of Education	3"	2010	215	238	59	230	211	241	1,194	1,194	\$5,101.20	\$4,27	-2.65%	\$4,971.03
14	N.W. Catholic School Bld	2"	2012	231	248	112	198	148	235	1,172	1,172	\$5,026.84	\$4,29	-2.62%	\$4,894.91
15	Riverside Health Care	3/4"	2004	40,500	38,000	28,700	41,800	28,500	29,000	206,500	939	\$4,238.52	\$4,52	-3.55%	\$4,087.86
16	Town of Fort Frances	1 1/2"	2011	189	156	156	156	99	92	759	759	\$3,465.71	\$4,85	8.51%	\$3,385.91
17	The NW Catholic Dist	1"	2013	189	156	156	156	99	92	759	759	\$3,465.71	\$4,89	-4.90%	\$3,303.87
18	Town of Fort Frances	1"	2012	244	-	-	-	0	358	602	602	\$2,350.93	\$3,91	24.32%	\$2,939.47
19	United Native Friendship	3/4"	2011	68	87	82	78	55	188	568	568	\$2,865.32	\$5,26	-6.04%	\$2,805.07
20	Town of Fort Frances	3/4"	2012	321	1	14	0	2	230	568	568	\$3,034.34	\$5,34	-7.56%	\$2,805.07
21	Northwest Catholic Di	1"	2013	84	91	62	84	78	103	503	503	\$2,765.62	\$5,50	-6.71%	\$2,680.17
22	FF Clinic Holdings Ltd	1 1/2"	2012	79	82	75	98	75	80	489	489	\$2,718.30	\$5,56	-6.88%	\$2,631.73
23	Public Works Canada	1"	2011	46	61	45	48	126	163	485	485	\$2,704.78	\$5,58	-6.91%	\$2,517.89
24	F.F. Town Arena	3"	2011	97	159	8	78	86	94	451	451	\$2,892.40	\$5,75	-7.41%	\$2,400.25
25	Ontario Realty Corp	3"	2011	55	68	110	55	54	78	420	420	\$2,485.08	\$5,92	-7.73%	\$2,292.99
26	Metis Ventures Inc.	3/4"	2006	30,450	24,050	15,050	6,600	2,200	2,650	81,000	368	\$2,288.83	\$6,22	-7.64%	\$2,113.85
27	Parks Board	1"	1993	1,700	8,450	26,091	31,889	-	-	68,130	319	\$7,718.23	\$6,32	166.13%	\$1,911.42
28	Town of Fort Frances	3/4"	2003	57	68	54	37	44	38	298	298	\$2,072.72	\$6,96	-9.47%	\$1,970.87
29	Parks Board	3/4"	2003	-	4	150	138	-	-	298	298	\$1,941.26	\$4,68	34.18%	\$1,880.55
30	Riverside Health Care	3/4"	2011	19	79	68	65	33	23	287	287	\$1,977.45	\$6,89	-7.31%	\$1,882.43
31	Ontario Realty Corp	2"	2011	37	32	62	46	41	46	284	284	\$1,977.45	\$6,95	-7.62%	\$1,832.43
32	Public Library	3/4"	2010	5,000	7,500	6,500	5,500	5,500	29,000	60,500	275	\$1,955.96	\$7,15	-8.88%	\$1,791.40
33	RRDSSAB	3/4"	2006	7,300	7,250	6,700	11,850	13,250	12,600	93,950	273	\$1,986.66	\$7,29	-10.26%	\$1,791.92
34	Town of Fort Frances	1 1/2"	2011	187	-	-	-	0	75	262	262	\$1,201.73	\$4,59	45.32%	\$1,755.27

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

Name	Meter Size	Installation Date	Nov/Dec		*Reading	*Reading	*Reading	2016		2016		Scenario 1		Scenario 2		Scenario 3		Scenario 4					
			Nov/Dec	Dec/Jan	*Reading	*Reading	*Reading	2016	2016	2016 to 2017	2016 to 2017	2016 to 2017	2016 to 2017	2016 to 2017	2016 to 2017	2016 to 2017	2016 to 2017	2016 to 2017					
35	3/4"	2007	10,850	9,050	10,200	8,400	8,900	9,800	57,200	260	\$1,944.40	\$7.48	-10.54%	\$1,739.50	-10.08%	\$1,748.42	-7.05%	\$1,807.31	-10.34%	\$1,743.43			
36	3/4"	2012	32	31	33	41	34	39	210	210	\$1,775.28	\$8.48	-11.77%	\$1,568.39	-11.32%	\$1,574.31	-8.33%	\$1,627.35	-11.57%	\$1,569.83			
37	3/4"	2004	4,950	2,900	3,350	4,250	3,850	26,100	45,400	206	\$1,625.19	\$7.87	-4.39%	\$1,553.89	-3.90%	\$1,561.74	-0.67%	\$1,614.36	-4.18%	\$1,567.30			
38	3/4"	2011	43	26	27	34	32	37	199	199	\$1,738.10	\$8.73	-12.07%	\$1,528.33	-11.63%	\$1,536.03	-8.65%	\$1,597.78	-11.88%	\$1,531.66			
39	1 1/2"	2011	6,800	6,500	5,000	7,500	7,000	8,500	41,000	186	\$1,673.13	\$8.98	-11.28%	\$1,484.69	-10.82%	\$1,492.13	-11.07%	\$1,487.89	-11.07%	\$1,487.89			
40	3/4"	2011	39	176	39	78	39	176	39	176	\$840.26	\$5.34	54.00%	\$1,448.75	54.85%	\$1,455.99	60.06%	\$1,540.05	54.41%	\$1,487.89			
41	3/4"	2011	6,200	7,850	1,500	7,800	5,850	7,400	36,600	166	\$1,631.44	\$9.81	-13.24%	\$1,415.48	-12.81%	\$1,422.52	-9.87%	\$1,490.74	-13.05%	\$1,418.48			
42	3/4"	2011	26	23	24	26	24	26	147	147	\$1,500.87	\$9.21	-10.16%	\$1,348.41	-9.71%	\$1,355.07	-6.67%	\$1,400.74	-9.97%	\$1,351.23			
43	1"	2009	4	17	53	49	15	7	145	145	\$1,516.72	\$10.21	-11.55%	\$1,341.49	-11.12%	\$1,348.11	-8.12%	\$1,393.54	-11.37%	\$1,342.29			
44	3/4"	2011	209	21	24	24	24	25	140	140	\$1,429.40	\$10.21	-7.36%	\$1,324.19	-6.90%	\$1,330.71	-7.17%	\$1,376.94	-7.41%	\$1,288.77			
45	3/4"	2011	14	22	24	27	24	18	129	129	\$1,361.94	\$10.79	-7.89%	\$1,286.13	-7.45%	\$1,292.43	-4.02%	\$1,335.99	-4.23%	\$1,284.48			
46	3/4"	2011	18	22	24	22	20	22	127	127	\$1,317.09	\$10.37	-2.88%	\$1,279.21	-2.40%	\$1,285.47	0.89%	\$1,328.80	-2.66%	\$1,281.83			
47	1"	2011	18	33	12	21	18	20	122	122	\$1,320.33	\$10.82	-4.40%	\$1,261.91	-3.96%	\$1,268.07	-0.72%	\$1,310.81	-4.23%	\$1,264.48			
48	3/4"	2007	2,900	2,800	4,450	3,450	5,300	6,400	25,000	115	\$1,341.06	\$11.66	-6.42%	\$1,254.99	-5.96%	\$1,261.11	-2.79%	\$1,303.62	-7.52%	\$1,240.24			
49	3/4"	2012	10	15	33	30	10	8	106	106	\$1,384.90	\$13.07	-9.38%	\$1,254.99	-8.94%	\$1,261.11	-5.87%	\$1,303.62	-12.70%	\$1,208.96			
50	3"	2011	16	14	14	14	14	14	86	86	\$1,225.20	\$14.25	2.43%	\$1,254.99	2.93%	\$1,261.11	6.40%	\$1,339.56	-6.99%	\$1,139.56			
51	3/4"	2011	7	6	8	11	36	11	79	79	\$1,320.26	\$16.71	-4.94%	\$1,254.99	-4.48%	\$1,261.11	-1.28%	\$1,303.62	-15.53%	\$1,116.27			
52	3/4"	2013	-	22	54	-	-	-	76	76	\$926.99	\$6.93	138.14%	\$1,254.99	139.303%	\$1,261.11	147.37%	\$1,104.86	109.66%	\$1,104.86			
53	1"	2011	11	9	11	12	14	17	9	71	\$1,225.20	\$17.26	2.43%	\$1,254.99	2.93%	\$1,261.11	6.40%	\$1,303.62	-11.24%	\$1,087.51			
54	3/4"	2011	0	2	2	25	0	1	60	60	\$1,357.79	\$22.63	-7.57%	\$1,254.99	-7.12%	\$1,261.11	-3.99%	\$1,046.35	-22.72%	\$1,046.35			
55	3/4"	2006	5,080	2,260	1,880	800	1,120	920	12,070	55	\$1,257.26	\$22.91	-0.18%	\$1,254.99	0.31%	\$1,261.11	3.68%	\$1,031.55	-17.95%	\$1,031.55			
56	3/4"	2011	41	-	-	-	-	-	42	42	\$339.23	\$8.08	269.95%	\$1,254.99	271.76%	\$1,261.11	284.28%	\$98.88	180.92%	\$98.88			
57	3/4"	2011	57	8	8	8	7	6	7	36	36	\$997.93	\$27.72	26.76%	\$1,254.99	26.37%	\$1,261.11	30.63%	\$96.07	-3.19%	\$96.07		
58	3/4"	2011	-	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4			
59	3/4"	2011	318,221	321,437	314,531	351,340	281,349	336,907	1,923,785	128,728	\$493,154.91	\$1,254.99	1.54%	\$500,752.87	2.11%	\$503,580.47	5.55%	\$520,521.17	1.34%	\$499,769.84			
Total													2,913	2,913	2,913	2,913	2,913	2,913	2,913	2,913	2,913	2,913	
Grandtotal													260,371	260,371	260,371	260,371	260,371	260,371	260,371	260,371	260,371	260,371	260,371

February 6, 2016

Report To: Mayor and Council

From: Travis Rob, Manager of Operations & Facilities

RE: Award of Tender 16-OF-14 - Purchase of a Tracked Compact Tractor and Seven Attachments

In the 2016 Capital Budget council approved the purchase of a compact tracked loader for the replacement of the 1989 Bobcat in the Operations and Facilities Division. Attached is a report from Milt Strachan, Transportation Superintendent outlining the bids received. There were 5 bids received whereby only two were compliant. Below table summarises the results.

Firm	Unit (Make/Model)	# of Deficiencies	Tender Price	Town's Portion HST	Total Town Cost
Dave Goodman Automotive	Kubota SVL75-2	28	\$ 68,189.00	\$ 1,200.13	\$ 69,389.13
AR Equipment Sales	Wacker Neuson KDI 2504 TCR	12	\$ 77,477.00	\$ 1,363.60	\$ 78,840.60
Nortrax Canda	John Deere 323E CTL	0	\$ 88,825.00	\$ 1,563.32	\$ 90,388.32
Toromont Cat	Caterpillar 279D CCE	0	\$ 97,683.00	\$ 1,719.22	\$ 99,402.22
Hitrac Inc	Case TR270	4	\$ 91,158.00	\$ 1,604.38	\$ 92,762.38

The 2016 capital allocation for this purchase was \$85,000 therefore the successful bidder was, after taxes \$5388.32 over budget.

During the tendering process bidders were asked to include provisional tender prices for a listing of seven specific implements that could be added to this machine to expand its capabilities and improve the operations of the Town. In the 2017 Capital budget \$27,000 has been included to purchase additional attachments which are felt to be key pieces to notably improve the operations and these items are a power rake and stump grinder. Additional pieces that would be useful to various departments within the O&F division are a rotary cutter (brush cutter), and pallet forks. Below is a table summarising the costs for these attachments from the compliant bidders.

Implement	John Deere	Caterpillar
Rotary Cutter	\$ 13,850.00	\$ 32,046.00
Stump Grinder	\$ 13,565.00	\$ 10,259.00
Power Rake	\$ 13,089.00	\$ 9,978.00
Pallet Forks	\$ 1,975.00	\$ 1,715.00
Total Cost	\$ 42,479.00	\$ 53,998.00
Rebate	-\$ 4,247.90	\$ -
Town's portion HST	\$ 672.87	\$ 950.36
TOTAL COST	\$ 38,903.97	\$ 54,948.36

The John Deere attachments, if purchased at the time of machine order will benefit from an additional 10% discount which is noted above. This means that the purchase of the power rake and stump grinder would be \$26,654.00 less \$2665.40 in rebate equalling \$23,988.60. With the addition of the low cost pallet forks the total cost of the three implements after rebate would be \$25,766.10 and the Town's portion of HST would be \$26,219.58

Given the lowest compliant bid price and lowest attachment bid price, it is the recommendation of the Operations and Facilities Executive Committee that the following:

1. To award tender 16-OF- 14 to purchase a compact tracked loader to Nortrax Canada of Thunder Bay for a purchase price of \$88,825.00 plus the Town's portion of HST at a budget shortfall of \$5388.32
2. Approve the capital purchase in 2017 of 3 attachments being a power rake, stump grinder, and pallet forks to realize a 10% savings for a purchase price of \$25,766.10 plus the Town's portion of HST
3. That the Mayor and Clerk be authorize to enter into a purchase agreement.

Respectfully submitted



Travis Rob, EIT

Manager of Operations & Facilities

Council Approval of this report will ensure the following:

1. To award tender 16-OF-14 to purchase a compact tracked loader to Nortrax Canada of Thunder Bay for a purchase price of \$88,825.00 plus the Town's portion of HST at a budget shortfall of \$5388.32
2. Approve the capital purchase in 2017 of 3 attachments being a power rake, stump grinder, and pallet forks to realize a 10% savings, for a purchase price of \$25,766.10 plus the Town's portion of HST
3. That the Mayor and Clerk be authorize to enter into a purchase agreement.

2017FebBobcatTenderAward

February 6, 2017

Report To: Travis Rob, Manager of Operations and Facilities

From: Milt Strachan, Transportation Superintendent

Subject: Tender No. 16-OF-14 Compact Track Loader and Provide Pricing for Seven Attachments

There were a total of five (5) tenders received. I will briefly explain deficiencies if any for all five (5) tenders.

- 1.) Dave Goodman Automotive, Emo, Ontario.
Make: Kubota
Model: SVL75-2 with High Flow

There are twenty eight (28) areas of concern where this tender did not meet the specifications. Some of them are just differences in design and minor deficiencies. Several are major deficiencies.

The Kubota SVL75-2 does not meet the specifications in the Tender.

- 2.) AR Equipment Sales, La Salle, Manitoba.
Make: Wacker Neuson
Model: Kohler KDI 2504 TCR

There are twelve (12) areas of concern where this tender did not meet the specifications. Seven (7) of these are differences in design and are minor deficiencies. Five (5) of them are major deficiencies.

The Kohler KDI 2504 TCR does not meet the specifications in the Tender.

- 3.) Nortrax Canada, Inc., Thunder Bay, Ontario
Make: John Deere
Model: 323E CTL

The John Deere 323E CTL meets or exceeds all of the specifications in the Tender.

- 4.) Battlefield Equipment Rentals, Toromont Cat, Thunder Bay, Ontario.
Make: Caterpillar
Model: 279D CCE

The Caterpillar 279D CCE meets or exceeds all of the specifications in the Tender.

- 5.) Hitrac (1974) Inc., Winnipeg, Manitoba.
Make: Case
Model: TR270

There are nine areas of concern where this tender did not meet the specifications. Four (4) of those are differences in design and minor deficiencies. Five (5) of them are major deficiencies.
The Case TR270 does not meet the specification

Summary:

There are two Compact Track Loaders that meet the specification in the Tender, the John Deere 323E CTL and the Caterpillar 279D CCE. I will list the price of these with the three attachments that we would get the most use out of while trying to stay within the budgeted amount for the attachments. These attachments are the Rotary Cutters, The Stump Grinder and the Power Rake. I am also going to add the price of the Pallet Forks for consideration as it is a lower cost item that would definitely come in handy for moving things around the yard and inside the buildings where we cannot always utilize the Front End Loader with Forks do to the size.

John Deere 323E CTL Track Loader \$88,825.00
H.S.T. \$11,547.25
Total \$100,372.25

Rotary Cutters
Includes Heavy Duty Cab Door \$13850.00
H.S.T. \$ 1850.50
Total \$15650.50

Stump Grinder \$13565.00
H.S.T. \$ 1763.45
Total \$15328.45

Power Rake (Landscaper) \$13089.00
H.S.T. \$ 1571.57
Total \$14660.57

Pallet Forks	\$ 1975.00
H.S.T.	\$ 256.75
Total	\$ 2231.75

Caterpillar 279D CCE	\$97683.00
H.S.T.	\$12698.79
Total	\$110381.79

Rotary Cutters	\$32046.00
H.S.T.	\$ 4165.98
Total	\$36211.98

Stump Grinder	\$10259.00
H.S.T.	\$ 1333.67
Total	\$11592.67

Power Rake (Landscaper)	\$ 9978.00
H.S.T.	\$ 1297.14
Total	\$11275.14

Pallet Forks	\$ 1715.00
H.S.T.	\$ 222.95
Total	\$ 1937.95

The total cost of the attachments for the John Deere before taxes is **\$42,479.00**
All attachments ordered at the same time as the John Deere Track Loader
receive an additional 10% discount which amounts to a **\$4247.90** savings before
taxes. This is stated in the Tender. That brings the price down to **\$38199.10**

The total cost of the attachments for the Caterpillar before taxes is **\$54258.**

With all things being equal between the two (2) Compact Track Loaders that
meet the specifications in the Tender the John Deere 323E CTL Compact Track
Loader is the low price for both the Loader and the Attachments. It is my
recommendation that we purchase the John Deere from Nortrax Equipment Inc.



Milt Strachan,
Transportation Superintendent

TOWN OF FORT FRANCES
Operations and Facilities Division - Environmental Area - Operations Statistics
(November 2016)

STAFFING:

See Operations Statistics (November) 2016 prepared by M. Strachan, Superintendent of Transportation

OVERTIME HOURS - Equivalent Straight Time Hours

See Operations Statistics (November) 2016 prepared by M. Strachan, Superintendent of Transportation

WATER DISTRIBUTION:

Water Main Breaks:

- Number of water main breaks: None

Hydrant Repairs:

- Number of hydrant repairs: None

Hydrant Replacements:

- Number of hydrant replacements: None

Hydrant Installations (NEW):

- Number of new hydrant installations: None

Main Valve Repairs:

- Number of water main valve repairs: None

Water Service Breaks:

- Number of water service breaks: One (1)
 - 610 Second St. W.

Water Service Repairs:

- Number of water service repairs: Three (3)
 - 353 Scott St., 429 Church St. and 411 McIrvine Rd.

Water Service Installations (NEW):

- Number of water service installations: None

Water Service Replacements:

- Number of water service replacements: None

Water Service Terminations:

- Number of water service terminations: None

Water Service Turn "Off/On":

- Number of water service turn "Off/On": Twenty-one (21)
 - 844 Huffman Ct., 1242 Colonization Rd. W., 622 Third St. E., 331 Second St. E., 1214 Third St. E. (2),
 - 1144 Second St. E., 1020 Second St. E., 1000 Calder Dr. (2), 1301 Calder Dr. (2), 1025 River Rd. W.,
 - 838 Third St. E., 928 Frenette Ave., 912 Sixth St. E., 919 Frenette Ave., 1022 Colonization Rd. W. (2),
 - 1018 Christie Ave. N. and 400 Central Ave.

Frozen Water Services:

- Number of frozen water services: None

Water Meter Installations/Replacements:

- Number of water meter installations/replacements: None

Backflow Preventer Installations/Replacements:

- Number of backflow preventer installations/replacements: None

Backflow Preventer Annual Testing:

- Number of backflow preventer tested: Four (4)
 - 397 Scott St. and 540 King's Hwy. (3)

Other Information:

- Summarized final costs for invoicing of private works associated with private works
- Completed the hydrant flushing/winterizing program.
- Recorded locations of curb stops at various locations.
- November 8, 2016 - Golden Age Manor (Emo) Inc. - performed geo-sounding to determine the location of a potential water leak
- November 15 - 16, 2016 - G. Wiedenhoeft, T. George and J. Bruyere attended a two day course on Fire Hydrants. Put on by Keewaytinook Centre at the Nanicost Building on Couchiching FN
- November 17, 2016 - G. Wiedenhoeft, T. George and J. Bruyere attended a one day course on Operation of Wastewater Treatment Plants. Put on by Keewaytinook Centre at the Nanicost Building on Couchiching FN
- November 23, 2016 - performed a connection inspection at 411 McIrvine Road.

WATER TREATMENT PLANT:

- November, 2016 - In receipt of the Water Treatment Plant Monthly Report
- November 9, 2016 - Rod Seabrook, SAI GLOBAL completed an off-site 12-month surveillance audit of the water system. A part of the accreditation process.
- November 17, 2016 - R. White, B. Webb, P. Lemesurier and G. Wiedenhoeft received training on the maintenance and operation of the emergency standby generator (WTP). Training put on by Devon Ball, Wajax Power System, Thunder Bay.

SEWERAGE COLLECTION:

Wastewater Main Backups:

- Number of wastewater main backup: None

Wastewater Main Repairs:

- Number of wastewater main repairs: None

Sewer Manhole Repairs:

- Number of sewer manhole repairs: One (1)
- Cornwall Ave. N. (North end)

Sewer Service Repairs:

- Number of sewer service repairs: Two (2)
- 244 Second St. E. and 1375 Colonization Rd. W.

Sewer Service Installations (NEW):

- Number of sewer service installations: None

Sewer Service Terminations:

- Number of sewer service terminations: None

Sewer Service Replacements:

- Number of sewer service installations: None

Other Information:

- Cleaned Eleven (11) plugged sewer services at the following locations:
 - 525 King's Hwy., 312 Second St. E., 610 Third St. W., 613 Third St. W., 216 Armit Ave.,
 - 527 Second St. E., 1031 Fifth St. E., 432 Armit Ave., 600 Church St., 1375 Colonization Rd. W.
 - and 413 First St. E.
- Sewer main flushing (Dead Ends and Trouble Areas)
- November 14, 2016 - televised the sanitary sewer service at 525 King's Highway (Tim Hortons)
- November 23, 2016 - performed a connection inspection at 411 McIrvine Road.

WASTE-WATER TREATMENT FACILITY:

- November, 2016 - In receipt of the Wastewater Treatment Facility Monthly Report.

WASTE MANAGEMENT:

Garbage Collection:

- Number of complaints regarding garbage collection:
 - Town - 0 complaints, Asselin's - 2 complaints

Sanitary Landfill (Waste Disposal Site):

Landfill Scales functioning good during this period.

- Amount of residential waste delivered to the landfill:
 - 216,800 kgs (216.80 tonnes)
- Amount of ICI waste delivered to the landfill:
 - 389,400 kgs (389.40 tonnes)
- November 5, 2016 - Free tipping for yard wood waste (182 vehicles)
- November 2016 - Removed 208.79 tonnes of metals from the landfill.

Recycling:

- Number of complaints regarding recycled materials:
 - Town - 0 complaints, Asselin's - 1 complaint
- Amount of recycled waste diverted from the landfill:
 - No Data - Emterra

Prepared By: _____

Environmental & Facilities Superintendent

Date: _____

TOWN OF FORT FRANCES
Operations and Facilities Division - Environmental Area - Operations Statistics
(December 2016)

STAFFING:

See Operations Statistics (December) 2016 prepared by M. Strachan, Superintendent of Transportation

OVERTIME HOURS - Equivalent Straight Time Hours

See Operations Statistics (December) 2016 prepared by M. Strachan, Superintendent of Transportation

WATER DISTRIBUTION:

Water Main Breaks:

- Number of water main breaks: None

Hydrant Repairs:

- Number of hydrant repairs: None

Hydrant Replacements:

- Number of hydrant replacements: None

Hydrant Installations (NEW):

- Number of new hydrant installations: None

Main Valve Repairs:

- Number of water main valve repairs: None

Water Service Breaks:

- Number of water service breaks: None

Water Service Repairs:

- Number of water service repairs: One (1)
- 551 Webster Ave.

Water Service Installations (NEW):

- Number of water service installations: None

Water Service Replacements:

- Number of water service installations: None

Water Service Terminations:

- Number of water service terminations: None

Water Service Turn "Off/On":

- Number of water service turn "Off/On": Twenty-six (26)
 - 1030 Portage Ave. N., 1125 Colonization Rd. W., 638 First St. E., 634 Second St. W., 306 Victoria Ave.
 - 401 King's Hwy., 1144 Second St. E., 350 Pit Rd. No. 1, 1016 Cornwall Ave. N., 1404 King's Hwy.
 - 1007 Williams Ave., 621 Church St., 545 Elm Ave. (2), 232 Second St. E., 729 Church St.,
 - 1229 Cornwall Ave. N., 1505 Colonization Rd. W., 935 Armit Ave. N. (2), 929 Crowe Ave. (2),
 - 943 Armit Ave. N., 516 Third St. W., 323 Second St. E. and 920 Williams Ave.

Frozen Water Services:

- Number of frozen water services: None

Water Meter Installations/Replacements:

- Number of water meter installations/replacements: None

Backflow Preventer Installations/Replacements:

- Number of backflow preventer installations/replacements: None

Backflow Preventer Annual Testing:

- Number of backflow preventer tested: Eight (8)
 - 427 Mowat Ave., 310 Sinclair St., 303 Nelson St., 145 Third St. W., 1229 Cornwall Ave. N.,
 - 101 Church St., 400 Mowat Ave., 220 Church St.

Other Information:

- Summarized final costs for invoicing of private works associated with private works
- Completed private hydrant flushing/winterizing.
- Recorded locations of curbs stops at various locations.
- December 8, 2016 - performed a connection inspection at 350 Pit Road No. 1.

WATER TREATMENT PLANT:

- December, 2016 - In receipt of the Water Treatment Plant Monthly Report

SEWERAGE COLLECTION:

Wastewater Main Backups:

- Number of wastewater main backup: None

Wastewater Main Repairs:

- Number of wastewater main repairs: None

Sewer Manhole Repairs:

- Number of sewer manhole repairs: Three (3)
 - Nelson St. (1000 blk.), Second St. E. (1200 blk.) and Walker Ave. at Hudson Dr.

Sewer Service Installations (NEW):

- Number of sewer service installations: None

Sewer Service Terminations:

- Number of water service terminations: None

Other Information:

- Cleaned Fifteen (15) plugged sewer services at the following locations:
 - 308 Butler Ave., 714 Wright Ave., 502 Third St. E., 1617 Colonization Rd. W., 708 Portage Ave.
 - 600 Church St. (2), 281 Second St. E., 708 Riverview Dr., 612 Nelson St., 430 Second St. E.
 - 908 Portage Ave. N., 419 Third St. W., 1110 Nelson St. and 155 Sixth St. W.
- CCTV inspected various building sewer services.
- Recorded locations of cleanouts at various locations.

WASTE-WATER TREATMENT FACILITY:

- December, 2016 - In receipt of the Wastewater Treatment Facility Monthly Report

WASTE MANAGEMENT:

Garbage Collection:

- Number of complaints regarding garbage collection:
 - Town - 0 complaints, Asselin's - 4 complaints

Sanitary Landfill (Waste Disposal Site):

Landfill Scales functioning good during this period.

- Amount of residential waste delivered to the landfill:
 - 125,510 kgs (125.51 tonnes)
- Amount of ICI waste delivered to the landfill:
 - 350,650 kgs (350.65 tonnes)
- December 7, 2016 - J. D. Trucking removed metal refuge from the landfill site (77.16 t).

Recycling:

- Number of complaints regarding recycled materials:
 - Town - 0 complaints, Asselin's - 0 complaints
- Amount of recycled waste diverted from the landfill:
 - No Data - Emterra

Prepared By: _____

Environmental & Facilities Superintendent

Date: _____

OPERATIONS AND FACILITIES DIVISION - PUBLIC WORKS AREA
OPERATIONS STATISTICS
November 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	17.00
SICK DAYS	14.94	14.44
COMPASSIONATE LEAVE	1.00	0.00
FLOATERS	2.00	1.00
VACATION	82.25	20.25
BANKED TIME USED	11.66	15.44
OFF	0.00	2.25
STATUTORY HOLIDAYS	25.00	23.00
TOTAL	136.85	93.38

OVERTIME HOURS

Equivalent Straight Time Hours:

	2015	2016	2015	2016
	Nov	Nov	Year To	Year To
			Date	Date
ADMINISTRATION	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	8.00	0.00	30.25	14.75
PRIVATE WORK	0.00	0.00	22.50	30.50
RECYCLE/GARBAGE	0.00	0.00	12.50	31.75
ROADS	19.75	50.00	370.25	364.75
SEWER COLLECTION	44.00	32.00	452.00	396.50
SIDEWALKS	0.00	0.00	18.75	3.00
STORES	0.00	0.75	24.00	30.75
VEHICLE & EQUIPMENT	0.00	0.00	27.00	4.00
WATER TREATMENT PLANT	35.50	34.25	380.00	354.00
WATER DISTRIBUTION	0.00	7.50	494.00	593.50
WATER TOWER	0.00	0.00	4.00	0.00
TOTAL	107.25	124.50	1839.25	1976.50

TRANSPORTATION REPORT

November 2016

ROADS:

Storm Water Management – Urban:

Storm Water Management - Rural:

- Brush cutting along ditches with the Hyundai
- Brush cutting along ditches with trackless tractor
- Removed beaver dams as required

Hard Top Maintenance:

- Levelled utility cuts – twice weekly
- Pothole patching as required
- Street sweeping daily – downtown area and Front Street done once weekly

Loose Top Maintenance:

- Graded all loose top roads twice
- Graded lanes as required

Roadside Maintenance:

- Trimmed trees in laneways
- FFPC cut several problem trees and public works crew cleaned up and hauled them to the landfill site – November 8, 9, 10, 14 15, 16 and 17.
- Trimmed trees along sidewalks

Winter Control:

- Two (2) events – November 18th and 22nd
- Plowed all roads, lanes and parking lots
- Sand/salted roads as required

Traffic Operations:

- Repaired and replaced signs as required.
- Replaced signs that failed reflectivity testing
- Changed parking signs along Williams Avenue back to calendar parking after

construction on Colonization Road East.

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.
- Set up cover building in North Yard
- Stockpiled Granular "A" on November 7 and 8.
- Put in anchors for cover building

Private Work:

Sidewalks – Winter:

- Removed snow from Civic Centre sidewalks and applied ice melt as required.
- Cleaned snow from the underpass sidewalk and downtown corners and applied ice melt or sand/salt as required.
- Plowed snow from all sidewalks as required.

Sidewalks – Summer:

- Swept sidewalks and bike path along waterfront twice.

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 Christmas parade on November 25th.
- Picked up barricades from Christmas parade on November 28th.

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 mains.

Interdepartmental:

- Winterized Sorting Gap Marina
- Darwin Woods and Linda Carmody (Training) reading Hydro Meters Noember 7and 8 and again on November 28 and 29.
- Cathy Westover supplied coverage for vacation at the Airport on December 16 and 17 and again on December 22 and 23.

Recycling:

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

Training:

- Cathy Westover received training on the Sand Truck and Plow Truck on November 18th.
- Eric Onichuck received training on the Sand Truck and Plow Truck on November 18 and on the Plow Truck again on November 25th.

Health & Safety:

Milt Strachan,
Superintendent of Transportation

OPERATIONS AND FACILITIES DIVISION - PUBLIC WORKS AREA
OPERATIONS STATISTICS
December 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	0.00
SICK DAYS	5.25	9.34
COMPASSIONATE LEAVE	0.00	0.00
FLOATERS	5.50	7.50
VACATION	119.25	66.00
BANKED TIME USED	8.78	11.28
OFF	0.44	1.75
STATUTORY HOLIDAYS	78.00	75.00
TOTAL	217.22	170.87

OVERTIME HOURS

Equivalent Straight Time Hours:

	2015	2016	2015	2016
	Dec	Dec	Year To	Year To
			Date	Date
ADMINISTRATION	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	8.00	0.00	30.25	14.75
PRIVATE WORK	0.00	0.00	22.50	30.50
RECYCLE/GARBAGE	12.75	0.00	25.25	31.75
ROADS	79.50	298.50	480.00	663.25
SEWER COLLECTION	37.25	19.00	477.25	415.50
SIDEWALKS	6.00	33.75	24.75	36.75
STORES	4.00	0.00	28.75	30.75
VEHICLE & EQUIPMENT	4.00	11.00	31.00	15.00
WATER TREATMENT PLANT	19.00	20.00	397.75	374.00
WATER DISTRIBUTION	15.75	0.00	517.25	593.50
WATER TOWER	0.00	0.00	4.00	0.00
TOTAL	186.25	382.25	2042.75	2358.75

TRANSPORTATION REPORT

December 2016

ROADS:

Storm Water Management – Urban:

Storm Water Management – Rural:

Hard Top Maintenance:

- Levelled utility cuts – twice weekly
- Pothole patching as required

Loose Top Maintenance:

Roadside Maintenance:

- Cleaned up debris piled in the laneway between Elm Avenue and Holmes Avenue (trees and branches)

Winter Control:

- Six (6) events – December 5, 7, 20, 21, 25 and 28.
- Plowed all roads, lanes and parking lots
- Sanded/salted roads as required
- Night shift for Winter Control started on December 6.
- Removed snow from the Downtown area twice
- Removed snow piles from Downtown parking lots
- Plowed OPP Parking Lot three times

Traffic Operations:

- Repaired and replaced signs as required.

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.

Private Work:**Sidewalks – Winter:**

- Removed snow from Civic Centre sidewalks and applied ice melt as required.
- Cleaned snow from the underpass sidewalk and downtown corners and applied ice melt or sand/salt as required.
- Plowed snow from all sidewalks after events.

Sidewalks – Summer:**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:

- Eric Onichuk assisted Parks with a burial on December 9
- Eric Onichuk assisted Parks with a burial on December 14.
- Linda Carmody assisted Parks with a burial on December 15
- Cleared snow from an area between the Animal Shelter and Sand Pile for storage of a tug boat
- Darwin Woods and Linda Carmody (Training) reading Hydro Meters December 19 and 20. Linda is now able to do them on her own which gives us some flexibility with scheduling.

- Linda Carmody assisted Parks with a burial December 29 and 30.
- Cathy Westover supplied coverage for sick days at the Airport on December 14 and 16.

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 Tailgate Talk was held in the Public Works Shop area on December 1st.
- A workplace inspection was completed in the Public Works Building on December 14th

Milt Strachan,
Superintendent of Transportation

Aircraft Landings 2017
As of February 6, 2017 Statistics - Page 1/2

Month	Bearskin Flights			Bearskin- Passengers			Government			Private			Med-I-vacs			International			Commercial			Totals			Variance
	2017	2016	2015	2017	2016	2015	2017	2016	2015	2017	2016	2015	2017	2016	2015	2017	2016	2015	2017	2016	2015	2017	2016	2015	2017-2016
January	76	70	76	308	261	256	0	1	6	2	3	6	42	30	43	4	3	4	48	36	42	172	143	177	29
February		69	67		233	241		1	2		1	7		35	36		1	3		49	40	0	156	155	-156
March		69	78		199	341			5		17	30		34	36		3	5		55	38	0	178	192	-178
1/4 Total	76	208	221	308	693	838	0	2	13	2	21	43	42	99	115	4	7	12	48	140	120	172	477	524	-305
April		81	81		288	330		7	1		8	23		47	41		3	2		40	53	0	186	201	-186
May		88	82		309	365		4	1		9	28		37	37		32	34		59	77	0	229	259	-229
June		76	80		273	322		0	11		30	36		38	31		77	74		52	96	0	273	328	-273
1/2 Total	76	453	464	308	1563	1855	0	13	26	2	68	130	42	221	224	4	119	122	48	291	346	172	1165	1312	-993
July		72	81		221	297		2	8		48	40		51	35		66	83		47	77	0	286	324	-286
August		84	79		256	297		6	4		42	39		66	31		71	73		53	87	0	322	313	-322
September		78	76		277	328		1	0		15	17		40	36		45	44		51	76	0	230	249	-230
3/4 Total	76	687	700	308	2317	2777	0	22	38	2	173	226	42	378	326	4	301	322	48	442	586	172	2003	2198	-1831
October		85	83		357	309		2	4		10	20		41	47		18	9		47	51	0	203	214	-203
November		72	68		328	260		3	0		20	9		28	30		7	1		38	38	0	168	146	-168
December		64	68		231	200		0	0		0	4		29	31		0	2		29	34	0	122	139	-122
Total	76	908	919	308	3233	3546	0	27	42	2	203	259	42	476	434	4	326	334	48	556	709	172	2496	2697	-2324

Fort Frances Airport- Page 2/2 - Fuel Sales - As of February 6, 2017

Fuel Sales Recap - 2017									2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	9 year	Variance 2016-2015
Month	100LL		Jet Trk		Jet Cab		Month	Year	per	per	per	per	per	per	per	per	per	per	Average	per month
	Liters	Total	Liters	Total	Liters	Total	Total	Total	month	month	month	month	month	month	month	month	month	month	2015 to 2007	month
January	8,175	8,175	17,500	17,500	0	0	25,675	25,675	7,528	8,692	11,543	7,216	10,252	7,308	10,971	15,989	29,926	16,283	13,002	18,147
February		8,175		17,500	0	0	0	25,675	11,904	11,231	12,304	6,197	6,918	3,687	5,782	13,135	21,134	11,782	10,316	-11,904
March		8,175		17,500	0	0	0	25,675	13,255	17,795	10,508	12,077	9,329	10,390	15,539	9,612	27,435	19,969	14,235	-13,255
April		8,175		17,500	0	0	0	25,675	8,592	13,219	8,377	4,453	8,251	5,294	24,825	10,676	22,466	28,609	13,505	-8,592
May		8,175		17,500	0	0	0	25,675	24,681	16,161	29,753	18,350	21,891	19,790	25,375	24,033	30,287	47,258	26,824	-24,681
June		8,175		17,500	0	0	0	25,675	26,015	45,698	30,789	22,786	23,537	25,723	27,768	22,395	35,995	40,736	28,416	-26,015
July		8,175		17,500	0	0	0	25,675	29,002	28,150	14,441	19,232	32,650	19,124	30,455	24,925	33,390	44,875	27,566	-29,002
August		8,175		17,500	0	0	0	25,675	21,119	36,638	20,450	20,075	30,783	21,467	33,139	28,250	40,177	41,630	28,566	-21,119
September		8,175		17,500	0	0	0	25,675	21,325	24,238	21,837	18,005	19,431	22,511	23,363	18,937	28,822	30,341	22,730	-21,325
October		8,175		17,500	0	0	0	25,675	30,655	8,216	15,472	13,109	11,325	13,677	15,033	21,304	16,631	28,020	18,358	-30,655
November		8,175		17,500	0	0	0	25,675	22,349	11,616	7,238	6,398	8,170	6,785	17,747	10,754	16,951	16,842	12,582	-22,349
December		8,175		17,500	0	0	0	25,675	13,797	7,592	6,849	2,028	8,179	2,446	7,641	7,596	13,083	14,733	8,484	-13,797
Total	8,175		17,500		0		25,675		230,222	229,246	189,561	149,926	190,716	158,202	237,638	207,606	316,297	341,078	224,583	-204,547
							Jan to June		91,975	112,796	103,274	71,079	80,178	72,192	110,260	95,840	167,243	164,637	106,298	40,285

Lowest month in last 9 years

Highest month in last 9 years

Highest month

lowest month