

# TOWN OF FORT FRANCES

## Operations and Facilities Executive Committee

### AGENDA - September 19, 2018, 8:30 AM

#### MEETING - Civic Centre

Session #011

	Page
1. <b><u>Call to Order</u></b>	
2. <b><u>Disclosure of pecuniary interest and the general nature thereof</u></b>	
3. <b><u>Approval of Previous Committee Minutes</u></b>	
3.1 Minutes from the previous meeting on August 8, 2018.	2 - 4
4. <b><u>Non-agenda Items</u></b>	
5. <b><u>Items Referred from Council</u></b>	
5.1 Request for Landfill Use - Naotkamegwanning First Nations	5 - 6
6. <b><u>New Business</u></b>	
6.1 July 2018 Drinking Water Systems Monthly Summary Report	7 - 14
6.2 August 2018 Drinking Water Systems Monthly Summary Report	15 - 22
6.3 Local Improvement Fees - Water Service Connections Kings Highway from Pit Road #1 and Pit Road #2	23 - 25
6.4 Tender No. 18-OF-11 - Three (3) Year Equipment/Vehicle Rental	26 - 36
6.5 Strategic Plan Item 42 - Investigation of Green Space Plan	37 - 38
7. <b><u>Information</u></b>	
7.1 Operations and Facilities Division - Environmental Area - Operations Statistics - May 2018	39 - 42
7.2 Operations and Facilities Division - Environmental Area - Operations Statistics - June 2018	43 - 46
7.3 Fort Frances Airport Statistics as of September 12, 2018	47 - 48
7.4 Sewer and Water Data for 2018 - updated September 12, 2018	49
8. <b><u>Adjourn / Next Meeting Date</u></b>	

## TOWN OF FORT FRANCES

### MINUTES

SESSION NO. #010

August 8, 2018

The meeting of Operations & Facilities Executive Committee of the Town of Fort Frances was held in the Civic Centre on August 8, 2018 from 8:30 a.m. to 9:20 a.m.

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

ALSO PRESENT: Mayor Roy Avis

#### **1. Call to Order**

1.1 The meeting was called to order at 8:30 a.m.

#### **2. Disclosure of pecuniary interest and the general nature thereof**

2.1 None

#### **3. Approval of Previous Committee Minutes**

3.1 Approval of the July 4, 2018 Meeting Minutes - the minutes were approved as amended.

#### **4. Non-agenda Items**

4.1 Temporary Land Use Agreement - the administration report was approved as recommended.

#### **5. Items Referred from Council**

5.1 None

#### **6. New Business**

6.1 Emergency Un-Budgeted Capital Repair of the Airport Tractor - recommend to complete the work and pay by Reserves during year end audit.

6.2 Fourth License Extension - CBRE Lease of Airport Maintenance Garage bay - the administration report was approved as recommended.

6.3 Water Treatment Plant June 2018 Monthly Report - the administration report was

received as presented.

**7. Outstanding Items**

7.1 None

**8. Information**

- 8.1 Waste Water Treatment Plant June 2018 Monthly Report - the report was reviewed and will be forwarded to Council as information only. No action required.
- 8.2 Airport Landings and Fuel Sales to June 30, 2018 - the statistics were reviewed and will be forwarded to Council as information only. No action required.
- 8.3 Operations & Facilities - Public Works Area Operations Statistics - January 2018 - the Operations Statistics were reviewed for January 2018 and will be forwarded to Council as information only. No action required.
- 8.4 Operations & Facilities -Public Works Area Operations Statistics - February 2018 - the Operations Statistics were reviewed for February 2018 and will be forwarded to Council as information only. No action required.
- 8.5 Town of Fort Frances Operations Statistics - March 2018 - the Operations Statistics were reviewed for March 2018 and will be forwarded to Council as information only. No action required.
- 8.6 Town of Fort Frances Operations Statistics - April 2018 - the Operations Statistics for April 2018 were reviewed and will be forwarded to Council as information only. No action required.
- 8.7 Town of Fort Frances Operations Statistics - May 2018 - the Operations Statistics for May 2018 were reviewed and will be forwarded to Council as information only. No action required.

**9. Adjourn / Next Meeting Date**

The meeting adjourned at 9:20 a.m.

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Executive Committee Chair

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T. Rob, Manager of Operations & Facilities

September 19, 2018

Report To: Mayor and Council

From: Travis Rob, Manager of Operations and Facilities

**RE: Request for Landfill Use – Naotkamegwanning First Nations**

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At the September 10 meeting of Council a request for landfill use agreement was received and referred to the Operations and Facilities Executive Committee from Naotkamegwanning First Nations (Whitefish Bay).

Currently the Town accepts materials from within Fort Frances and Alberton and we have a 10-year agreement with MNRF to receive materials from Mine Centre. Whitefish Bay is looking to be depositing one 30-yard truck per week of materials which may be reduced once they develop a recycle program within the community. They are also looking to bring recyclable materials to our transfer station.

The Town landfill is approaching its capacity and the Town will be looking to expand in the near future, however 30 yards per week is a minimal amount of materials compared to what is currently brought daily to the landfill. Secondly the Town transfer station was developed with the ability to accept out of Town recyclables in mind.

With the MNRF agreement we charge at the landfill the tipping fee, as set out in the user fee by-law plus mark up and with recyclables we charge the actual per tonne cost plus markup, which is determined at the end of year.

Before we can accept materials from Whitefish Bay we need to develop an agreement with them and consult with the MOECC to ensure we are in compliance with applicable regulations.

It is the recommendation of the Operations and Facilities Executive Committee that:

1. we engage the MOECC to ensure compliance with applicable regulations
2. we enter into an agreement if able to do so to provide landfill and recycle services to the community of Naotkamegwanning (Whitefish Bay) First Nations.

Respectfully Submitted



Travis Rob, P.Eng

**Council approval of this report will agree to the recommendation of the Operations and Facilities Executive Committee that:**

1. we engage the MOECC to ensure compliance with applicable regulations
2. we enter into an agreement if able to do so to provide landfill and recycle services to the community of Naotkamegwanning (Whitefish Bay) First Nations.

Manager of Operations and Facilities



1800 Pawitik Street  
Pawitik, Ontario P0X 1L0  
Email: naotkam@bellnet.ca

**CHIEF:**  
Howard Kabestra  
**COUNCILLORS:**  
Kirby Paul  
Arthur Paypompee  
Conrad Tom  
Rene White

Thursday, September 6, 2018

Mayor & Council  
The Town of Fort Frances  
320 Portage Avenue  
Fort Frances, ON P9A 3P9  
(807)274-5323 (p)  
(807)274-8479 (f)  
[town@fort-frances.com](mailto:town@fort-frances.com)


Good Morning,

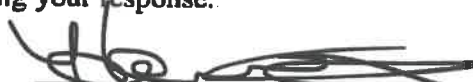
Hi, my name is Kurtis Medecine, Solid Waste MTSA Coordinator, for Naotkamegwanning First Nation. We are currently in the process of decommissioning our solid waste landfill site with no anticipation of creating a new site. During this decommission process, our main task is to secure a Municipal-Type Service Agreement for solid waste. Indigenous Services Canada no longer wants the maintenance capacity of retaining an on-reserve landfill.

Throughout our MTSA study, we found that The Town of Fort Frances is our best option. We are requesting that:

1. We enter into a short-term 1-2 year Solid Waste MTSA Agreement, gradually moving into a long-term agreement greater than 5 years.
2. We deliver approximately 30cu.yd. once per week of solid waste only, eventually to include recycled material(excluding paper) after the first 4 months, or once notice of permission is given.
3. If Council of Fort Frances approve the request, Naotkamegwanning First Nation and The Town of Fort Frances develop contractual agreement terms.
4. Naotkamegwanning First Nation will be requested to fill out a credit application.
5. Naotkamegwanning First Nation anticipate to begin delivering solid waste to Fort Frances Landfill Mid-End October 2018, or at a later date agreed by Mayor & Council of Fort Frances.

In the meantime, if you have further questions and/or concerns, please do not hesitate to contact me at (807)226-5411. I look forward to hearing your response.

  
Kurtis Medecine,  
Solid Waste MTSA Coordinator

  
Howard Kabestra  
Chief of Naotkamegwanning

Telephone: 807-226-5411 Facsimile: 807-226-5389



**ANISHINAABE UNITY AND HARMONY WITH MOTHER EARTH**

August 20, 2018

Report To: Mayor & Council

From: Travis Rob, Manager of Operations & Facilities

**SUBJECT: July 2018 Drinking Water Systems Monthly Summary Report**

Please find attached the July 2018 Summary Report on the drinking water systems, prepared by Randy White, Senior WTP Operator.

Your Administration recommends that Operations & Facilities Executive Committee accept the July 2018 report as presented.

Respectfully submitted,  
Operations & Facilities Division

Travis Rob, P. Eng.  
Manager of Operations & Facilities

<b>Council approval of this report will</b> accept the July 2018 report prior to it being made available to the general public.
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c.c. – Craig Miller, Environmental & Facilities Supt.  
Randy White, Senior WTP Operator

03CouncilwaterreportMarch 2015

Flow Data JULY	Units	2016		2017		2018	
		Day of the Month		Day of the Month		Day of the Month	
Total Raw Water	m <sup>3</sup>		179150		205490		163390
Raw Maximum Day	m <sup>3</sup>	Saturday 09th	6320	Sunday 23rd	6950	Sunday 15th	5460
Raw Minimum Day	m <sup>3</sup>	Monday 04th	5360	Monday 24th	6370	Thursday 5th	4870
Raw Average Daily Consumption	m <sup>3</sup>		5780		6630		5270
Total Treated Water	m <sup>3</sup>		126030		126300		125810
Treated Water Maximim Day Consumption	m <sup>3</sup>	Friday 29th	5680	Saturday 29th	5420	Tuesday 24th	5100
Treated Water Minimim Day Consumption	m <sup>3</sup>	Saturday 02nd	3320	Tuesday 04th	3040	Monday 2nd	3400
Treated Water Average Day Consumption	m <sup>3</sup>		4070		4070		4060
Daily Average Per Household Consumption Rate	m <sup>3</sup>		1.08		1.08		1.07
* Daily Average Per Person Consumption Rate	m <sup>3</sup>		0.51		0.51		0.51
Monthly Averages - Operating Parameters WTP:							
FAC Residual - Treated Water	mg/L		2.07		2.15		2.12
Total Chlorine Residual - Treated Water	mg/L		2.31		2.31		2.37
Aluminum Sulphate - Raw Water	mg/L		35.0		35.0		35.0
Aluminum Sulphate - Treated Water Residual	mg/L		0.03		0.02		0.02
Fluoride - Treated Water	mg/L		0.67		0.65		0.75
Soda Ash - Raw Water	mg/L		35.0		35.0		35.0
PH - Adjusted	mg/L		7.26		7.31		7.03
Temperature	C		20.4		20.1		21.7
Quantity of Chemical Used:							
Aluminum Sulphate	kg		6270.3		7192.2		4473.9
Polyelectrolyte	kg		100.0		75.0		100.0
Chlorine Gas	kg		890.0		1002.0		848.0
Soda Ash - Used for PH Adjustment	kg		6270.3		7192.2		5718.7
Fluoride	kg		558.0		643.0		503.0

- \* The Canadian Average is 450 Litres (0.45 m<sup>3</sup>) per day.
- \* Population is 7986
- \* Number of Households is 3783



**July 2018**

**Monthly Summary Report  
Water Systems**

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

**Dated: August 17, 2018**

### 1) **Introduction:**

This report contains the major maintenance activities and operational events that occurred during the month of May 2018 at the Water Treatment Plant - Water Works # 220000978 and the Airport Groundwater Well Water Works No. 849N7DGE0 (Precedes Airport Groundwater Well Water Works No. 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.

A NEW drinking water system at the Airport was put into service August 01, 2017. The system is classified as a Small Drinking Water System, System No. 849N7DGE0 which falls under the requirements of Ontario Regulation 319/08 – Small Drinking Water Systems. The old drinking water system, Airport Groundwater Well Water Works # 26002736 has been decommissioned.

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

Water Treatment Plant: See attached spreadsheet.

Airport Groundwater Well – Raw water flow data: 72.5 m3 as of June 4, 2018. (7.4 m3 used in May).

### 3) **Microbiological (Health Related) Water Analysis - Main Water System No. 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. 1111 First St. E.  | 2. 1104 Church St     | 3. 901 Wright Ave.  | 4. W. Tower  |
| 5. 740 Scott St.      | 6. 1036 Victoria Ave. | 7. 901 Wright Ave.  | 8. W. Tower  |
| 9. 740 Scott St.      | 10. 320 Portage Ave.  | 11. 901 Wright Ave. | 12. W. Tower |
| 13. 1111 First St. E. | 14. 1104 Church St.   | 15. 740 Scott St.   | 16. W. Tower |

**4) Microbiological (Health Related) Water Analysis - Airport Groundwater Well No. 849N7DGE0:**

New drinking water system put on line August 01, 2017. No treatment required as the Airport groundwater tested negative for bacteria.

The Airport drinking water system is to be sampled and tested for bacteria once every three (3) months in accordance with Section 25 – Microbiological Sampling and Testing of the Small Drinking Water Systems Regulation, O. Reg. 319/08.

Water distribution sample taken April 10, 2018 – no adverse results.

**5) Free Available Chlorine Residual (FAC) - Main Water System No. 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 No. 849N7DGE0:**

New drinking water system put on line August 01, 2017. No treatment required as the Airport groundwater well tested negative for bacteria.

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

July 3<sup>rd</sup> - flushed poly lines from pumps to the clarifiers

July 4<sup>th</sup> - Greased clarifiers, chains, bearings and gears

July 5<sup>th</sup> - calibrated distribution chlorine analyzer  
Took grab samples off the filters  
Flushed the alum line from pump to inline mixer  
Cleaned top and bottom tanks on the poly unit  
Cleaned the four check valves on the poly unit

July 6<sup>th</sup> - cleaned out the soda ash line  
Calibrated the distribution chlorine analyzer

July 9<sup>th</sup> - cleaned the valve positioners in the pipe galley

July 10<sup>th</sup> - worked on filter #3

July 11<sup>th</sup> - cleaned the inline mixer

July 22<sup>nd</sup> - calibrated the distribution chlorine analyzer

July 23<sup>rd</sup> - installed new soda ash pump

July 24<sup>th</sup> - calibrated distribution chlorine analyzer  
Took grab samples off the filters

July 26<sup>th</sup> - repaired the calcium hypo pump at the tower

July 27<sup>th</sup> - cleaned top and bottom tanks on the poly unit  
Cleaned all four check valves on the poly unit

July 30<sup>th</sup> - ran standby generator for one hour

8) **Water Complaints:**

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

9) **Other Miscellaneous Information:**

July 3<sup>rd</sup> - routine micro sample collection  
Water main repair samples Wright Avenue – 2<sup>nd</sup> set

July 9<sup>th</sup> - routine micro samples collection  
Took micro samples at Sunny Cove Camp  
Took micro samples at the Airport

July 11<sup>th</sup> - took 1<sup>st</sup> set of samples on new main on Frenette Avenue  
Took 1<sup>st</sup> set of samples on new hydrant on Frenette Avenue

July 12<sup>th</sup> - took 2<sup>nd</sup> set of samples on new main on Frenette Avenue  
Took 2<sup>nd</sup> set of samples on new hydrant on Frenette Avenue  
Took 1<sup>st</sup> set of samples on valve repair – 800 Calder Drive

July 16<sup>th</sup> - routine micro sample collection  
Took 2<sup>nd</sup> set of samples on valve repair – 800 Calder Drive

July 18<sup>th</sup> - took 1<sup>st</sup> set of samples – 5<sup>th</sup> Street East – tie in

July 19<sup>th</sup> - took 2<sup>nd</sup> set of samples – 5<sup>th</sup> Street East – tie in

July 23<sup>rd</sup> - routine micro sample collection  
Took 1<sup>st</sup> set of new main samples Frenette Avenue

July 24<sup>th</sup> - took 2<sup>nd</sup> set of new main samples on Frenette Avenue

Took first set of samples on tie in on Shevlin Avenue

July 25<sup>th</sup> - took 2<sup>nd</sup> set of samples on tie in on Shevlin Avenue

July 26<sup>th</sup> - took DWSP samples at the Plant and Water Tower

July 30<sup>th</sup> - routine micro sample collection

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

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

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

**Monthly Report May 2018**

September 5, 2018

Report To: Mayor & Council

From: Travis Rob, Manager of Operations & Facilities

**SUBJECT: August 2018 Drinking Water Systems Monthly Summary Report**

Please find attached the August 2018 Summary Report on the drinking water systems, prepared by Randy White, Senior WTP Operator.

Your Administration recommends that Operations & Facilities Executive Committee accept the August 2018 report as presented.

Respectfully submitted,  
Operations & Facilities Division

Travis Rob, P. Eng.  
Manager of Operations & Facilities

<b>Council approval of this report will</b> accept the August 2018 report prior to it being made available to the general public.
---

c.c. – Craig Miller, Environmental & Facilities Supt.  
Randy White, Senior WTP Operator

03CouncilwaterreportMarch 2015

**August 2018**

**Monthly Summary Report  
Water Systems**

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

**Dated: September 5, 2018**



### 1) **Introduction:**

This report contains the major maintenance activities and operational events that occurred during the month of May 2018 at the Water Treatment Plant - Water Works # 220000978 and the Airport Groundwater Well Water Works No. 849N7DGE0 (Precedes Airport Groundwater Well Water Works No. 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.

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

Water Treatment Plant: See attached spreadsheet.

Airport Groundwater Well – Raw water flow data: 72.5 m3 as of June 4, 2018. (7.4 m3 used in May).

### 3) **Microbiological (Health Related) Water Analysis - Main Water System No. 220000978:**

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| 13. 1111 First St. E. | 14. 1104 Church St.   | 15. 740 Scott St.   | 16. W. Tower |

**4) Microbiological (Health Related) Water Analysis - Airport Groundwater Well No. 849N7DGE0:**

New drinking water system put on line August 01, 2017. No treatment required as the Airport groundwater tested negative for bacteria.

The Airport drinking water system is to be sampled and tested for bacteria once every three (3) months in accordance with Section 25 – Microbiological Sampling and Testing of the Small Drinking Water Systems Regulation, O. Reg. 319/08.

Water distribution sample taken April 10, 2018 – no adverse results.

**5) Free Available Chlorine Residual (FAC) - Main Water System No. 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 No. 849N7DGE0:**

New drinking water system put on line August 01, 2017. No treatment required as the Airport groundwater well tested negative for bacteria.

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

Aug 2<sup>nd</sup> - cleaned top and bottom tanks on the poly unit  
Cleaned all 4 check valves on the poly unit

Aug 7<sup>th</sup> - changed filters on soda ash dust collector

Aug 8<sup>th</sup> - calibrated distribution chlorine analyzer

Aug 15<sup>th</sup> - took grab samples off the filters

Aug 20<sup>th</sup> - annual calibrations by Lakeside Controls

Aug 22<sup>nd</sup> -annual calibrations by Lakeside Controls

Aug 23<sup>rd</sup> - annual calibrations by Lakeside Controls

Aug 27<sup>th</sup> - calibrated distribution chlorine analyzer

Aug 28<sup>th</sup> - calibrated fluoride analyzer

Aug 30<sup>th</sup> - cleaned top and bottom tanks on the poly unit

Cleaned all 4 check valves on the poly unit

Aug 31<sup>st</sup> - ran standby generator for 1 hour

8) **Water Complaints:**

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

9) **Other Miscellaneous Information:**

Aug 3<sup>rd</sup> - valve replacement samples – Lake Road – 1<sup>st</sup> set

Aug 7<sup>th</sup> - routine micro sample collection  
Valve replacement samples – Lake Road – 2<sup>nd</sup> set

Aug 9<sup>th</sup> - hydrant removed – Lakeview Trailer Park – 1<sup>st</sup> set

Aug 13<sup>th</sup> - routine micro samples collection  
Hydrant removed – Lakeview Trailer Park – 2<sup>nd</sup> set

Aug 16<sup>th</sup> - received a load of soda ash

Aug 20<sup>th</sup> - routine micro sample collection

Aug 22<sup>nd</sup> - took micro and quarterly samples at Sunny Cove

Aug 27<sup>th</sup> - routine micro sample collection

Aug 29<sup>th</sup> - new main samples – Third St and Williams Ave – 1<sup>st</sup> set

Aug 30<sup>th</sup> - new main samples – Third St and Williams Ave – 2<sup>nd</sup> set  
New main samples overpass – 1<sup>st</sup> set

Aug 31<sup>st</sup> - new main samples – overpass – 2<sup>nd</sup> set

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

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

**Town of Fort Frances - WTP - 220000978**

**August 2015/2016 vs. August 2018 Flow and Operating Data**

Flow Data	August	Units	2016		2017		2018	
			Day of the Month		Day of the Month		Day of the Month	
Total Raw Water	m <sup>3</sup>			178410		204690		185980
Raw Maximum Day	m <sup>3</sup>		Thursday 11th	6010	Monday 28th	6900	Sunday 19th	6740
Raw Minimum Day	m <sup>3</sup>		Wednesday 24th	5170	Sunday 13th	6290	Mon 6th & Sat 11th	5280
Raw Average Daily Consumption	m <sup>3</sup>			5760		6600		6000
Total Treated Water	m <sup>3</sup>			137500		123420		132730
Treated Water Maximim Day Consumption	m <sup>3</sup>		Wednesday 03rd	5500	Tuesday 01st	5680	Monday 13th	5780
Treated Water Minimim Day Consumption	m <sup>3</sup>		Sunday 07th	3370	Sunday 27th	3300	Monday 6th	3340
Treated Water Average Day Consumption	m <sup>3</sup>			4440		3980		4280
Daily Average Per Household Consumption Rate	m <sup>3</sup>			1.17		1.05		1.13
* Daily Average Per Person Consumption Rate	m <sup>3</sup>			0.56		0.50		0.54
<b>Monthly Averages - Operating Parameters WTP:</b>								
FAC Residual - Treated Water	mg/L			2.24		2.25		2.16
Total Chlorine Residual - Treated Water	mg/L			2.50		2.43		2.42
Aluminum Sulphate - Raw Water	mg/L			35.0		35.0		35.0
Aluminum Sulphate - Treated Water Residual	mg/L			0.02		0.02		0.02
Fluoride - Treated Water	mg/L			0.63		0.70		0.72
Soda Ash - Raw Water	mg/L			35.0		35.0		35.0
PH - Adjusted	mg/L			7.19		7.31		6.97
Temperature	C			22.2		21.5		21.7
<b>Quantity of Chemical Used:</b>								
Aluminum Sulphate	kg			6244.4		7164.2		6509.3
Polyelectrolyte	kg			75.0		75.0		75.0
Chlorine Gas	kg			894		1036		919
Soda Ash - Used for PH Adjustment	kg			6244.4		7164.2		6509.3
Fluoride	kg			542		654		656

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

\* Population is 7986

\* Number of Households is 3783

Operating Data	Units	*MAC	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total	Average
		or Range																																	
Flow rates																																			
Raw Water	10^3 M^3	17	5.38	5.34	5.34	5.43	5.33	5.28	5.30	5.37	5.33	5.35	5.28	5.33	5.51	5.96	6.45	6.44	6.57	6.35	6.74	6.45	6.47	6.52	6.52	6.58	6.64	6.49	6.22	6.49	6.36	6.68	6.48	185.98	6.00
Peak Instantaneous - Raw Water	L/s	n/a	62.45	62.44	62.61	62.40	62.36	62.75	62.42	62.57	62.66	62.55	62.77	62.43	65.69	70.66	75.80	75.77	76.21	76.43	76.39	76.19	75.96	76.26	76.22	76.04	75.71	75.65	75.83	75.75	75.66	75.61	75.59	2177.83	70.25
Treated Water	10^3 M^3	17	4.37	3.84	4.38	3.96	3.58	3.34	3.61	4.35	4.45	4.50	4.56	5.03	5.78	5.25	5.34	4.83	5.61	5.17	4.64	3.59	4.14	4.11	4.09	4.84	4.09	3.59	3.47	3.54	3.38	3.69	3.61	132.73	4.28
Peak Instantaneous - Treated Water	L/s	n/a	84.33	84.13	87.33	83.86	81.71	79.73	79.36	83.14	97.69	92.49	85.51	86.37	84.67	####	84.43	85.29	85.15	84.54	83.49	80.93	81.22	83.54	82.36	103.72	87.40	81.26	79.72	81.93	80.14	80.96	80.31	2651.65	85.54
BackWash Water	10^3 M^3	n/a	0.275	0.268	0.239	0.282	0.268	0.237	0.280	0.270	0.239	0.283	0.270	0.238	0.275	0.000	0.000	0.270	0.235	0.277	0.000	0.269	0.285	0.200	0.271	0.237	0.279	0.273	0.273	0.284	0.267	0.519	0.269	7.632	0.246
Fluoride Information																																			
Fluoride Residual - Treated Water	mg/l	0.5 to 0.8	0.66	0.68	0.69	0.70	0.70	0.69	0.70	0.71	0.71	0.72	0.72	0.71	0.71	0.71	0.73	0.73	0.72	0.74	0.76	0.76	0.78	0.81	0.80	0.81	0.80	0.80	0.80	0.63	0.63	0.63	0.63	22.37	0.72
Turbidity Information																																			
Raw Water	NTU	n/a	1.95	1.89	1.99	1.81	1.86	1.88	1.83	1.91	1.93	1.97	1.88	1.90	1.81	1.87	1.89	1.92	1.78	1.88	1.79	1.81	1.91	1.50	1.47	1.61	1.52	1.55	1.47	1.60	1.58	1.63	1.68	55.07	1.78
Settled Water	NTU	n/a	0.14	0.12	0.14	0.12	0.10	0.12	0.13	0.12	0.14	0.13	0.14	0.13	0.14	0.14	0.13	0.13	0.14	0.12	0.14	0.14	0.14	0.27	0.17	0.14	0.14	0.12	0.14	0.14	0.14	0.12	0.14	4.27	0.14
Treated Water	NTU	1	0.07	0.05	0.08	0.07	0.07	0.08	0.07	0.08	0.08	0.08	0.08	0.07	0.07	0.08	0.08	0.08	0.07	0.06	0.06	0.07	0.06	0.06	0.06	0.07	0.09	0.07	0.06	0.07	0.08	0.08	0.09	2.24	0.07
Other Operating Parameters																																			
pH - Treated Water	no units	6.5 to 8.5	7.10	7.07	7.12	7.03	7.05	7.12	6.98	6.98	6.98	6.97	7.08	7.04	7.01	6.90	6.92	6.94	6.86	6.99	7.07	6.78	6.87	6.97	7.00	6.79	7.01	7.00	6.86	6.89	6.91	6.91	6.90	216.10	6.97
pH - Settled water	no units	n/a	6.22	6.18	6.27	6.15	6.12	6.15	6.23	6.37	6.37	6.38	6.29	6.30	6.26	6.16	6.21	6.36	6.24	6.17	6.22	6.09	6.20	6.41	6.38	5.99	6.21	6.19	6.12	6.10	6.18	6.24	6.12	192.88	6.22
pH - Raw Water	no units	n/a	7.01	7.07	7.00	6.92	6.99	7.00	7.02	6.97	6.91	6.95	7.01	6.97	6.93	6.98	6.95	6.94	6.82	6.87	6.91	6.85	6.82	6.86	6.91	6.81	7.00	7.00	6.96	6.98	7.00	7.03	7.05	215.49	6.95
FAC - Treated Water	mg/l	0.2 to 4	2.36	2.33	2.42	2.16	1.97	2.22	2.30	2.24	2.30	2.26	2.15	2.34	2.42	2.54	2.34	2.13	2.21	2.21	2.14	2.15	2.11	1.83	1.63	2.18	2.00	1.82	2.19	1.93	1.84	1.93	2.32	66.97	2.16
Total Chlorine Residual Treated	mg/l	0.3 to 7	2.52	2.54	2.62	2.32	2.19	2.46	2.56	2.58	2.58	2.56	2.64	2.70	2.68	2.80	2.66	2.28	2.52	2.48	2.36	2.28	2.34	2.30	2.13	2.48	2.19	1.99	2.34	2.20	2.04	2.13	2.40	74.87	2.42
Temperature	C	15	22.0	22.0	22.0	21.0	21.0	22.0	22.0	22.0	21.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	23.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	20.0	20.0	20.0	20.0	672.0	21.7
Fluoride used (Total Daily Consumption)	kg	n/a	18.0	20.0	19.0	20.0	20.0	19.0	19.0	19.0	19.0	19.0	18.0	18.0	19.0	20.0	22.0	21.0	22.0	21.0	22.0	20.0	24.0	25.0	25.0	24.0	25.0	24.0	22.0	24.0	22.0	24.0	22.0	656.0	21.2
Chlorine used (Total Daily Consumption)	kg	n/a	28.0	28.0	28.0	28.0	25.0	28.0	28.0	28.0	27.0	29.0	27.0	28.0	29.0	32.0	32.0	31.0	32.0	31.0	32.0	32.0	31.0	31.0	31.0	31.0	31.0	30.0	29.0	30.0	29.0	29.0	33.0	919.0	29.6
Soda ash (Total Daily Consumption)	kg	n/a	188.3	186.9	186.9	190.1	186.6	184.8	185.5	188.0	186.6	187.3	184.8	186.6	192.9	208.6	225.8	225.4	230.0	222.3	235.9	225.8	226.5	228.2	228.2	230.3	232.4	227.2	217.7	227.2	222.6	233.8	226.8	6509.3	210.0
Soda Ash - Dosage	mg/l	n/a	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	1085.0	35.0
Alum residual - (Total Daily Consumption)	kg	n/a	188.3	186.9	186.9	190.1	186.6	184.8	185.5	188.0	186.6	187.3	184.8	186.6	192.9	208.6	225.8	225.4	230.0	222.3	235.9	225.8	226.5	228.2	228.2	230.3	232.4	227.2	217.7	227.2	222.6	233.8	226.8	6509.3	210.0
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	0.03	0.01	0.05	0.05	0.04	0.05	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.03	0.04	0.01	0.01	0.01	0.02	0.06	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.63	0.02
Poly bags added (25 kg bags )	kg				0.5					0.5						0.5				0.5				0.5									0.5	75.0	

September 19, 2018

Report To: Mayor and Council

From: Travis Rob, Manager of Operations and Facilities

**RE: Local Improvement Fees – Water Service Connections Kings Highway from Pit Road #1 Pit Road #2**

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In the Spring of 2018 the owners of 1530 Kings Highway approached the Operations and Facilities division looking for a water service connection for their property. Due to the location of the watermain and a need to keep from digging up the entire roadway in this area, we included this installation in the Capital Tender for 2018. During the time when this was being tendered, it was noted that the watermain in this area was installed under a Local Improvement type of arrangement.

A great deal of research was conducted into this and the costs to be borne by the residents. The By-Law that was passed for this 6/92 - D, copy attached to this report. The original project was to install a watermain from Pit Road #2 to Oakwood Road and Oakwood Road to Lyndy Place North for a loop of the main to improve pressure and water quality to Lyndy Place and the end of Colonization Road West. The By-Law is specific to those limits, however during the construction the project limits were extended from Pit Road #2 to Pit Road #1. The local improvement By-Law was never amended to reflect this change in project extents, and it is unclear if the extended length was intended to be funded in this fashion. To date no property owner from Pit Road #1 to Lyndy Place North have paid the fees to connect to this main, even though there are a number of properties with connections between Pit Road #1 and Pit Road #2.

Given the contents of the By-Law and the historical information that was gathered, Administration does not feel that any fees can be charged to the property owners fronting Kings Highway from Pit Road #1 to Pit Road #2 to tie into the watermain along Kings Highway, other than the costs associated with the service installation.

Respectfully Submitted



Travis Rob, P.Eng

**Council approval of this report will agree with the recommendation of Administration that fees can not be charged to the property owners fronting Kings Highway from Pit Road #1 to Pit Road #2 to tie into the watermain along Kings Highway, other than the costs associated with the service installation.**

Manager of Operations and Facilities



**TOWN OF FORT FRANCES**

**BY-LAW NO. 6/92-D**

(Being a by-law to fix charges for installation of water service pipes/connections from a certain new watermain to the street line along King's Highway and Oakwood Road - the Local Improvement Act, R.S.O. 1990, c.L.26, the Municipal Act, R.S.O. 1990, c.M.45, the Public Utilities Act, R.S.O. 1990, c.P.52:)

**WHEREAS** by By-Law No. 24/96 enacted May 13, 1996, Council approved the construction of a certain new watermain along a portion of King's Highway and a portion of Oakwood Road;

**AND WHEREAS** Section 2 of By-Law No. 24/96 provides for construction of private water service pipes from the watermain to the street line on either or both sides of said watermain and are to be specially assessed upon the particular lot for or in connection with which they are constructed;

**AND WHEREAS** by resolution passed May 13, 1996, Council directed that this by-law be prepared;

**NOW THEREFORE** Council for the Corporation of the Town of Fort Frances **HEREBY ENACTS** as follows:-

1. That Town of Fort Frances By-Law No. 6/92, as amended, be now further amended as follows:

1) By the addition of a new section as follows:

2.1. That with respect to private water service pipes/connections constructed to the street line from a main constructed under authority of Town of Fort Frances By-Law No. 24/96, along King's Highway from Pit Road No. 2 to Oakwood Road and along Oakwood Road from King's Highway to Lindy Place North, the owner(s) of the property for or in connection with which said private water service pipes/connections are constructed shall pay, in addition to those costs set out in Section 2., an amount calculated as a pro rata share of the actual costs of constructing said watermain expressed as a metre frontage rate applied against the total frontage of their property abutting the work.

Payment of the frontage charge shall be effected by the property owners in one of the following three methods:

1. They may commute, by payment in full, within 30 days from the date of a notice from the Town that the construction is completed and showing the amount of the charges payable;
2. They may elect to transfer their total costs as a one time levy to their tax account to be paid similar to taxes;
3. They may elect to have the costs levied in the same manner as taxes over fifteen (15) years in equal annual installments including interest calculated at 8% annually.


This by-law shall come into force and take effect on the final passing thereof.

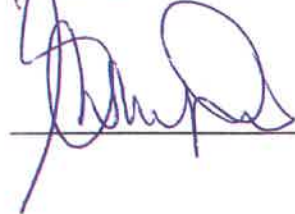


Town of Fort Frances

By-Law No. 6/92-D

READ THREE TIMES and finally passed in open Council this 10th day of June, 1996.

  
\_\_\_\_\_  
Mayor

  
\_\_\_\_\_  
Clerk

September 19, 2018

Report To: Mayor and Council

From: Travis Rob, Manager of Operations and Facilities

**RE: Award of Tender 18-OF-11 – Three (3) Year Equipment/Vehicle Rental**


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Please find attached a report prepared by Milt Strachan, Transportation Superintendent outlining the hourly rental rates for various pieces of equipment and vehicles. Most pieces of equipment have several contractors who are able to supply the equipment, where the hourly rental rates vary among the contractors.

These hourly rental rates are in place from September 12, 2018 to September 12, 2021 (three year term).

It is recommended by the Operations & Facilities Executive Committee that Council approve the hourly rental rates for equipment and vehicles as submitted for a three-year period until September 12, 2021.

Respectfully Submitted



Travis Rob, P.Eng

<p><b>Council approval of this report will ensure that hourly rental rates for Construction Equipment and Vehicles are in place for a three (3) year period until September 12, 2021 as tendered.</b></p>
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Manager of Operations and Facilities

2018Sept Tender 18-OF-11 Equipment rentals

September 14, 2018

Report To: Travis Rob, Manager of Operations and Facilities

From: Milt Strachan, Transportation Superintendent

Re: Tender No. 18-OF-11, Three (3) Year Equipment/Vehicle Rental

The tender for the equipment/vehicle rentals closed on September 11, 2018.

Four (4) tenders were submitted, Tom Veert Contracting, George Armstrong Company Ltd., Daryl's Custom Landscapes Ltd. And Roling Lake Holdings Ltd.

The attached spreadsheet contains all of the information for each class of equipment/vehicle in the tender in order from the lowest price to the highest.

I have sent all of the participating Company's a copy of the spreadsheet so that they will know where they are in the pecking order when we need rentals

It is my recommendation that Tender No. 18-OF-11, Three Year Vehicle/Equipment Rental be accepted as presented.

Respectfully Submitted,



Milt Strachan,  
Transportation Superintendent

**TENDER NO. 18-OF-11**

**TOWN OF FORT FRANCES  
OPERATIONS AND FACILITIES DIVISION**

**EQUIPMENT/VEHICLE RENTAL RATES**

**Effective September 12, 2018 to September 12, 2021**

**\*NOTE:** All prices are per hour with operator unless otherwise indicated.

**ITEM #1 HYDRAULIC BACKHOE - CRAWLER**

**(A) Minimum Operating Weight - 15,000 kg.**

<b>Contractor</b>	<b>Description</b>	<b>Price</b>
Rolling Lake Holdings Ltd.	Case 210CX (2006) – 1.0 m3 Bucket	\$120.00
Tom Veert Contracting	John Deere 135 (2012) – 1 ½ yd. Bucket	\$140.00
Daryl's Custom Landscapes Ltd.	Case CX 210 (2004) – 1 ½ yd. Bucket	\$140.00

**(B) Minimum Operating Weight – 23,000 kg.**

<b>Contractor</b>	<b>Description</b>	<b>Price</b>
George Armstrong Co. Ltd.	Cat 325BL (1997) – 2 yd. Bucket	\$129.00
George Armstrong Co. Ltd.	Cat 329EL (2014) – 2.5 yd. – 72" Ditch.	\$130.00
Rolling Lake Holdings Ltd.	Yutani 240 (1989) – 1.3 m3 Bucket	\$130.00
Tom Veert Contracting	John Deere 245 (2018) – 2 yd. Bucket	\$195.00

(C) Minimum Operating Weight - 44,000 kg.

Contractor	Description	Price
George Armstrong Co. Ltd.	Cat 235C (1992) - 3 yd. Bucket & Ripper	\$150.00
George Armstrong Co. Ltd.	Cat 235D (1993) - 3.5 yd. Bucket & Ripper	\$165.00
George Armstrong Co. Ltd.	Cat 349EL (2015) - 3.5 yd. Bucket & Ripper	\$250.00
Tom Veert Contracting	John Deere 470 (2015) - 4 yd. Bucket	\$285.00

## ITEM #2 HYDRAULIC BACKHOE - RUBBER

(A) Minimum Operating Weight - 11,000 kg.

Contractor	Description	Price
Daryl's Custom Landscapes Ltd.	Kubota KX080 - (2014) - ¼ & 1 yd. Buckets	\$100.00
Tom Veert Contracting	John Deere 310 (2013) - 1 ½ yd. Bucket	\$125.00

(B) Minimum Operating Weight - 18,000 kg.

Contractor	Description	Price
Rainy Lake Holdings Ltd.	Cat 224 (1985) - 1 m3	\$140.00

**ITEM #3 FRONT END LOADER - CRAWLER**

(A) Minimum Operating Weight - 6500 kg.

**No Bids Submitted**

(B) Minimum Operating Weight - 10,000 kg.

**No Bids Submitted**

(C) Minimum Operating Weight - 13,500 kg.

Contractor	Description	Price
Tom Veert Contracting	John Deere 755C (2010) – 3 ½ yd.	\$185.00

**ITEM #4 TRACTOR BULLDOZER - CRAWLER**

(A) Minimum Net Flywheel Power 160 kw

Contractor	Description	Price
George Armstrong Co. Ltd.	Cat D6C (1974) - Winch	\$115.00
George Armstrong Co. Ltd.	Cat D5G(LGP) - (2007) – 6 Way	\$115.00
Tom Veert Contracting	Cat D6T - 2010	\$180.00

(B) Minimum Net Flywheel Power 210kw

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Contractor	Description	Price
Rolling Lake Holdings Ltd.	Dresser TD25-C (1979)	\$170.00
Tom Veert Contracting	Cat D8T (2010)	\$265.00

#### ITEM #5 - FRONT END LOADER - 4WD RUBBER

(A) Minimum Operating Weight - 10,500 kg

Contractor	Description	Price
Rolling Lake Holdings Ltd.	Komatsu WA250 (1997) – 1.9 m3	\$90.00
Rolling Lake Holdings Ltd.	Cat 938G (1998) – 2.4 m3	\$90.00
George Armstrong Co. Ltd.	Cat IT28B (1991) – 2.4 yd. – Forks, Boom, Snow Bucket, Snow Blade	\$100.00
George Armstrong Co Ltd.	Cat IT28G (1998) – 2.6 yd. – Forks, Boom, Snow Bucket, Snow Blade	\$100.00
George Armstrong Co. Ltd.	Cat 924K (2014) – 2.6 yd. – Forks, Boom, Snow Bucket, Snow Blade	\$100.00
Tom Veert Contracting	John Deere 624K – 2012 – 4 yd. Bucket	\$155.00

(B) Minimum Operating Weight - 14,000 kg

Contractor	Description	Price
Tom Veert Contracting	Komatsu 400 (1999) – 4 ½ yd. Bucket	\$170.00

(C) Minimum Operating Weight - 16,500 kg

Contractor	Description	Price
Tom Veert Contracting	Cat 966 (1998) – 5 yd. Bucket	\$180.00

(D) Minimum Operating Weight - 20,000 kg

Contractor	Description	Price
Daryl's Custom Landscapes Ltd.	John Deere 524K (2015) – 2.75 cu. yd.	\$115.00
Rolling Lake Holdings Ltd.	Komatsu WA450 – 4.6 m3	\$125.00
Tom Veert Contracting	John Deere 824 (2010) – 6 yd. Bucket	\$195.00

(E) Minimum Operating Weight - 28,000 kg

Contractor	Description	Price
George Armstrong Co. Ltd.	Cat 980C (1989) – 6 yd.	\$125.00
Rolling Lake Holdings Ltd.	Cat 980C (1985) – 5.5 m3	\$125.00
George Armstrong Co. Ltd.	Cat 980G (1998) – 6.75 yd.	\$130.00
George Armstrong Co. Ltd.	Cat 980H (2007) – 7.25 Yd.	\$155.00
Tom Veert Contracting	John Deere 844J (2015) – 8 yd.	\$250.00

**ITEM #6 - MOTOR GRADER**

(A) Minimum Operating Weight - 11,500 kg.

Contractor	Description	Price
Tom Veert	John Deere 772 (1998) – 14' Moldboard,	\$140.00

(B) Minimum Operating Weight - 15,500 kg.

Contractor	Description	Price
Rolling Lake Holdings Ltd.	Cat 140H (2002)	\$110.00



Rolling Lake Holdings Ltd.	Cat 140H (2004)	\$110.00
George Armstrong Co. Ltd.	Cat 14G (1986) – 16' Moldboard	\$120.00
Tom Veert Contracting	John Deere (2010) – 14' Moldboard	\$150.00

**ITEM #7 TANDEM TRUCKS - See back for Listing**

**ITEM #8 - LOADER/BACKHOE COMBINATION**

(A) Minimum Power - 30 k

Contractor	Description	Price
Rolling Lake Holdings Ltd.	Bobcat 763 (1998) - .49 m3	\$65.00
Tom Veert Contracting	John Deere 310 (2013) – 1 ½ yd.	\$125.00

(B) Minimum Power - 45 kw

Contractor	Description	Price
Rolling Lake Holdings Ltd.	Bobcat 864 (2001) - .76 m3	\$75.00
Daryl's Custom Landscapes Ltd.	Cat 416 (1992) – 1.25 m3	\$85.00

**ITEM #9 FRONT END LOADER - SKID STEER**

(A) Minimum Bucket Size - 0.5 Cu. M

Contractor	Description	Price
George Armstrong Co. Ltd.	Cat 257B (2003) – Bucket, Forks, Broom, Brusher	\$ 95.00

(B) Minimum Bucket Size - 0.75 Cu. M

Contractor	Description	Price
George Armstrong Co. Ltd.	Cat 299DXHP (2013) – Bucket, Forks, Broom, Brusher	\$100.00
Tom Veert Contracting	John Deere 323 (2018)	\$125.00

#### ITEM #10 - AIR COMPRESSOR WITH HAMMER

Contractor	Description	Price
Tom Veert	Sullair 180 (2010) 10 lb to 150 lb hammer	\$50.00

#### ITEM #11 - OTHER EQUIPMENT

Contractor	Description	Price
Tom Veert Contracting	Trench Box – Empire 814 (1993) 8' x 14'	\$300.00 per day
George Armstrong Co. Ltd.	Generator/Light Tower – Mobilight 16.5 kw (2006)	\$30.00
George Armstrong Co. Ltd.	Air Compressor – Ingersoll 375HP (2010)	\$40.00
George Armstrong Co. Ltd.	4x4 Rock Wagon – Cat D35HP (1987) – 35 Ton Capacity	\$125.00
George Armstrong Co. Ltd.	4x4 Rock Wagon – Cat D35HP (1987) – 35 Ton Capacity	\$125.00
George Armstrong Co. Ltd.	Steel Vibratory Packer – Ingersoll SD100 (1988) – 84" Drum	\$115.00
George Armstrong Co. Ltd.	75 Ton Lowbed Float – KW W900 (2000)	\$150.00
George Armstrong Co. Ltd.	Water Truck/Fire Truck – Sterling 9530 (2001) – 4400 gallons	\$100.00
George Armstrong Co. Ltd.	50 Ton Crane – Peterbilt (2015)-110' Boom	\$285.00

Daryl's Custom Landscapes Ltd.	Dozer – John Deere 550J IGP (2006) – 10' Blade	\$85.00
Daryl's Custom Landscapes Ltd.	Mini Ex. – Kubota KX 41 – 1.5 cu. ft. – 12' reach	\$95.00
Daryl's Custom Landscapes Ltd.	Mini Ex. – Kubota KX 121 – 1.5 cu.ft. – 18' reach	\$95.00

Daryl's Custom Landscapes Ltd.	Mini Ex. – Kubota KX 33 – 1.5 cu.ft. – 16 ' reach	\$95.00
Daryl's Custom Landscapes Ltd.	Mini Skid Steer – Vermeer 5800TX (2010) - .5 yd. – Lots of Tools	\$80.00
Daryl's Custom Landscapes Ltd.	Utility Vehicle – Toolcat 5600 (2017) – Lots of Tools	\$85.00

**ITEM #7 Tandem Trucks**

NAME	MAKE/MODEL	LIC PLATE NO.	Box Capacity	ALL GROSS WEIGHT (KG)	VEH. TARE WEIGHT (KG)	Inspection Certificate Expiry Date	PRICE/HOUR INCL. H.S.T.		WINTER OPERATION
Rolling lake Holdings Ltd.	Ford LT9513 1998	AC87629	15.3 m3	34400		?	\$85.00		Yes
Rolling Lake Holdings Ltd.	WSTR 4900 1996	9068LF	15.3 m3	35490		?	\$85.00		Yes
Rolling Lake Holdings Ltd.	Peterbilt 359 2007	AE81354	15.3 m3	34400		?	\$85.00		Yes
Rolling Lake Holdings Ltd.	Sterling 9522 2004	AH22527	15.3 m3	34400		?	\$85.00		Yes
Tom Veert Contracting	KW 880 2016	AK66343	24 yd3	36000		19-05-17	\$105.00		Yes
Tom Veert Contracting	KW 880 2016	AK66344	24 yd3	36000		19-05-24	\$105.00		Yes
Tom Veert Contracting	Peterbilt 365 2015	AD80795	24 yd3	36000		19-04-05	\$105.00		Yes

September 19, 2018

Report To: Mayor and Council

From: Travis Rob, Manager of Operations and Facilities

**RE: Strategic Plan Item 42 – Investigation of Green Space Plan**

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As we draw to a close on the current term of Council and with the changes to the properties currently owned and maintained by the Town of Fort Frances Operations and Facilities Division, an update on the Town's Green Space is timely. At the start of the current term of council the Town maintained 36 properties totalling 125.148 acres of green space.

Since that time, there have been a few properties that have been removed from that listing:

1. Huffman School Property, known as Huffman Court Subdivision: 1.51 acres
2. Property East of Shevlin Wood Yard: 0.42 acres
3. Front Street Condo Property: 1.09 acres
4. 990/992 Kings Highway (Private Lots not included in the 35 properties): 0.755 acres
5. 821 Kings Highway (Private Lots not included in the 35 properties): 0.415 acres

Total Lost: 4.19 acres

Coming into the 2019 cutting season there are some other changes that we are anticipating

1. Addition of the Shevlin Wood Yard: 22.20 acres
2. Addition of 420 Mowat Avenue (Nurses Station): 0.06 acres
3. End of the Contractor Care at the Rainy Lake Square: maintenance only
4. Addition of Care of the Museum courtyard (Summer): maintenance only
5. Addition of Care of the MSC/Library Yard: 1.50 acres
6. Removal of new OPP Detachment Lot: 5.56 acres

Total Gained: 18.20 acres

Many of the properties that we are losing were cut with the large gang mower and many of the properties we are gaining will require smaller equipment and more manpower to maintain. In 2017, as a budgetary saving measure, the Parks Summer Student crew was reduced from 13 to 12 with the proposed removal of the Tourist Information building, reduction in Huffman Lots and sale of the condo property on Front Street. With the additional properties acquired starting in the 2019 season, and the continued operation of the Tourist Information Building, the 2019 budget will include the addition of 1 additional student for the Parks and Cemeteries area for consideration.

It is the recommendation of the Operations and Facilities Executive Committee that the greenspace changes as described per Strategic Plan Item 42 be accepted, and the addition of additional labour be considered as part of the 2019 budget process.

Respectfully Submitted

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

Travis Rob, P.Eng

**Council approval of this report will ensure that greenspace changes as described per Strategic Plan Item 42 be accepted, and the addition of additional labour be considered as part of the 2019 budget process.**

Manager of Operations and Facilities

2018Sept Greenspace Planning Strat Plan

**TOWN OF FORT FRANCES**  
**Operations and Facilities Division - Environmental Area - Operations Statistics**  
**(May 2018)**

**STAFFING:**

See Operations Statistics (May) 2018 prepared by M. Strachan, Superintendent of Transportation

**OVERTIME HOURS - Equivalent Straight Time Hours**

See Operations Statistics (May) 2018 prepared by M. Strachan, Superintendent of Transportation

**WATER DISTRIBUTION:**

Water Main Breaks:

- Number of water main breaks: Three (3)
- 535 Webster Ave., Armit Ave. (400 blk.) and Reid Ave. at Gillon St.

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

Main Valve Replacements:

- Number of water main valve replacements: One (1)
- Church St. at Armit Ave. (VAL 337)

Water Service Breaks:

- Number of water service breaks: None

Water Service Repairs:

- Number of water service repairs: Three (3)
- 275 First St. E., 1017 Patcin Ave. and 1007 Patcin Ave.

Water Service Installations (NEW):

- 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-one (21)
  - 1404 King's Hwy., 516 Third St. E., 235 Scott St., 1525 Colonization Rd. W., 700 McIrvine Rd.
  - 515 Second St. E. (2), 413 First St. E., 401 King's Hwy., 400 Central Ave., 228 Third St. E.,
  - 1301 Calder Dr., 800 Calder Dr., 1271 Idywild Dr., 413 First St. E., 921 Second St. E. (2)
  - 602 Church St. (2), 816 Crowe Ave. and 237 Eight St. W. (W. Unit)

Frozen Water Services:

- Number of frozen water services: None

Water Meter Installations/Replacements:

- Number of water meter installations/replacements: One (1)
  - 513 Portage Ave.

Backflow Preventer Installations/Replacements:

- Number of backflow preventer new installations: One (1)
  - 513 Portage Ave.

Backflow Preventer Annual Testing:

- Number of backflow preventer tested: Two (2)
  - 235 Scott St. and 513 Portage Ave.

Other Information:

- Sunny Cove Camp - re-assembling of the equipment for water system.
- Commenced with the valve exercising program (Area 3) and hydrant valve exercising.
- Replaced missing and faded markers on fire hydrants.
- Summarized final costs for invoicing of private works.
- Recorded locations of curb stops at various locations.
- May 15, 2018 - G. Wiedenhoeft, L. Carmody and B. Patterson attended a course on Traffic Control at the FFPC.
- May 22, 2018 - Bay City Contractors began construction of Third Street East and Makkinga Contracting on the Mill Road Overpass.
- May 29, 2018 - Connection inspection of the water service at 821 Huffman Ct.

**WATER TREATMENT PLANT:**

- May, 2018 - In receipt of the Water Treatment Facility Monthly Report.

**SEWERAGE COLLECTION:**

Wastewater Main Backups:

- Number of wastewater main backup: None

Sewer Main Repairs:

- Number of sewer main repairs: None



**Sewer Manhole Repairs:**

- Number of sewer manhole repairs: None

**Sewer Service Repairs:**

- Number of sewer service repairs: Three (3)
  - 1017 Portage Ave., 1007 Portage Ave. and 1500 School Rd.

**Sewer Service Replacements:**

- Number of sewer service installations: None

**Sewer Service Installations (NEW):**

- Number of water service installations: None

**Sewer Service Terminations:**

- Number of water service terminations: None

**Other Information:**

- Cleaned sixteen (16) plugged sewer services at the following locations:
  - 1110 Nelson St., 1208 Olde Shambles Rd., 331 Second St. E., 523 Second St. E., 934 Victoria Ave. N.
  - 323 Third St. W., 1122 Third St. E., 314 Armit Ave., 834 Third St. E., 309 Armit Ave., 713 Webster Ave.
  - 825 Crowe Ave., 605 Crowe Ave., 1500 School Rd. (2) and 1318 Colonization Rd. W.
- Completed a television inspection of the sewer services at 320 Portage Ave. (OPP) and 1208 Olde Shambles Rd.
- Recorded locations of cleanouts at various locations.
- Sewer main flushing (Dead Ends)
- May 23, 2018 - Cambrian started flushing/cleaning and televising of the sanitary sewer mains.
- May 29, 2018 - Completed a connection inspection of the sewer services at 821 Huffman Ct.

**WASTE-WATER TREATMENT FACILITY:**

- May, 2018 - Received 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 properly during this period.

- Amount of residential waste delivered to the landfill:
  - 283,130 kgs (283.13 tonnes)
- Amount of ICI waste delivered to the landfill:
  - 406,850 kgs (406.85 tonnes)
- May 12, 2018 - Free tipping day at the landfill - Yard Waste Only (237 vehicles).
- May 24, 2018 - received a load of garbage from Mine Centre - 1.74 tonnes

**Recycling:**

- Number of complaints regarding recycled materials:

- Town - 0 complaints, Asselin's - 2 complaints
- Amount of recycled waste diverted from the landfill:
  - Emterra - May - no data.

Prepared By: \_\_\_\_\_

Environmental & Facilities Superintendent

Date: \_\_\_\_\_

**TOWN OF FORT FRANCES**  
**Operations and Facilities Division - Environmental Area - Operations Statistics**  
**(June 2018)**

**STAFFING:**

See Operations Statistics (June) 2018 prepared by M. Strachan, Superintendent of Transportation

**OVERTIME HOURS - Equivalent Straight Time Hours**

See Operations Statistics (June) 2018 prepared by M. Strachan, Superintendent of Transportation

**WATER DISTRIBUTION:**

Water Main Breaks:

- Number of water main breaks: One (1)
- Sixth St. W. - 500 blk.

Hydrant Repairs:

- Number of hydrant repairs: One (1)
- Nelson St. at Crowe Ave.

Hydrant Replacements:

- Number of hydrant replacements: Four (4)
- Third St. E. at Reid Ave. (HYD226), 601 Crowe Ave. (HYD226), 1300 Fifth St. E. (HYD318)
- Keating Ave. at Morrison Cresc. (HYD135),

Hydrant Installations (NEW):

- Number of new hydrant installations: None

Main Valve Repairs:

- Number of water main valve repairs: None

Main Valve Replacements:

- Number of water main valve replacements: Four (4)
- First St. E. at Reid Ave. (VAL454), Nelson St. at Armit Ave. (VAL332), Sinclair St. at Armit Ave. (VAL331)
- Wright Ave. at Third St. W. (VAL118)

Water Service Breaks:

- Number of water service breaks: None

Water Service Repairs:

- Number of water service repairs: None

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": Ten (10)
  - 1144 Second St. E., 1043 Christie Ave. N. (2), 1201 Idylwild Dr., 755 Third St. W. (2), 237 Eighth St. W.
  - 335 Scott St. and 207 Sixth St. E. (2)

Frozen Water Services:

- Number of frozen water services: None

Water Meter Installations/Replacements:

- Number of water meter installations/replacements: Two (2)
  - 1043 Christie Ave. N. and 740 Sixth St. W.

Backflow Preventer Installations/Replacements:

- Number of backflow preventer installations/replacements: Two (2)
  - 1043 Christie Ave. N. and 740 Sixth St. W.

Backflow Prevention - Testing:

- Number of backflow preventers tested: Five (5)
  - 1043 Christie Ave. N., 740 Sixth St. W., Contractor's backflow flow device, 310 Scott St.
  - and 1031 King's Hwy.

Other Information:

- Summarized final costs for invoicing of private works associated with private works
- Continued with the valve exercising program (Area 3) and hydrant valve exercising.
- Recorded locations of curb stops at various locations.
- Worked in conjunction with Makkinga to isolate the existing water main, disinfect and test water quality before putting the mains back into service - replacement of four (4) fire hydrants and isolation valves..
- Replaced missing and faded markers on fire hydrants.

**WATER TREATMENT PLANT:**

- June, 2018 - In receipt of the Water Treatment Facility Monthly Report.
- June 15, 2018 - Sunset Protection Systems at plant to complete annual testing of fire system and extinguishers.

**SEWERAGE COLLECTION:**

Wastewater Main Backups:

- Number of wastewater main backup: None

Wastewater Main Repairs:

- Number of wastewater main repairs: None

Wastewater Manhole Repairs:

- Number of wastewater manhole repairs: None

Sewer Service Repairs:

- Number of sewer service repairs: One (1)
  - 561 Church St.

Sewer Service Replacements:

- Number of sewer service replacements: None

Sewer Service Installations (NEW):

- Number of sewer service installations: None

Sewer Service Terminations:

- Number of water service terminations: None

Other Information:

- Cleaned thirteen (13) plugged sewer services at the following locations:
  - 500 Keating Ave., 511 Victoria Ave., 1509 School Rd., 425 First St. E., 433 King's Hwy., 1018 Crowe Ave.,
  - 1500 School Rd. (2), 411 Third St. E., 500 Front St., 145 Sixth St. E., 1014 Fifth St. E.
  - 618 Second St. E.
- June 5, 2018 - Connection inspection of the water service at 1455 Idylwild Dr.
- June 21, 2018 - Cambrian completed the cleaning and televising the sanitary sewer mains
- June 27 & 28, 2018 - G. Wiedenhoeft inspected the sanitary sewer service connection at 1300 Fifth St. E.
- Recorded locations of cleanouts at various locations.

**WASTE-WATER TREATMENT FACILITY:**

- June 2018 - 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 properly during this period.

- Amount of residential waste delivered to the landfill:
  - 235,720 kgs (235.72 tonnes)
- Amount of ICI waste delivered to the landfill:
  - 392,930 kgs (392.93 tonnes)
- June 2018 - Bay City hauled material from their respective construction sites to the landfill - cover material.
- June 4 & 7, 2018 - K.J. Refrigeration on site to remove the refrigerants from the appliances.

Recycling:

- Number of complaints regarding recycled materials:
  - Town - 0 complaints, Asselin's - 2 complaints
- Amount of recycled waste diverted from the landfill:
  - Emterra - January - 58.00 tonnes, February - 32.87 tonnes, March - 38.65 tonnes, April - 43.69 tonnes & May - 31.42 tonnes

Prepared By: \_\_\_\_\_

Environmental & Facilities Superintendent

Date: \_\_\_\_\_

**Aircraft Landings 2018**  
As of August 17, 2018 Statistics - Page 1/2

Month	Bearskin Flights			Bearskin- Passengers			Government			Private			Med-I-vacs			International			Commercial			Totals			Variance
	2018	2017	2016	2018	2017	2016	2018	2017	2016	2018	2017	2016	2018	2017	2016	2018	2017	2016	2018	2017	2016	2018	2017	2016	2018-2017
January	68	76	70	198	308	261	0	0	1	3	2	3	55	42	30	2	4	3	73	48	36	201	143	177	58
February	66	80	69	187	334	233	0	1	1	2	1	1	57	32	35	3	0	1	56	39	49	184	156	155	28
March	73	90	69	249	336	199	0	10	0	5	4	17	43	50	34	6	14	3	57	51	55	184	178	192	6
1/4 Total	207	246	208	634	978	693	0	11	2	10	7	21	155	124	99	11	18	7	186	138	140	569	477	524	92
April	77	67	81	270	289	288	0	0	7	7	18	8	42	40	47	6	4	3	42	41	40	174	186	201	-12
May	77	87	88	276	389	309	4	8	4	19	8	9	35	50	37	28	0	32	54	54	59	217	229	259	-12
June	68	82	76	219	324	273	4	10	0	24	16	30	36	38	38	70	14	77	49	63	52	251	273	328	-22
1/2 Total	429	482	453	1399	1980	1563	8	29	13	60	49	68	268	252	221	115	36	119	331	296	291	1211	1165	1312	46
July	74	70	72	228	224	221	10	3	2	40	26	48	38	52	51	79	76	66	41	54	47	282	286	324	-4
August	69	82	84	219	292	256	6	4	6	41	27	42	41	46	66	65	80	71	44	50	53	266	322	313	-56
September		79	78		267	277		7	1		14	15		40	40		42	45		39	51	0	230	249	-230
3/4 Total	572	713	687	1846	2763	2317	24	43	22	141	116	173	347	390	378	259	234	301	416	439	442	1759	2003	2198	-244
October		72	85		255	357		6	2		16	10		44	41		18	18		42	47	0	203	214	-203
November		71	72		281	328		0	3		2	20		28	28		0	7		40	38	0	168	146	-168
December		62	64		199	231		0	0		2	0		36	29		0	0		40	29	0	122	139	-122
Total	572	918	908	1846	3498	3233	24	49	27	141	136	203	347	498	476	259	252	326	416	561	556	1759	2496	2697	-737

Fort Frances Airport - Page 2/2 - Fuel Sales - As of September 12, 2018																			
Fuel Sales Recap - 2018									2018	2017	2016	2015	2014	2013	2012	2011	2010	9 year	Variance
Month	100LL		Jet Trk		Jet Cab		Month	Year	per	per	per	per	per	per	per	per	per	Average	2018-2017
	Liters	Total	Liters	Total	Liters	Total	Total	Total	month	month	month	month	month	month	month	month	month	2018 to 2009	month
January	269	269	16,228	16,228	100	100	16,597	16,597	16,597	25,675	7,528	8,692	11,543	7,216	10,252	7,308	10,971	12,177	-9,078
February	363	632	15,923	32,151	0	100	16,286	32,883	16,286	12,503	11,904	11,231	12,304	6,197	6,918	3,687	5,782	9,995	3,783
March	226	858	9,572	41,723	0	100	9,798	42,681	9,798	21,928	13,255	17,795	10,508	12,077	9,329	10,390	15,539	13,023	-12,130
April	391	1,249	10,007	51,730	0	100	10,398	53,079	10,398	13,102	8,592	13,219	8,377	4,453	8,251	5,294	24,825	10,719	-2,704
May	2,919	4,168	21,920	73,650	0	100	24,839	77,918	24,839	21,362	24,681	16,161	29,753	18,350	21,891	19,790	25,375	22,624	3,477
June	3,138	7,306	27,675	101,325	0	100	30,813	108,731	30,813	27,380	26,015	45,698	30,789	22,786	23,537	25,723	27,768	28,290	3,433
July	4,329	11,635	19,132	120,457	0	100	23,461	132,192	23,461	24,642	29,002	28,150	14,441	19,232	32,650	19,124	30,455	24,608	-1,181
August	4,795	16,430	25,635	146,092	0	100	30,430	162,622	30,430	23,029	21,119	36,638	20,450	20,075	30,783	21,467	33,139	26,538	7,401
September		16,430		146,092		100	0	162,622		13,489	21,325	24,238	21,837	18,005	19,431	22,511	23,363	20,348	-13,489
October		16,430		146,092		100	0	162,622		16,604	30,655	8,216	15,472	13,109	11,325	13,677	15,033	16,155	-16,604
November		16,430		146,092		100	0	162,622		9,924	22,349	11,616	7,238	6,398	8,170	6,785	17,747	11,220	-9,924
December		16,430		146,092		100	0	162,622		6,560	13,797	7,592	6,849	2,028	8,179	2,446	7,641	6,965	-6,560
Total	16,430		146,092		100		162,622			216,198	230,222	229,246	189,561	149,926	190,716	158,202	237,638	202,663	-53576
								Jan to June	162,622	121,950	91,975	112,796	103,274	71,079	80,178	72,192	110,260	96,828	6,999

Lowest month in last 9 years

Highest month in last 9 years

Highest month

lowest month



Sewer & Water Data for 2018

up-dated September 12, 2018

Month	Days per month	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018-2017	2018-2017	2018	2018
		Total	daily	Couch.	Couch.	Couch.	Total	daily	Couch.	Couch.	Couch.	Diff	Diff	Difference	Infiltration
		Sewage	Sewage	Sewage	Sewage	Sewage	Treated	Treated	2 Water	2 Water	Water	Treated	Wastewater	STP-WTP	daily average
		STP	STP	Meters	Meters	%	WTP	WTP	Meters	Meters	%	WTP	STP		
		cu. meters monthly	cu. meters daily	cu. meters monthly	cu. meters daily		cu. meters monthly	cu. meters daily	cu. meters monthly	cu. meters daily					
January	31	169201	5458.10	10220	329.68	6.04%	119180	3844.5	8275	266.9	6.94%	4630.0	-5544.0	50021.0	1613.6
February	28	147497	5267.75	8365	298.75	5.67%	107410	3836.1	8275	295.5	7.70%	3730.0	-27459.0	40087.0	1431.7
March	31	167707	5409.90	10261	331.00	6.12%	124800	4025.8	8260	266.5	6.62%	11240.0	-55476.0	42907.0	1384.1
April	30	166292	5543.07	11686	389.53	7.03%	115850	3861.7	8260	275.3	7.13%	7520.0	-90467.0	50442.0	1681.4
May	31	210932	6804.26	12612	406.84	5.98%	112970	3644.2	9385	302.7	8.31%	-4020.0	-17619.0	97962.0	3160.1
June	30	205818	6860.60	13578	452.60	6.60%	119760	3992.0	9385	312.8	7.84%	5550.0	3904.0	86058.0	2868.6
July	31	183465	5918.23	13310	429.35	7.25%	132730	4281.6		0.0	0.00%	6430.0	-28799.0	50735.0	1636.6
August	31		0.00		0.00	#DIV/0!		0.0		0.0	#DIV/0!	-123420.0	-181956.0	0.0	0.0
September	30		0.00		0.00	#DIV/0!		0.0		0.0	#DIV/0!	-107620.0	-174796.0	0.0	0.0
October	31		0.00		0.00	#DIV/0!		0.0		0.0	#DIV/0!	-109480.0	-183450.0	0.0	0.0
November	30		0.00		0.00	#DIV/0!		0.0		0.0	#DIV/0!	-102850.0	-177999.0	0.0	0.0
December	31		0.00		0.00	#DIV/0!		0.0		0.0	#DIV/0!	-105970.0	-171598.0	0.0	0.0
Total	365	1250912		80032			832700.0		51840.0			-535040.0	-1213666.0	418212.0	1145.8
Monthly Average		178701.7	3438.49	11433.14	219.81		118957.1	2290.5	8640.0	143.3		-42855.0	-92604.9	34851.0	1148.0