

# TOWN OF FORT FRANCES

## Operations and Facilities Executive Committee

### AGENDA - October 23, 2019, 8:30 AM

#### MEETING - Civic Centre

Session #015

	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 October 9, 2019	2 - 3
4. <b><u>Non-agenda Items</u></b>	
5. <b><u>New Business</u></b>	
5.1 Award of Tender 19-OF-11 - 5 Year Garbage and Recycling Collection	4 - 7
6. <b><u>Information</u></b>	
6.1 Fort Frances Wastewater Treatment Facility September 2019 Monthly Report.	8 - 17
6.2 Sewer and Water Data for 2019	18
6.3 Airport Statistics as of September 30, 2019.	19 - 20
6.4 Tonnage at the Landfill Site - updated October 21, 2019	21
7. <b><u>Adjourn / Next Meeting Date</u></b>	

## TOWN OF FORT FRANCES

### MINUTES

SESSION NO. #014

October 9, 2019

The meeting of Operations & Facilities Executive Committee of the Town of Fort Frances was held in the Civic Centre on October 9, 2019 from 8:35 a.m. to 10:20 a.m.

PRESENT: M. Behan - Councillor, J. McTaggart - Councillor, Mayor J. Caul

ALSO PRESENT: T. Rob, Manager of Operations & Facilities, D. Brown, CAO, Diana McGee (8:30 a.m. to 8:49 a.m.), Jim Cumming (8:47 a.m. to 9:20 a.m.) and Michael (9:20 a.m. to 9:58 a.m.)

### **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 Minutes from the previous meeting on September 18, 2019 - the minutes from the meeting on September 18, 2019 were approved as circulated.

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

4.1 None

### **5 New Business**

5.1 Award of Tender 19-OF-11 - 5 Year Garbage and Recycle Collection - matter tabled in order to work with the Contractor to review pricing.

5.2 Award of RFP 19-OF-12 - Fort Frances Airport Safety Management System Internal QA Audit Services - the administration report was approved as recommended.

5.3 Award of 3 Year Asphalt Patching Tender 19-OF-13 - the administration report was approved as recommended.

5.4 Request from Cornerstone Hangers for Hanger Lot Lease at the Fort Frances Airport -

the administration report was approved as recommended.

- 5.5 Application for Funding for a Large Scale Planting Partnership Project - the administration report was approved as recommended.

**6 Outstanding Items**

- 6.1 Letter Dated August 7, 2019 - Asset Management Replacement of Mature Trees - the report was received as information and will be forward on to Council. No action required.

**7 Information**

- 7.1 None

**8 Adjourn / Next Meeting Date**

- 8.1 Meeting adjourned at 10:20 a.m.  
Next meeting October 23, 2019.

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Executive Committee Chair

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T. Rob, Manager of Operations & Facilities

October 23, 2019

Report To: Mayor and Council

From: Travis Rob, Manager of Operations and Facilities

**RE: Award of Tender 19-OF-11 – 5 year Garbage and Recycle Collection**

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The Town of Fort Frances existing garbage Collection contract is set to expire at the end of October 2019 so a new 5 year garbage collection contract tender was advertised in September of 2019. Tenders were opened publicly in the Committee Room of the Civic Centre on September 24, 2019 with one firm submitting a tender bid.

Attached is a report from Craig Miller, Environmental Superintendent outlining the tender bid received and comparing it to the previous years contract.

The costs going forward have increased sharply, however with changes to the Recycle program coming forward provision has been included in this tender to allow the town to transition out of that service depending on how the transition rolls forward. In post tender discussions with Asselin's, the reason for the increase in costs is related, primarily, to the market increase in wages, particularly with truck drivers brought about by the New Gold Mine to the west of Fort Frances. Asselin's is willing to reduce the total 5 year tender price for garbage and recycle collection by \$20,000.00 (or \$4000.00 per year) to ease the impact to the Town of Fort Frances. This would result in an annual garbage collection cost of \$192,380.50 and annual recycle collection of \$99,388.67 for a revised total tender price of \$1,507,793.60. Attached to this report you will find a breakdown in costs, based on Town of Fort Frances operating costs, estimated inflationary increases and profit for a comparison against the tender prices.

It is the recommendation of the Operations and Facilities Executive Committee to award Tender 19-OF-13 – 5 year garbage and recycle collection to Asselin Transportation at the revised tender price of \$1,507,739.60 and further that Mayor and Clerk be authorized to execute the agreement on behalf of the Corporation.

Respectfully Submitted



Travis Rob, P.Eng

**Council approval of this report will agree with the recommendation of the Operations and Facilities Executive Committee to award Tender 19-OF-13 – 5 year garbage and recycle collection to Asselin Transportation at the revised tender price of \$1,507,739.60 and further that Mayor and Clerk be authorized to execute the agreement on behalf of the Corporation.**

Manager of Operations and Facilities

Garbage Collection Costs				Contract Years					
17-Oct-19				2020	2021	2022	2023	2024	
Expenditures	Per Hour	Indirect labour cost per hour (35%)	Hours Per Year	Costs	Assume 5% Increase	Assume 5% Increase	Assume 5% Increase	Assume 5% Increase	
Truck driver	\$26.09	\$9.13	2080	\$73,260.72					
Labourer	\$25.47	\$8.91	2080	\$71,519.76					
Truck Operating Cost (based on 2018 Tandem truck actual cost)	\$21.91		1960	\$42,943.60					
Annual Amortization of Primary Truck (12 years useful life)				\$20,833.33					
Annual Amortization of Spare Truck (12 years useful life)				\$20,833.33					
Total Cost Per Year				\$229,390.75					
Profit - 15%				\$34,408.61					
Grand Total Cost				\$263,799.36	\$276,989.33	\$290,838.79	\$305,380.73	\$320,649.77	\$1,457,657.98
Asselin Bid Price				\$295,768.72	\$295,768.72	\$295,768.72	\$295,768.72	\$295,768.72	\$1,478,843.60
Difference				\$31,969.36	\$18,779.39	\$4,929.93	-\$9,612.01	-\$24,881.05	\$21,185.62

\*2019Oct Garbage Collection Cost Evaluation

October 2, 2019

Report To: Travis Rob, P.Eng., Manager of Operations & Facilities

From: Craig Miller, P.Eng., Environmental Superintendent

**SUBJECT:** Five (5) Year Garbage Collection and Recycle Collection Services  
TENDER NO. 19-OF-11

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On Tuesday, September 24, 2019 in the Committee Room, Civic Centre at 2:00 pm local time, one tender package, submitted by Asselin Transportation & Storage Ltd., was opened.

The tender package was reviewed and checked for mathematical errors; none were found. The tender was submitted with their package in duplicate and provided the require 10% bid bond (based on first year of tender price only).

The tender was prepared in four (4) parts with the Town reserving the right to award the tender for any, some, or all collection years and/or part thereof. It should also be noted, that given that the Children's Complex is now without a tenant, Schedule 1, Sections 3a and 3b allows for the Town to eliminate part or parts of the tender. The four (4) parts of the tender are:

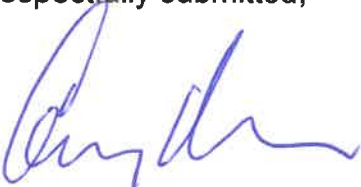
- Part 1: Five Day Cycle of Curb Collection of Residential Waste
- Part 2: Bi-weekly Collection of Recycle Material (Co-mingled)
- Part 3: Supply and Pick-up of Dumpsters
- Part 4: Weekly Collection of Recycle Material in the BIA Area

Attached is a copy of the bid and a spreadsheet outlining the Town's current five (5) year and annual costs compared with the bid submitted by the tenderer.

Asselin's Transportation & Storage Ltd. are the present service provider for Parts 1, 2 and 3. They did not bid on the Part 4. Total price bid for the five (5) year term for Parts 1,2 and 3 is \$1,527,793.60 (excluding HST). This represents a total five (5) year contract price increase of 35.47% or \$400,000.

It is my recommendation that the Town retain the services of Asselin Transportation and Storage Ltd. for Parts 1, 2 and 3.

Respectfully submitted,



Craig Miller, P.Eng.  
Environmental Superintendent

	Details	2014-2019	2020-2024	2014-2019 Annual	2020-2024 Annual	5 Yr Increase	1 Yr Increase	Increase
Part 1	Garbage Collection	708898.80	971900.25	141779.76	194380.05	263001.45	52600.29	37.10%
Part 2	Recycle Collection	369944.80	506943.35	73988.96	101388.67	136998.55	27399.71	37.03%
Part 3-1	Bin - East End Hall	4500.00	4500.00	900.00	900.00	0.00	0.00	0.00%
Part 3-2	Bin - Children's Complex	4500.00	4500.00	900.00	900.00	0.00	0.00	0.00%
Part 3-3	Bin - Marina	1650.00	1650.00	330.00	330.00	0.00	0.00	0.00%
Part 3-4	Bin - Airport	4500.00	4500.00	900.00	900.00	0.00	0.00	0.00%
Part 3-5	Bin - Town Hall	4500.00	4500.00	900.00	900.00	0.00	0.00	0.00%
Part 3-6	Bin - Public Works	4500.00	4500.00	900.00	900.00	0.00	0.00	0.00%
Part 3-7	Bin - Arena	4750.00	4750.00	950.00	950.00	0.00	0.00	0.00%
Part 3-8	Bin - Point Park (6 yd)	1700.00	1700.00	340.00	340.00	0.00	0.00	0.00%
Part 3-9	Bin - Point Park (6 yd)	825.00	825.00	165.00	165.00	0.00	0.00	0.00%
Part 3-10	Bin - Point Park (4 yd)	775.00	775.00	155.00	155.00	0.00	0.00	0.00%
Part 3-11	Bin - Sunny Cove	6000.00	6000.00	1200.00	1200.00	0.00	0.00	0.00%
Part 3-12	Bin - Sunny Cove (Recycle)	6000.00	6000.00	1200.00	1200.00	0.00	0.00	0.00%
Part 3-13	Bin - Fort Frances Cemetery	4750.00	4750.00	950.00	950.00	0.00	0.00	0.00%
Part 4	BIA Recycle Collection	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid
Total		1127793.60	1527793.60	225558.72	305558.72	400000.00	80000.00	35.47%



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

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

October 17, 2019

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

Attention: Mr. Craig Miller  
Environmental Superintendent

Dear Craig:

**Re: Fort Frances Wastewater Treatment Facility  
September 2019 Monthly Report**

As per the operating agreement, the attached document is the September 2019 monthly report for the Fort Frances Wastewater Treatment Facility.

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

If you have any questions regarding this report do not hesitate to contact Mr. Jeff St. Pierre- Regional Hub Manager.

Yours truly,

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

Kelly Cunningham  
Team Lead

For Jeff St. Pierre  
Regional Hub Manager



**The Corporation of the Town of Fort Frances  
Wastewater Treatment Plant  
(Sewage Plant)  
September 2019 Monthly Operations Report**

## **INTRODUCTION**

In accordance with the Agreement between the Ontario Clean Water Agency (Operating Authority) and the Town of Fort Frances, the Fort Frances Sewage Treatment Plant is required to prepare a monthly report. This document covers the reporting month of September 2019; the facility performance report summarizes important information regarding the quality of the effluent, wastewater, analytical test results, maintenance operations, and relevant activities of the WWTP.

## **DESCRIPTION OF WORKS**

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

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

## **LABORATORY**

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

## SEPTEMBER 2019 EFFLUENT QUALITY

<i>Parameters</i>	<i>Monthly Actual Concentration mg/L</i>	<i>Compliance Criteria Concentration mg/L</i>	<i>Performance Objective Concentration mg/L</i>	<i>Monthly Actual Loading, kg/d</i>	<i>Compliance Criteria Loading kg/d</i>	<i>Performance Objective Loading kg/d</i>
CBOD <sub>5</sub>	2.0 mg/L	25 mg/L	15 mg/L	19.9 kg/d	225 kg/d	135 kg/d
Total Suspended Solids	3.1 mg/L	25 mg/L	15 mg/L	34.7 kg/d	225 kg/d	135 kg/d
Total Phosphorus	0.13 mg/L	1.0 mg/L	0.9 mg/L	1.35 kg/d	9 kg/d	8.1 kg/d
Total Nitrogen Nitrate Nitrogen	6.11 mg/L 5.03 mg/L					
Total Cl <sub>2</sub> Residual		<0.01 mg/L (when in use)				
E-Coli		39 count/100 ml (geometric mean )		200 count/100ml (geometric mean )		E-coli not to exceed 150 organisms/100ml (monthly geometric mean density)
pH				pH range 6.6 to 6.9; average pH was 6.7		
Temperature degrees C				Temperatures ranged from 15.0 to 16.5 C; average temperature of effluent was 15.6 C		

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

## WASTEWATER LIQUID PROCESS

The average daily flow for September was 10530.6 m<sup>3</sup>/day. This represents 117% of the design average flow. Total treated flow for the month was 315918 m<sup>3</sup>.

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

\*\*The Town of Fort Frances accepted an additional 177 m<sup>3</sup> of sewage from the New Gold mine site into the collection system in September. Lab analyses have not been provided.

## **MAINTENANCE**

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

### **Treatment Plant:**

- Alternated lead/lag pumps
- Adjusted fluidizing water to head cell and grit snail as needed
- Greased all blowers
- Regular cleaning of head works EW basket strainer
- Greased Grit Snail and lubricated drive chain
- Monthly inspection of spiral screen access hatch, removed wrapped debris
- Weekly manifold wash on the Fournier press
- Drained and inspected teacup, hosed snail
- Cleaned polymer injection check valve
- Wiped DO probes
- Replaced emergency light in the lower basement
- Replaced shear pin longitudinal clarifier drive 1
- Greased flocculator seal bearing
- Replaced belts and filters all air handlers and greased bearings

### **Pump Stations:**

- Ran gensets
- Changed seal water strainers
- Replaced level sensor head at Church St. lift station
- Pulled and cleaned pumps 1 and 3 at Central Ave. lift station
- Lakeside was in to asses a communications fault at Central Ave. lift station. A faulty communications card was identified and replaced with an onsite spare

## **PROCESS AND OPTIMIZATION ISSUES**

### **SLUDGE SUMMARY**

Dennis Robinson Limited hauled a calculated total of 83.1 m<sup>3</sup> (9 bins) of thickened digested sludge to the Town of Fort Frances landfill site. The hauled sludge averaged 17.7 % TS for the month but slump test results from the landfill site have not been provided.

The Fournier press ran for 85 hours in September, 1064 hours in 2019.

## **COMPLAINTS**

There were no complaints during the report period.

## **BYPASS/OVERFLOW REPORT(S)**

There were no bypass events in the reporting period.

## **COMMENTS**

Plant power consumption for the month was 439 (x 180 multiplier) kWh.  
The Fournier press has been operated 1064 hours in 2019.  
The annual digested sludge sample was sent to the lab.

## **REPORTS**

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

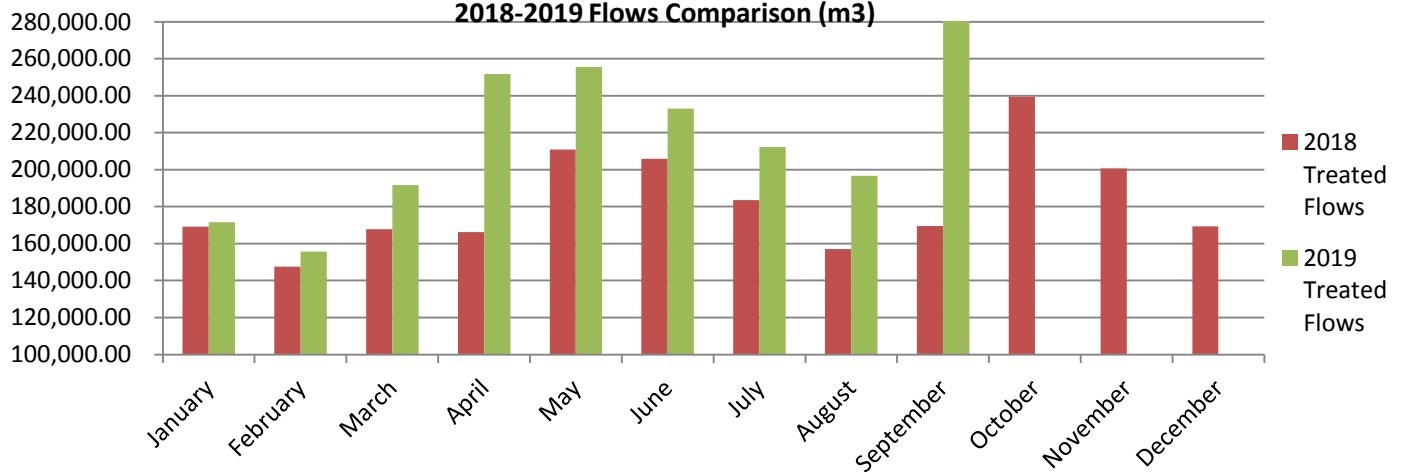
Month	Sewage Flows Year 2019					Usage	Calculated	Sludge	Removal Efficiency	
	Avg. Day	Max Day	Total	Total	Total	% Plant	Volume	Bins	CBOD5 0.969931151	
	Flow	Flow	Treated	ByPass	Volume	Capacity	Hauled	Hauled	Suspended Solids 0.968739981	
	m3	m3	Volume ML	Volume ML	ML		M3		Total Phosphorus 0.943028486	
January	5536.2	5933	171621		171621	62%	136.0	14		
February	5561.0	6023	155707		155707	62%	106.7	12		
March	6180.7	8247	191603		191603	69%	109.2	10		
April	8390.4	9966	251711		251711	93%	121.6	13		
May	8244.3	10890	255574		255574	92%	135.0	14		
June	7766.7	11807	233001		233001	86%	132.6	13		
July	6850.0	12069	212351	178.9	212529.9	76%	97.7	9		
August	6347.5	8974	196772		196772	71%	136.0	14		
September	10530.6	17630	315918		315918	117%	83.1	9		
October						0%				
November						0%				
December						0%				
Sum				178.9	1984436.9		1057.9	108		
Average	7267		220473		220493	81%	117.5	12.0		
Max		17630	315918		315918			14		
ECA	9000	18000								

	BOD5/CBOD5			Suspended Solids			Total Phosphorus			Nitrogen		E. Coli
	Avg. Raw	Avg. Eff.	Avg. Load	Avg. Raw	Avg. Eff.	Avg. Load	Avg. Raw	Avg. Eff.	Avg. Load	Avg. Raw	Avg. Eff.	Geo Mean
Month	BOD	CBOD	CBOD	S.S	S.S	S.S	T.P	T.P	T.P	TKN	Total N	Counts
	(mg/L)	(mg/L)	(kg/day)	(mg/L)	(mg/L)	(kg/day)	(mg/L)	(mg/L)	(kg/day)	(mg/L)	(mg/L)	/100ml
January	110.2	2.1	11.5	160.1	3.9	21.4	2.52	0.12	0.69	20.9	8.8	11.5
February	103.8	2.1	11.7	152.9	3.3	18.2	3.61	0.12	0.67	19.3	9.9	16.8
March	84.0	2.5	15.0	142.8	5.5	36.0	2.30	0.12	0.82	18.2	11.1	16.8
April	67.6	3.4	29.4	117.6	6.0	50.1	1.72	0.12	1.02	12.9	9.9	34.4
May	61.5	2.6	20.8	120.7	5.0	41.8	1.60	0.11	0.91	12.6	9.5	40.5
June	62.0	2.6	20.3	129.9	4.3	33.6	1.77	0.11	0.88	12.6	9.7	58.0
July	82.2	2.1	13.8	145.6	4.3	29.9	2.48	0.15	1.06	16.8	7.7	10.0
August	86.5	2.0	12.0	160.0	3.6	22.8	2.31	0.16	0.99	17.3	7.9	13.2
September	53.9	2.0	19.9	118.0	3.1	34.7	1.70	0.13	1.35	13.5	6.1	39.0
October												
November												
December												
Average	79.1	2.4	17.2	138.6	4.3	32.1	2.2	0.13	0.93	16.0	9.0	26.7
Max	110.2	3.4	29.4	160.1	6	50.1	3.6	0.16	1.35	20.9	11.1	58
ECA		25	225		25	225		1.0	9.0			200

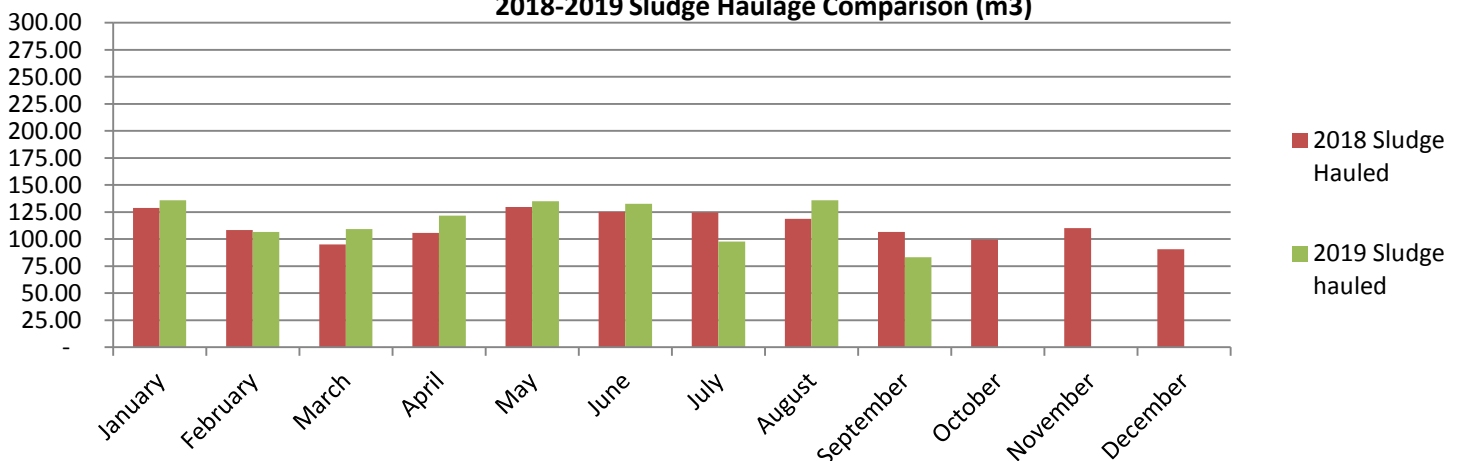
**2018-2019 Comparison Chart**

Month	2018 Treated Sewage	2019 Treated Sewage	% Variance 2018 to 2019	2018 Hauled Sludge	2019 Hauled Sludge	% Variance 2018 to 2019
	m3	m3	m3	m3 (calculated)	m3 (calculated)	m3
January	169,201.00	171,621.00	1%	128.90	136.00	6%
February	147,497.00	155,707.00	5%	108.30	106.70	-1%
March	167,707.00	191,603.00	12%	95.00	109.20	15%
April	166,292.00	251,711.00	34%	105.70	121.60	15%
May	210,932.00	255,574.00	17%	129.70	135.00	4%
June	205,818.00	233,001.00	12%	125.30	132.60	6%
July	183,465.00	212,351.00	14%	124.70	97.70	-22%
August	157,126.00	196,772.00	20%	118.60	136.00	15%
September	169,565.00	315,918.00	46%	106.50	83.10	-22%
October	239,494.00		#DIV/0!	99.60		-100%
November	200,745.00		#DIV/0!	110.10		-100%
December	169,263.00		#DIV/0!	90.70		-100%
<b>Totals</b>	<b>2,187,105.00</b>		<b>#DIV/0!</b>	<b>1,343.10</b>	<b>1,057.90</b>	<b>-21%</b>

**2018-2019 Flows Comparison (m3)**



**2018-2019 Sludge Haulage Comparison (m3)**



Workorder Summary Report

Report Start Date: Sep 1, 2019 12:00 AM

Report End Date: Sep 30, 2019 11:59 PM

Location: 1103\*

Work Order Type: ADMIN,CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
<a href="#">1415710</a>	0000227376	PANEL ALARM/ DIALER	1103, Fort Frances WPCP, Process, Process Control & Monitoring	PM	Inspection	1	MONTHS	Critical Alarm/Dialer Testing (1m) 1103	COMP	9/1/19 12:00 AM	10/1/19 08:01 AM	10/1/19 08:01 AM	Dialer Test -We test dialer daily.
<a href="#">1415714</a>			1103, Fort Frances WPCP	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Gensets Inspection/ Functional Tests (1m) 1103	COMP	9/1/19 12:00 AM	9/29/19 09:00 AM	9/29/19 10:00 AM	Genset Test -I Ran all gensets for 1 hour under load.
<a href="#">1415740</a>			1103, Fort Frances WPCP	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 1103	COMP	9/1/19 12:00 AM	9/30/19 07:00 AM	9/30/19 08:00 AM	Monthly H & S -Garage floor still a concern.
<a href="#">1415751</a>			1103, Fort Frances WPCP	PM	Inspection	1	MONTHS	TPM Inspection/Maintenance (1m) 1103	COMP	9/1/19 12:00 AM	10/5/19 07:02 AM	10/5/19 07:02 AM	
<a href="#">1415756</a>			1103, Fort Frances WPCP	OPER	Health and Safety	1	YEARS	WHMIS/MSDS/NSF Review And Update (1y) 1103	COMP	9/1/19 12:00 AM	9/23/19 01:44 PM	9/23/19 01:44 PM	WHMIS/MSDS/NSF Review And Update (1y) 1103 -Reviewed and updated SDS
<a href="#">1416083</a>			1103, Fort Frances WPCP	PM	Inspection	1	MONTHS	Blowers/Motors Inspection/Service (1m/3m) 1103	COMP	9/1/19 12:00 AM	10/1/19 08:03 AM	10/1/19 08:03 AM	Monthly Blowers -I checked oil in blowers 3 & 4 and greased all blowers.
<a href="#">1416093</a>	0000246402	CENTRIFUGE GS2-2-1 TEACUP/ GRIT SNAIL	1103, Fort Frances WPCP, Process, Primary Treatment, Primary Sludge Degritting	PM	Inspection	1	MONTHS	Teacup Centrifuge Inspection/ Service (1m/3m/1y) 1103	COMP	9/1/19 12:00 AM	9/28/19 01:00 PM	9/28/19 02:00 PM	Teacup Insp. -I removed the lid to find minimal debris.
<a href="#">1416113</a>			1103, Fort Frances WPCP	PM	Refurbish/ Replace/Repair	3	MONTHS	Clarifiers Inspection/Service (3m) 1103	COMP	9/1/19 12:00 AM	10/7/19 08:14 AM	10/7/19 08:14 AM	Clarifiers Inspection/Service (3m) 1103 -Greased clarifier drives. Running smoothly
<a href="#">1416611</a>			1103, Fort Frances WPCP	PM	Refurbish/ Replace/Repair	1	YEARS	Air Handling Units Inspection/ Service (1y) 1103	COMP	9/1/19 12:00 AM	9/23/19 01:40 PM	9/23/19 01:40 PM	Air Handling Units Inspection/ Service (1y) 1103 -Replaced belts and air filters, also greased bearings ASU-101, ASU-01 and ASU-02

Workorder Summary Report

Report Start Date: Sep 1, 2019 12:00 AM

Report End Date: Sep 30, 2019 11:59 PM

Location: 1103\*

Work Order Type: ADMIN,CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
<a href="#">1420808</a>	0000129812	METER LEVEL MILLTRONIC EFFLUENT FLOW	1103, Fort Frances WPCP, Process, Process Control & Monitoring	CALL	Compliance	0		Call back UV capacity met and Screen inlet high level	BUSCOMP		9/12/19 09:45 PM	9/13/19 02:15 AM	Call back UV capacity met and Screen inlet high level -I was called by the auto dialer for a UV capacity met and a screen inlet high level alarm at 2150 hours. While driving to the plant I received another call for a manhole 8 high level alarm. Once at the plant I acknowledged alarms and prepared for a plant bypass as there had been heavy rain for hours and manhole 8 was at the high level warning stage. Rainfall slowed and the bypass level was not reached so I took samples from the UV channel to send out for the UV over capacity. I closed my ticket at 0200 hours.
<a href="#">1421713</a>	0000227447	PUMP CENT #1 VERTICAL NON CLOG SEWAGE P1 WHITEPINE	1103, White Pine Pumping Station, Process	CALL	Refurbish/ Replace/Repair	0		White Pine Pump Fail 1103	COMP		9/20/19 01:48 PM	9/20/19 01:54 PM	White Pine Pump Fail -I arrived at the lift station and reset the fault . I then listened to the pump and found nothing wrong . I then greased both pumps and returned to service.



Workorder Summary Report

Report Start Date: Sep 1, 2019 12:00 AM

Report End Date: Sep 30, 2019 11:59 PM

Location: 1103\*

Work Order Type: ADMIN,CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
<a href="#">1422257</a>			Fort Frances Water Pollution Control Plant	CALL	Refurbish/ Replace/Repair	0		Plant Power Failure Call Back 1103	COMP		9/24/19 06:55 PM	9/25/19 05:30 AM	Plant Power Failure Call Back 1103 Sept 24 -At 1855 hours I was called for a plant power failure. I called Communique action and drove to the wastewater plant where I reset the phase loss protection and line power. Then I acknowledged all alarms but a Central lift station communication fault would not clear. I drove to the lift station and all was found to be in order except for the communication. A reset of the radio and PLC did not cure the issue so I went to get a spare radio to try. The communication did not return with the spare radio in place so I called Jeff St. Pierre to inform him that I should remain at work to monitor Central lift station and we would need to arrange for troubleshooting assistance in the morning

Sewer & Water Data for 2019

up-dated October 19, 2019

Month	Days per month	2019	2019	2019	2019	2019		2019	2019	2019	2019	2019	2019-2018	2019-2018	2019	2019	Monthly
		Total	daily	Couch.	Couch.	Couch.		Total	daily	Couch.	Couch.	Couch.	Diff	Diff	Difference	Infiltration	Infiltration
		Sewage	Sewage	Sewage	Sewage	Sewage		Treated	Treated	2 Water	2 Water	Water	Treated	Wastewater	STP-WTP	daily average	US Gallons
		STP	STP	Meters	Meters	%		WTP	WTP	Meters	Meters	%	WTP	STP			
		cu. meters	cu. meters	cu. meters	cu. meters			cu. meters	cu. meters	cu. meters	cu. meters						
		monthly	daily	monthly	daily			monthly	daily	monthly	daily						
January	31	171621	5536.16	10692	344.90	6.23%		115440	3723.9	8570	276.5	7.42%	-3740.0	2420.0	56181.0	1812.3	14,841,447
February	28	155707	5560.96	9024	322.29	5.80%		112420	4015.0	8570	306.1	7.62%	5010.0	8210.0	43287.0	1546.0	11,435,213
March	31	191603	6180.74	10980	354.19	5.73%		121380	3915.5	7475	241.1	6.16%	-3420.0	23896.0	70223.0	2265.3	18,550,950
April	30	251711	8390.37	13350	445.00	5.30%		106270	3542.3	7475	249.2	7.03%	-9580.0	85419.0	145441.0	4848.0	38,421,440
May	31	255574	8244.32	10939	352.87	4.28%		101260	3266.5	7800	251.6	7.70%	-11710.0	44642.0	154314.0	4977.9	40,765,438
June	30	233001	7766.70	10376	345.87	4.45%		110860	3695.3	7800	260.0	7.04%	-8900.0	27183.0	122141.0	4071.4	32,266,232
July	31	212351	6850.03	10545	340.16	4.97%		122360	3947.1	9445	304.7	7.72%	-3450.0	28886.0	89991.0	2902.9	23,773,102
August	31	196772	6347.48	12454	401.74	6.33%		118250	3814.5	9445	304.7	7.99%	-14480.0	39646.0	78522.0	2533.0	20,743,314
September	30	315918	10530.60	20455	681.83	6.47%		100160	3338.7		0.0	0.00%	-3970.0	146353.0	215758.0	7191.9	56,997,222
October	31		0.00		0.00	#DIV/0!			0.0		0.0	#DIV/0!	-103780.0	-239494.0	0.0	0.0	-
November	30		0.00		0.00	#DIV/0!			0.0		0.0	#DIV/0!	-101430.0	-200745.0	0.0	0.0	-
December	31		0.00		0.00	#DIV/0!			0.0		0.0	#DIV/0!	-104790.0	-218710.0	0.0	0.0	-
Total	365	1984258		108815				1008400.0		66580.0			-364240.0	-252294.0	975858.0	2673.6	257,794,360
Monthly Average		220473.1	5450.61	12090.56	299.07			112044.4	2771.6	8322.5	182.8		-30353.3	-21024.5	81321.5	2679.1	21,482,863

Aircraft Landings 2019

As of September 30, 2019

Month	Bearskin Flights			Bearskin- Passengers			Air Bravo Passengers		Government			Private			Med-I-vacs			International			Commercial			Totals			Variance
	2019	2018	2017	2019	2018	2017	2019	2018	2019	2018	2017	2019	2018	2017	2019	2018	2017	2019	2018	2017	2019	2018	2017	2019	2018	2017	2019-2018
January	54	68	76	160	198	308	8	0	0	0	0	4	3	2	60	55	42	0	2	4	42	73	48	160	143	177	17
February	56	66	80	197	187	334	15	0	13	0	1	1	2	1	43	57	32	0	3	0	38	56	39	151	156	155	-5
March	61	73	90	160	249	336	11	0	13	0	10	10	5	4	52	43	50	2	6	14	42	57	51	180	178	192	2
1/4 Total	171	207	246	517	634	978	34	0	26	0	11	15	10	7	155	155	124	2	11	18	122	186	138	491	477	524	14
April	59	77	67	197	270	289	7	0	5	0	0	9	7	18	57	42	40	3	6	4	40	42	41	173	186	201	-13
May	67	77	87	196	276	389	5	2	14	4	8	19	19	8	63	35	50	25	28	0	43	54	56	231	229	259	2
June	61	68	82	208	219	324	9	4	13	4	10	48	24	16	57	36	38	81	70	14	39	49	63	299	273	328	26
1/2 Total	358	429	482	1118	1399	1980	55	6	58	8	29	91	60	49	332	268	252	111	115	36		331	298	950	1165	1312	-215
July	61	74	70	173	228	224	10	7	4	10	3	28	40	26	54	38	51	69	79	76	42	41	54	258	286	324	-28
August	69	69	82	236	219	292	5	5	10	6	4	33	41	27	57	41	66	64	65	80	40	44	50	273	322	313	-49
September	62	66	79	180	197	267	12	2	8	29	7	14	33	14	52	44	40	46	45	42	34	37	39	216	230	249	-14
3/4 Total	550	638	713	1707	2043	2763	82	20	80	53	43	166	174	116	495	391	409	290	304	234	116	453	441	1697	2003	2198	-306
October		68	72		254	255		8		5	6		18	16		37	44		8	18		43	42	0	203	214	-203
November		71	71		209	281		1		2	0		5	2		41	28		1	0		40	40	0	168	146	-168
December		55	62		197	199		7		0	0		7	2		41	36		0	0		34	40	0	122	139	-122
Total	550	832	918	1707	2703	3498	82	36	80	60	49	166	204	136	495	510	517	290	313	252	116	570	563	1697	2496	2697	-799

Fort Frances Airport - Page 2/2 - Fuel Sales - September 30, 2019																			
Fuel Sales Recap - 2019									2019	2018	2017	2016	2015	2014	2013	2012	2011	9 year	Variance
Month	100LL		Jet Trk		Jet Cab		Month	Year	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	2019 to 2011	month
January	132	132	7,918	7,918		0	8,050	8,050	8,050	16,597	25,675	7,528	8,692	11,543	7,216	10,252	7,308	11,885	-8,547
February	27	159	7,964	15,882		0	7,991	16,041	7,991	16,286	12,503	11,904	11,231	12,304	6,197	6,918	3,687	10,216	-8,295
March	840	999	12,876	28,758		0	13,716	29,757	13,716	9,798	21,928	13,255	17,795	10,508	12,077	9,329	10,390	12,841	3,918
April	1,379	2,378	11,631	40,389		0	13,010	42,767	13,010	10,398	13,102	8,592	13,219	8,377	4,453	8,251	5,294	9,537	2,612
May	2,615	4,993	16,052	56,441		0	18,667	61,434	18,667	24,839	21,362	24,681	16,161	29,753	18,350	21,891	19,790	21,953	-6,172
June	5,860	10,853	25,203	81,644		0	31,063	92,497	31,063	27,380	27,380	26,015	45,698	30,789	22,786	23,537	25,723	28,277	3,683
July	3,957	14,810	13,189	94,833		0	17,146	109,643	17,146	23,461	24,642	29,002	28,150	14,441	19,232	32,650	19,124	23,277	-6,315
August	5,449	20,259	11,575	106,408		0	17,024	126,667	17,024	30,430	23,029	21,119	36,638	20,450	20,075	30,783	21,467	24,927	-13,406
September	5,303	25,562	11,240	117,648		0	16,543	143,210	16,543	25,191	13,489	21,325	24,238	21,837	18,005	19,431	22,511	20,151	-8,648
October						0	0	143,210		10,769	16,604	30,655	8,216	15,472	13,109	11,325	13,677	15,681	-10,769
November						0	0	143,210		10,748	9,924	22,349	11,616	7,238	6,398	8,170	6,785	10,442	-10,748
December						0	0	143,210		13,243	6,560	13,797	7,592	6,849	2,028	8,179	2,446	7,588	-13,243
Total	25,562		117,648		0		143,210		143,210	219,140	216,198	230,222	229,246	189,561	149,926	190,716	158,202	196,774	-75,930

Lowest month in last 9 years

Highest month in last 9 years

Highest month

lowest month

2019 - Tonnage at Landfill Site - updated October 21, 2019									2018			2019			
MONTH	Residential Waste tonnes	Res %	ICI Waste tonnes	ICI %	Non Community Waste tonnes	Non Com %	Covering Material tonnes	2018	Average last 10 years	2019	Total Fees	Average last 10 years	Total Fees	2019-2018 Tonnes	2019-2018 Fees
								Total Tonne	Total Tonne	Total Tonne		Fees 2009 to 2018			
JAN	149.54	27.28	387.83	70.75	10.82	1.97	16.76	495.69	370.24	548.19	\$30,177.28	\$20,128.17	\$27,590.90	52.50	-\$2,586.38
FEB	124.49	34.52	227.79	63.15	8.41	2.33	0.00	406.46	310.55	360.69	\$23,347.65	\$16,847.30	\$21,887.90	-45.77	-\$1,459.75
MAR	166.77	34.34	311.35	64.10	7.59	1.56	4137.48	463.54	408.18	485.71	\$27,716.10	\$22,813.66	\$76,269.12	22.17	\$48,553.02
APRIL	333.91	45.09	398.17	53.76	8.54	1.15	0.00	570.00	561.20	740.62	\$35,930.07	\$32,008.80	\$49,329.50	170.62	\$13,399.43
MAY	339.83	39.77	502.51	58.82	12.05	1.41	0.00	704.26	712.14	854.39	\$42,835.55	\$38,717.06	\$50,989.10	150.13	\$8,153.55
JUNE	277.93	36.67	413.75	54.59	66.30	8.75	0.00	636.08	818.82	757.98	\$45,718.15	\$39,435.12	\$46,821.00	121.90	\$1,102.85
JULY	332.52	43.22	392.23	50.98	44.70	5.81	173.03	317.41	593.33	769.45	\$37,855.70	\$36,663.59	\$47,024.80	452.04	\$9,169.10
AUG	286.74	39.16	434.43	59.33	11.11	1.52	981.51	687.72	650.90	732.28	\$43,983.95	\$36,983.59	\$49,303.70	44.56	\$5,319.75
SEPT	239.87	36.23	411.94	62.21	10.35	1.56	119.21	647.03	651.00	662.16	\$42,404.90	\$37,190.53	\$42,611.05	15.13	\$206.15
OCT		#DIV/0!		#DIV/0!		#DIV/0!		843.41	817.13	0.00	\$43,140.48	\$42,161.43		-843.41	-\$43,140.48
NOV		#DIV/0!		#DIV/0!		#DIV/0!		555.90	551.11	0.00	\$33,490.70	\$29,847.06		-555.90	-\$33,490.70
DEC		#DIV/0!		#DIV/0!		#DIV/0!		398.55	403.14	0.00	\$27,798.40	\$21,267.10		-398.55	-\$27,798.40
Average per monthly	250.18	30.90	386.67	66.95	19.99	2.15	603.11	560.50	570.65	492.62	\$36,199.91	\$31,171.95	\$45,758.56	199.51	67,162.72
Total	2251.60		3480.00		179.87		5427.99	6726.05	6847.74	5911.47	\$434,398.93	\$374,063.40	\$411,827.07	-814.58	-\$22,571.86
Town of Fort Frances Tonnage	5731.60										\$434,398.93 Actual		\$411,827.07		
											\$396,950.00 Budget		\$407,271.00		
Total Tonnage	5911.47										\$434,398.93 Forecasted		\$549,102.76		
Residential Tonnage	2251.60	38.09%													
ICI Tonnage	3480.00	58.87%													
Coverage material	5427.99														