



OPERATIONS AND FACILITIES EXECUTIVE COMMITTEE AGENDA

May 4, 2022 8:30 AM

MEETING - Civic Centre

Session 008

[Click here to join the meeting](#)

Or call in (audio only)

[+1 807-701-5975,,901162226#](#) Canada, Thunder Bay

Phone Conference ID: 901 162 226#

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1 Call to Order/Roll Call

2 Disclosure of pecuniary interest and the general nature thereof

3 Approval of Previous Committee Minutes

3 - 4 3.1 Minutes from the previous meeting on April 6, 2022.

4 Items Referred from Council

5 - 8 4.1 Letter from Farmboy Real Estate in Support of a Splash Pad Development

9 - 11 4.2 Letter from Ms. Linda Chisick Requesting the Installation of a Bench at the Riverview Cemetery Columbarium.

5 New Business

12 - 13 5.1 Award of Tender 2022-OF-03 - Supply and Delivery of a New Aircraft Refueler Truck

14 - 15 5.2 Award of Tender 2022-OF-05 - Fire Suppression Sprinkler System Installation in 52 Canadians Arena

6 Information

16 - 24 6.1 Fort Frances Wastewater Treatment Facility March 2022 Monthly Report

25 - 26 6.2 Airport Statistics 2022

27 6.3 Sewer and Water Data for 2022

28 6.4 Tonnage at the Landfill - updated April 13, 2022

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32 - 34	6.8	Water and Sewer Stats 2022

7 Adjourn / Next Meeting Date



TOWN OF FORT FRANCES

MINUTES

SESSION NO. #007

April 6, 2022

A meeting of the Operations & Facilities Executive Committee of the Town of Fort Frances was held in the Committee Room and via Microsoft Teams (virtual meeting resources) on Wednesday April 6, 2022 from 8:30 a.m. to 9:26 a.m.

PRESENT: Chairperson R. Wiedenhoeft - Councillor, M. Behan - Councillor, J. McTaggart - Councillor, Mayor J. Caul (ex-officio)

ALSO PRESENT: T. Rob, Manager of Operations & Facilities, F.Anwar, CAO, Dawn Galusha, Treasurer (8:30 a.m. to 9:16 a.m.), Craig Miller, Environmental Superintendent (8:30 a.m. to 8:40 a.m.), Christina Zerba (8:30 a.m. to 8:51 a.m.), Kassia Regnier (8:30 a.m. to 8:51 a.m.) and Randy Thoms (8:44 a.m. to 9:26 a.m.)

1 Call to Order/Roll Call

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 March 23, 2022 - the minutes from the previous meeting were approved as circulated.

4 Items Referred from Council

4.1 Residential In-Home Food Waste Diversion Program - the administration report was approved as recommended.

5 New Business

5.1 Procurement Policy Review - timelines were reviewed and some questions asked.

- 5.2 Waste Transfer Agreement Renewal - MNRF - the administration report was approved as recommended.
- 5.3 Amending Agreement 2 with Product Care Association - the administration report was approved as recommended.
- 5.4 Award of RFP 2022-OF-04 - Detailed Engineering Design of the Portage Avenue Underpass Superstructure Rehabilitation - the administration report was approved as recommended.

6 Information

- 6.1 2021 Annual Report - Fort Frances Wastewater Treatment Plant - the Annual Report was received and will be forwarded on to Council as information only. No action required.
- 6.2 Fort Frances Wastewater Treatment Facility February 2022 Monthly Report - the Wastewater February report was received and will be forwarded to Council as information only. No action required.
- 6.3 Sewer and Water Data for 2022 - the sewer and data stats were received and will be forwarded on to Council as information only. No action required.

7 Adjourn / Next Meeting Date

- 7.1 Meeting adjourned 9:26 a.m.

Next meeting April 20, 2022

Executive Committee Chair

T. Rob, Manager of Operations & Facilities

May 4, 2022

Report To: Mayor and Council

From: Travis Rob, Manager of Operations and Facilities

RE: Letter from Farmboy Real Estate in support of a splash pad development

Since originally speaking with Farmboy Real Estate in November 2021 about their willingness to contribute to a splash park development in Fort Frances, Administration has been busy working to plan and price out a development of this type. Administration spoke with the Township of Emo about their park and operating issues as well as a firm that sells and installs these features. When a second developer engaged Town staff about their interest in the development, the focus shifted from taking the single contribution and turning that into the momentum needed to fund the project, to working with both parties to undertake a joint announcement and co-developed project. A great deal of financial and technical information was gathered and passed onto the developers to ensure that they were aware of the costs for this type of development and any constraints that had to be considered through the design phase.

At this point, the Town has completed the design of a 3000 square foot splash pad at Legion Park with a fishing theme which aligns with the focus of the MAT Committee, renderings attached. The firm has also included full costing for the supply and installation of this pad. In addition to that installation would be a new washroom/pumphouse building, new services, AODA compliant walkways to get this project off the ground. Future additions, for public safety, would be a fence along Kings Highway, and traffic signals at Lille Avenue and Kings Highway including pedestrian signals. Longer term things that would need to be considered would be the reconstruction of Lillie Avenue to include better parking and park access as well as replacing the aged playground equipment.

Initial cost estimates for the construction of the splash pad, washroom building and pump room, site services and sidewalks is \$330,000.00. This cost could be reduced by any number of measures of donations or having Town staff undertake some of the construction works reducing the costs to materials only.

The park designed and costed out would be what is called a flow through pad, meaning that treated water would be used for the pad and wastewater would be discharged straight to the sewer. These pads are substantially cheaper to construct and much easier to maintain requiring much less manpower to operate. This type of pad is not the preferred, however if mitigating measures are taken, such as setting up a cistern to capture the wastewater and use it for the toilets in the washroom and for irrigation as well as looking at the possibility of discharging the overflow to stormwater. Given the proposed design the estimated annual water consumption for the pad is estimated at 7073m³. Given the current water rate of \$2.02 per m³ for water only, the annual costs would be \$14,287.83. With the flow through type of pad, there are no consumables related to the operation such as chemicals, filters etc. Staff would have to daily attend the site to make sure the drains are clean and free of debris, clean the bathrooms etc. This is something we may be able to include as part of the summer Parks Student weekend routine at Point Park, however there would be additional time related to this additional work. There would also be annual staff time for opening and closing (6h total) as well as ongoing costs for replacing damaged features, budgeted at \$500 per year.

At this point, the next steps are to finalize the design aspects of the pad, vet it through a group of community representatives and begin the fundraising process in earnest. Late in summer is typically

when grant programs are released and staff have been watching for funding opportunities to date. Continued monitoring of funding programs would be continued, and applications filed when available. Depending on what projects are determined needed for the 2022 design program, the road reconstruction and traffic signal installation could be funded in the 2022 design program funding already contained within the budget for 2022. MTO Approval would be needed for the installation of signals at that location, therefore there would need to be considerable time for that work to be completed.

Administration recommends the following:

1. Setup a committee of 5 members of the public, 1 member of Farmboy Real Estate, 1 member of Town administration to finalize the design works and spearhead fundraising activities.
2. That a trust account be setup by the Town to accept and control donations received for this project.
3. Undertake design works for the reconstruction of Lillie Avenue including the installation of signals at Lillie Avenue and Kings Highway in summer 2022.
4. Administration looks for, and apply to, any grant opportunities arising to support this type of project through summer 2022.

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

1. The Town accept the sizeable donation from Farmboy Real Estate with thanks,
2. A committee of 5 members of the public, 1 member of Farmboy Real Estate, 1 member of Town administration be struck to finalize the design works and spearhead fundraising activities.
3. A trust account be setup by the Town to accept and control donations received for this project.
4. Design works for the reconstruction of Lillie Avenue including the installation of signals at Lillie Avenue and Kings Highway be undertaken in summer 2022.
5. Administration looks for, and apply to, any grant opportunities arising to support this type of project through summer 2022.

Respectfully Submitted



Travis Rob, P.Eng

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

- 1. The Town accept the sizeable donation from Farmboy Real Estate with thanks,**
- 2. A committee of 5 members of the public, 1 member of Farmboy Real Estate, 1 member of Town administration be struck to finalize the design works and spearhead fundraising activities.**
- 3. A trust account be setup by the Town to accept and control donations received for this project.**
- 4. Design works for the reconstruction of Lillie Avenue including the installation of signals at Lillie Avenue and Kings Highway be undertaken in summer 2022.**
- 5. Administration looks for, and apply to, any grant opportunities arising to support this type of project through summer 2022.**

Manager of Operations and Facilities

2022May4 Splash Pad Donation - Farmboy



April 19, 2022

Dear Faisal Anwar,
Chief Administrative Officer; and the Fort Frances Town Council,

The team at Farmboy Real Estate would like to reaffirm their commitment to participating in the funding of the splash park in Fort Frances. As previously announced, we pledge to invest \$100,000.00 into the project and are eager to continue discussing, planning, and developing what's possible.

As the project is only in its very early stages, we hope to see momentum, excitement, and partnerships built across the community, leveraging the power of both the public and private sectors.

In fact, one of the reasons why we continue to be invested in the project is because of the ease we've had in communicating and coordinating our efforts with town official Travis Rob.

We will always look forward to working with anyone who's interested in building valuable assets for the greater community.

Kaleb Firth
Farmboy Real Estate

May 4, 2022

Report To: Mayor and Council

From: Travis Rob, Manager of Operations and Facilities

RE: Letter dated Ms. Linda Chisick Requesting the installation of a bench at the Riverview Cemetery Columbaria.

At the April 11, 2022 meeting of Council a letter was received from Ms. Linda Chisick requesting to place a bench near the LaVerendrye Columbarium at the Riverview Cemetery. Currently there are a few benches already around the columbaria, placed there over the years by the Town of Fort Frances. In 2021 three new columbaria were placed in line with the original two finishing out the line. In 2022 the Town intends to complete the paving stone and landscaping works around these new columbaria.

If Council is open to the idea of having memorial benches placed around the columbaria or other locations within the Cemeteries, Administration would suggest we follow similar procedure to those benches installed along the riverfront walkway or local parks. Once Council agreed to the request, the requestor would be billed for the cost of the bench and would be responsible to procure a plaque. The Town would install the concrete pad then install the bench and plaque thereafter.

Recently the Town changed bench suppliers and types, with the new benches constructed of cast aluminum with slats of recycled plastic composite made by a Canadian Company called Barco Products. We have ordered composite picnic tables from this company in the past and the product quality is excellent. There are a number of colour choices for these benches so we can match the colour to other aspects of the location where the bench will be located. The bench cost is \$1358.85 plus applicable taxes and shipping.

The Operations & Facilities Executive Committee recommends the following;

- 1) That Ms. Linda Chisick would be responsible for all the costs of the following materials;
 - “Sterling Bench” complete with Composite slats manufactured by Barco Products
 - Freight costs to transport the bench materials to Fort Frances.
 - The plaque supplied by General Supply-purchased on her own.
- 2) That the Town will supply the labour & materials to construct the foundation for the bench during the landscaping activities planned for the Riverview Cemetery this summer.
- 3) That the Town will supply the labour to install the new Sterling Bench and plaque.

Respectfully Submitted



Travis Rob, P.Eng

Council approval of this report will agree with the recommendation of the Operations and Facilities Executive Committee of the following:

- 1) That Ms. Linda Chisick would be responsible for all the costs of the following materials;**
 - **“Sterling Bench” complete with Composite slats manufactured by Barco Products**
 - **Freight costs to transport the bench materials to Fort Frances.**
 - **The plaque supplied by General Supply-purchased on her own.**
- 2) That the Town will supply the labour & materials to construct the foundation for the bench during the landscaping activities planned for the Riverview Cemetery this summer.**
- 3) That the Town will supply the labour to install the new Sterling Bench and plaque.**

Manager of Operations and Facilities

2022May4 Linda Chisick Bench request Riverview Cemetery

March 28 2022



Dear Mayor J. Caul and Council

Re: Placing a concrete bench or a concrete seat.

I Linda Chisick NÉE Smith at 924 Frenette Avenue am sending this letter requesting approval to place a bench or seat located near Lakerendrye Columbarium-Niche #N-7 at Riverview Cemetery.

Now that my parents Mr and Mrs Herb Smith are deceased, was wanting to do this in memory of them this Fall of 2022.

Thankyou for your time for this request. It would be much appreciated if approved.

Sincerely,

Linda Chisick, Daughter of Herb and Marie Smith
Residence 924 Frenette Avenue
Fort Frances, Ontario
P9A 3N4

Phone # (807) 274-9277

Linda Chisick

May 4, 2022

Report To: Mayor and Council

From: Travis Rob, Manager of Operations and Facilities

RE: Award of Tender 2022-OF-03 – Supply and Delivery of a new Aircraft Refueler Truck

In 2021 the Town was successful in securing funding under the Regional Air Transportation Initiative for relief from COVID related operational impacts. The funds were to cover incurred costs between March 31, 2020 and March 31, 2021. These funds were placed in a reserve fund for the replacement of the current Aircraft Refueler Truck.

During the week of February 17th the Town advertised for the replacement of the refueler truck, however no bids were received. The tender was reworked and readvertised the week of April 6 as well as posted on the Town's website both times. Tenders were to be opened publicly on Tuesday April 26, 2022 however no bids were received. I had received questions from one supplier and in reaching out to that supplier it was noted that they had faxed their submission in and had a receipt to that affect. They had sent in their originals by Fed-Ex but due to their origination in the US, they had to clear customs before they could arrive in Fort Frances. They then submitted the tender via email at 3:07pm. Administration has had issue receiving fax submissions, even some on the date that SkyMark did send their bid. As a result of this, and given we have only received one bid, it is the recommendation of Administration that we accept the bid from SkyMark Refuelers.

SkyMark Refuelers bid a total tender price of \$308,750 USD for a 5000-gallon truck with delivery approximately 210 days after receipt of deposit. The budget allocation for this truck in 2022 was \$300,000.00 resulting in a budget shortfall of \$8750.00 plus exchange. Administration has an obligation to outline any bid irregularities in the tender submission, there were a few minimal differences from the spec, outlined below:

1. The bid package required a 1500W block heater, where a 1000W would come with the truck
2. Public Works Mechanics would not be approved for warranty repairs; however the truck chassis would be an International, and there are certified International Tech's in the area to cover any warranty repairs required.
3. Part of the bid package was for the trade in of the Town's 1999 International Fuel Truck, SkyMark Refuelers, was not interested in taking our truck on trade. Controller is an online classified for specifically aircraft or aircraft related equipment including fuel trucks. It is the recommendation of Administration that the 1999 Fuel truck be listed for sale on that site to try to maximize the return for that truck. Once we have a new truck a subsequent report will be brought forward to Council to declare the old truck surplus and layout the process for disposing of the asset.

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

1. Tender 2022-OF-03 be awarded to SkyMark Refuelers for a total bid price of \$308,750 USD
2. That the funding shortfall and exchange be funded through year end surplus or out of the Vehicle and Equipment Reserve Fund.
3. That a By-Law be prepared to authorize Mayor and Clerk 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 that:

- 1. Tender 2022-OF-03 be awarded to SkyMark Refuelers for a total bid price of \$308,750 USD**
- 2. That the funding shortfall and exchange be funded through year end surplus or out of the Vehicle and Equipment Reserve Fund.**
- 3. That a By-Law be prepared to authorize Mayor and Clerk to execute the agreement on behalf of the corporation.**

Manager of Operations and Facilities

2022May4 Award of Tender 2022-OF-03 Aircraft refueler truck

May 4, 2022

Report To: Mayor and Council

From: Travis Rob, Manager of Operations and Facilities

RE: Award of Tender 2022-OF-05 – Fire suppression sprinkler system installation in 52 Canadians Arena

As part of the large ICIP Capital improvement project at the Memorial Sports Centre, the Town planned to install an automatic fire suppression sprinkler system in the 52 Canadians Arena. This type of facility is required to have an automatic fire suppression sprinkler system installed in it under both the Ontario Building Code and the Ontario Fire Code. Further, the roof system on the arena is made of combustible timbers and is of a design that is known to fail quickly and catastrophically in the event of a fire. Councils have been alerted to this numerous times over the last 20 years by both the Building Official and Fire Chief. Administration is happy to have the opportunity to undertake this project with the help of the ICIP program and bring this facility up to code and protect the users of the facility for years to come.

The Town undertook the design work for this installation in the fall of 2021 in preparation for a tender to be advertised the week of March 7, 2022. Advertisements were placed in the Fort Frances Times, Thunder Bay Construction Association and Winnipeg Construction Association as well on the Town website. On March 30, 2022, there was a mandatory site meeting where 5 firms attended.

The tenders were opened publicly at the Town of Fort Frances Council Chambers on April 19th 2022, where one bid was received. Tom Jones Corporation submitted a bid of \$558,800 including \$35,000 in allowances. Administration has an obligation to point out any irregularities in tender submissions, there were none noted.

It should be noted that this installation will require a dedicated water service to be installed onsite. This work will be coordinated and completed by the Town, however there will be materials associated with that work not included in the above costs.

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

1. Tender 2022-OF-05 be awarded to Tom Jones Corporation for a total tender price of \$558,800 including \$35,000 in allowances.
2. That a by-law be prepared authorizing Mayor and Clerk to execute the agreement on behalf of the corporation.

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 agree with the recommendation of the Operations and Facilities Executive Committee that:

- 1. Tender 2022-OF-05 be awarded to Tom Jones Corporation for a total tender price of \$558,800 including \$35,000 in allowances.**
- 2. That a by-law be prepared authorizing Mayor and Clerk to execute the agreement on behalf of the corporation.**

Manager of Operations and Facilities

2022May4 Award of Tender 2022-OF-05 52 Canadians Sprinkler System Installation

April 19, 2022

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
March 2022 Monthly Report**

As per the operating agreement, the attached document is the March 2022 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. Ty Maurice, Senior Operations Manager.

Yours truly,



Kelly Cunningham
Team Lead

For Ty Maurice
Senior Operations Manager

**The Corporation of the Town of Fort Frances
Wastewater Treatment Plant
(Sewage Plant)
March 2022 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 March 2022; 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 ³ /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.

March 2022 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 ₅	3.0 mg/L	25 mg/L	15 mg/L	17.0 kg/d	225 kg/d	135 kg/d
Total Suspended Solids	2.8 mg/L	25 mg/L	15 mg/L	16.9 kg/d	225 kg/d	135 kg/d
Total Phosphorus	0.18 mg/L	1.0 mg/L	0.9 mg/L	1.06 kg/d	9 kg/d	8.1 kg/d
Total Nitrogen Nitrate Nitrogen	15.5 mg/L 4.11 mg/L					
Total Cl ₂ Residual		<0.01 mg/L (when in use)				
E-Coli		34.8 count/100 ml (geometric mean)		200 count/100ml (geometric mean)		E-coli not to exceed 150 organisms/100ml (monthly geometric mean density)
pH				pH range 7.1 to 7.3; average pH was 7.2		
Temperature degrees C				Temperatures ranged from 7.0 to 8.0 C; average temperature of effluent was 7.4 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 March was 5843.3 m³/day. This represents 65% of the design average flow. Total treated flow for the month was 181143 m³. 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 objectives as outlined in the Environmental Compliance Approval.

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. Hosed Snail
- Monthly inspection of spiral screen access hatch, removed wrapped debris
- Weekly manifold wash and restrictor cleaning on the Fournier press
- Inspected teacup
- Cannect Electric installed new Panel C at the plant
- Cannect Electric replaced stairwell lighting relays main building
- Lakeside Controls did the Delta V preventative maintenance

Pump Stations:

- Ran gensets
- Changed seal water strainers
- Cannect Electric installed new starter and overload for pump 2 at White Pine lift station
- Cannect Electric replaced a relay at White Pine lift station
- Cannect Electric installed new starter and overload for pump 1 at Boundary Road lift station
- Peterbilt replaced a fuel line on Fifth Street genset

PROCESS AND OPTIMIZATION ISSUES

SLUDGE SUMMARY

Dennis Robinson Limited hauled a calculated total of 118.9 m³ (11 bins) of thickened digested sludge to the Town of Fort Frances landfill site. The hauled sludge averaged 22.5 % TS for the month but slump test results from the landfill site have not been provided.

The Fournier press ran for 176.8 hours in the past month.

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 479 (x 180 multiplier) kWh.
The Fournier press has been operated 450.4 hours in 2022.

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)

2022 Fort Frances Wastewater

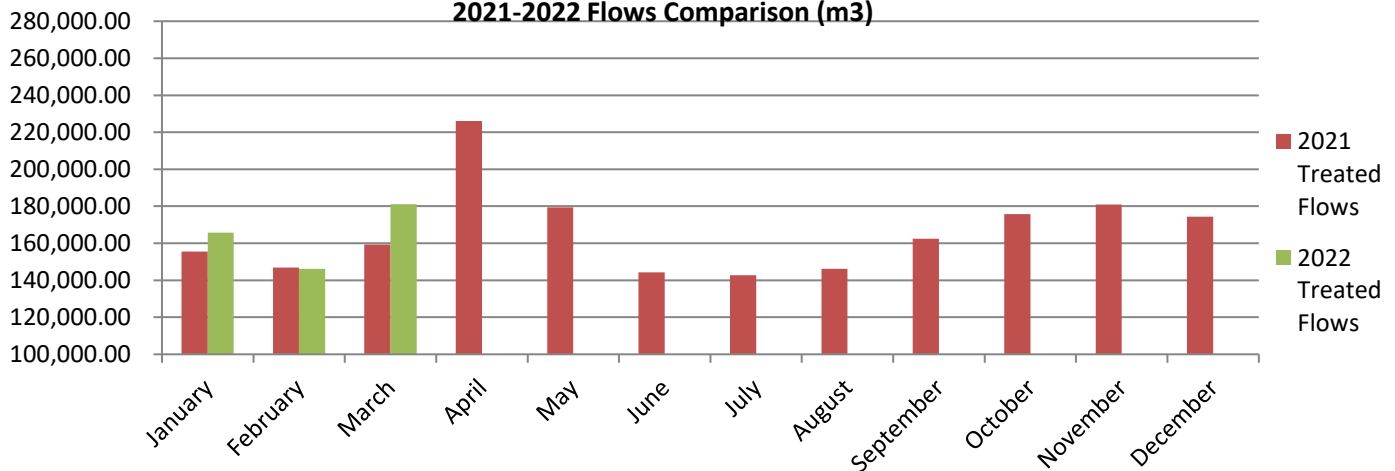
Month	Sewage Flows Year 2022					Usage	Calculated	Sludge	Removal Efficiency	
	Avg. Day	Max Day	Total	Total	Total	% Plant	Volume	Bins	CBOD5 0.967684978	
	Flow	Flow	Treated	ByPass	Volume	Capacity	Hauled	Hauled	Suspended Solids 0.983785982	
	m3	m3	Volume ML	Volume ML	ML		M3		Total Phosphorus 0.986196319	
January	5347.3	5710	165767		165767	59%	111.0	12		
February	5220.0	7432	146159		146159	58%	96.8	10		
March	5843.3	6920	181143		181143	65%				
April						0%				
May						0%				
June						0%				
July						0%				
August						0%				
September						0%				
October						0%				
November						0%				
December						0%				
Sum				0	493069		207.8	22		
Average	5470		164356		164356	62%	103.9	11.0		
Max		7432	181143		181143			12		
ECA	9000	18000								

Month	BOD5/CBOD5			Suspended Solids			Total Phosphorus			Nitrogen		E. Coli	pH	
	Avg. Raw	Avg. Eff.	Avg. Load	Avg. Raw	Avg. Eff.	Avg. Load	Avg. Raw	Avg. Eff.	Avg. Load	Avg. Raw	Avg. Eff.	Geo Mean	Monthly	Monthly
	BOD (mg/L)	CBOD (mg/L)	CBOD (kg/day)	S.S (mg/L)	S.S (mg/L)	S.S (kg/day)	T.P (mg/L)	T.P (mg/L)	T.P (kg/day)	TKN (mg/L)	Total N (mg/L)	Counts /100ml	Minimum	Maximum
January	111.3	4.5	24.1	185.2	3.5	18.7	2.92	0.14	0.75	19.53	13.05	49.7	7.0	7.5
February	139.0	4.0	20.8	212.5	3.3	17.8	3.18	0.13	0.66	20.8	16.0	13.2	7.1	7.4
March	106.5	3.0	17.0	192.5	2.8	16.9	26.50	0.18	1.06	16.4	15.5	34.8	7.1	7.3
April														
May														
June														
July														
August														
September														
October														
November														
December														
Average	118.9	3.8	20.6	196.7	3.2	17.8	10.87	0.15	0.82	18.9	14.9	32.6	7.1	7.4
Max	139	4.53	24.1	212.5	3.47	18.65	26.50	0.18	1.06	20.8	16.0	49.7	7.1	7.5
ECA		25	225		25	225		1.0	9.0			200	6.0	9.5

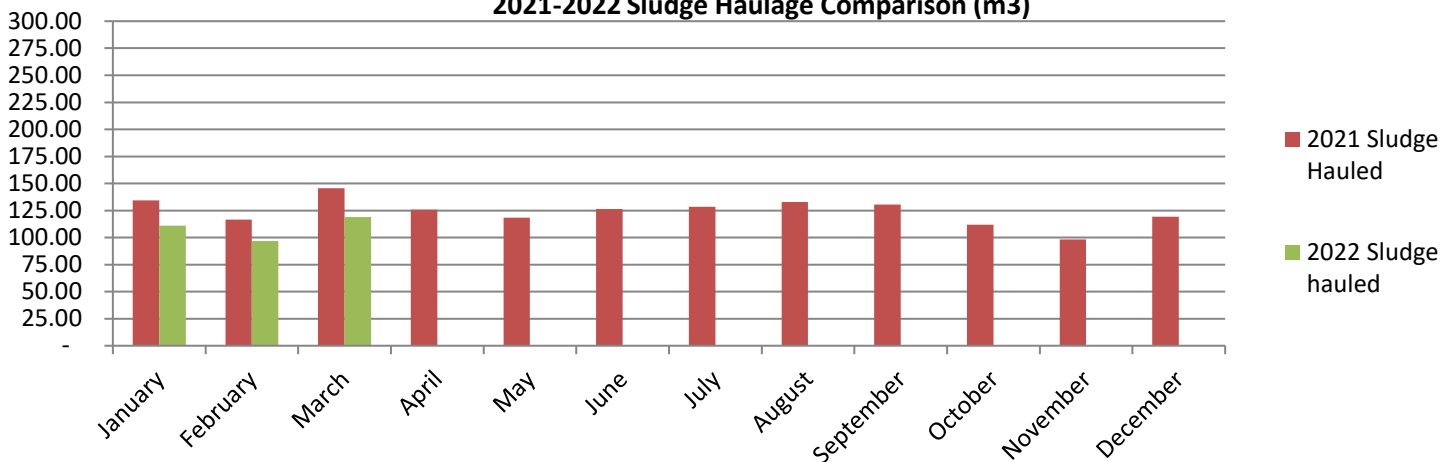
2021-2022 Comparison Chart

Month	2021 Treated Sewage	2022 Treated Sewage	% Variance 2021 to 2022	2021 Hauled Sludge	2022 Hauled Sludge	% Variance 2021 to 2022
	m3	m3	m3	m3 (calculated)	m3 (calculated)	m3
January	155,465.00	165,767.00	6%	134.40	111.00	-17%
February	146,883.00	146,159.00	0%	116.60	96.80	-17%
March	159,400.00	181,143.00	12%	145.60	118.90	-18%
April	226,144.00		#DIV/0!	125.70		-100%
May	179,453.00		#DIV/0!	118.30		-100%
June	144,334.00		#DIV/0!	126.40		-100%
July	142,697.00		#DIV/0!	128.30		-100%
August	146,248.00		#DIV/0!	132.90		-100%
September	162,428.00		#DIV/0!	130.40		-100%
October	175,723.00		#DIV/0!	111.90		-100%
November	180,930.00		#DIV/0!	98.20		-100%
December	174,412.00		#DIV/0!	119.30		-100%
Totals	1,994,117.00	493,069.00	-304%	1,488.00	326.70	-78%

2021-2022 Flows Comparison (m3)



2021-2022 Sludge Haulage Comparison (m3)



Workorder Summary Report

Report Start Date: Mar 1, 2022 12:00 AM

Report End Date: Mar 31, 2022 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
2721816	0000246376	GEAR DRIVE SC 4-2-1	1103, Fort Frances WPCP, Process	CALL	Refurbish/ Replace/Repair	0		Longitudinal collector 2 failure call in 1103	COMP		3/5/22 05:30 PM	3/5/22 07:15 PM	Longitudinal collector 2 failure call in 1103 - I was called by the auto dialer for a collector failure alarm at 1730 hours. When I arrived at the plant, I acknowledged the longitudinal collector number 2 alarms on SCADA. A shear pin was broken and once replaced the clarifier collector was in operation again (1830 hours).
2723868	0000246376	GEAR DRIVE SC 4-2-1	1103, Fort Frances WPCP, Process	CALL	Refurbish/ Replace/Repair	0		Mar 14 Longitudinal collector 2 failure call in 1103	COMP		3/14/22 05:45 PM	3/14/22 07:15 PM	Mar 14 Longitudinal collector 2 failure call in 1103 - I was called by the auto dialer for a collector failure at 1745 hours. I drove to the plant where I acknowledged alarms on the SCADA computer and proceeded to replace a broken shear pin on longitudinal collector 2 gear drive. A restart of the collector was then possible without any more trouble.
2705002			1103, Fort Frances WPCP	OPER	Inspection	1	MONTHS	Snow Removal at Wastewater Treatment (1m) 1103	COMP	3/1/22 12:00 AM	4/3/22 02:56 PM	4/3/22 02:56 PM	
2717975	0000227376	PANEL ALARM/ DIALER	1103, Fort Frances WPCP, Process, Process Control & Monitoring	PM	Inspection	1	MONTHS	Critical Alarm/Dialer Testing (1m) 1103	COMP	3/1/22 12:00 AM	3/27/22 11:00 AM	3/27/22 12:00 PM	Dialer Test - We test daily.
2717979			1103, Fort Frances WPCP	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Gensets Inspection/ Functional Tests (1m) 1103	COMP	3/1/22 12:00 AM	3/31/22 02:27 PM	3/31/22 02:27 PM	Diesel Gensets Inspection/ Functional Tests (1m) 1103 - Ran gensets at lift stations as well as the portable Yamaha. Peterbilt replaced a fuel line on Fifth Street genset
2717995			1103, Fort Frances WPCP	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 1103	COMP	3/1/22 12:00 AM	3/27/22 07:00 AM	3/27/22 08:00 AM	H&S Inspection - Plow truck box still unsafe to use. due to rust
2718006			1103, Fort Frances WPCP	PM	Inspection	1	MONTHS	TPM Inspection/Maintenance (1m) 1103	COMP	3/1/22 12:00 AM	4/3/22 02:56 PM	4/3/22 02:56 PM	
2718351			1103, Fort Frances WPCP	PM	Inspection	1	MONTHS	Blowers/Motors Inspection/Service (1m/3m) 1103	COMP	3/1/22 12:00 AM	3/28/22 02:00 PM	3/28/22 03:00 PM	Blower Maint. - I greased all blowers.

Workorder Summary Report

Report Start Date: Mar 1, 2022 12:00 AM

Report End Date: Mar 31, 2022 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
2718361	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	3/1/22 12:00 AM	3/31/22 02:50 PM	3/31/22 02:50 PM	Teacup Centrifuge Inspection/ Service (1m/3m/1y) 1103 - Drained and inspected Teacup and found no debris. Greased bearings and lubricated drive chain
2715204	0000246402	CENTRIFUGE GS2-2-1 TEACUP/ GRIT SNAIL	1103, Fort Frances WPCP, Process, Primary Treatment, Primary Sludge Degritting	CALL	Refurbish/ Replace/Repair	0		Screen Inlet High Level 1103	COMP		3/1/22 08:03 AM	3/1/22 08:13 AM	Screen Inlet High Level Alarm - I arrived onsite to find the screen to not be running . I then turned the MCC breaker off and on and it restarted the screen. I then monitored a normal start and stop.

Aircraft Landings 2022
As of April 30, 2022

Month	Bearskin Flights			Bearskin Passengers			Air Bravo Passengers			Government			Private			Med-I-vacs			International			Commercial			Totals			Variance
	2022	2021	2020	2022	2021	2020	2022	2021	2020	2022	2021	2020	2022	2021	2020	2022	2021	2020	2022	2021	2020	2022	2021	2020	2022	2021	2020	2022-2021
January	10	4	56	28	9	140	0	0	8	0	0	2	2	2	15	45	36	50	0	0	0	0	0	45	57	42	168	15
February	12	0	64	19	0	149	0	0	12	0	4	3	0	8	6	56	58	36	0	0	1	0	0	38	68	70	148	-2
March	15	0	41	30	0	99	0	0	0	3	20	1	7	8	10	60	57	39	0	0	6	0	0	0	85	85	97	0
1/4 Total	37	4	161	77	9	388	0	0	20	3	24	6	9	18	31	161	151	125	0	0	7	0	0	83	210	197	413	13
April	9	0	1	34	0	0	0	0	0	2	5	2	24	18	10	48	63	30	0	0	1	0	0	0	83	86	44	-3
May		0	0		0	0		0	0		2	3		43	20		74	40		0	0		0	0	0	119	63	-119
June		0	0		0	0		0	0		5	0		159	21		68	53		0	0		0	0	0	232	74	-232
1/2 Total	46	4	162	111	9	388	0	0	20	5	36	11	33	238	82	209	356	248	0	0	8	0	0	83	293	634	594	-341
July		9	0		29	0		0	0		30	2		185	44		80	35		0	0		0	0	0	304	81	-304
August		10	0		19	0		0	0		11	0		96	31		67	38		12	0		0	0	0	196	69	-196
September		14	11		23	17		0	0		0	1		44	27		65	61		7	2		0	0	0	130	102	-130
3/4 Total	46	37	173	111	80	405	0	0	20	5	77	14	33	563	184	209	568	382	0	19	10	0	0	83	293	1264	846	-971
October		16	16		35	30		0	0		0	5		18	9		62	59		2	0		0	0	0	98	89	-98
November		14	15		43	46		0	0		7	3		16	14		50	45		0	0		0	0	0	87	77	-87
December		14	12		20	15		0	0		3	6		9	4		56	54		0	0		0	0	0	82	76	-82
Total	46	81	216	111	178	496	0	0	20	5	87	28	33	606	211	209	736	540	0	21	10	0	0	83	293	1531	1088	-1238

Fort Frances Airport - Page 2/2 - Fuel Sales - April 30, 2022

Fuel Sales Recap - 2022									2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	10 year	Variance
Month	100LL		Jet Trk		Jet Cab		Month	Year	per	per	per	per	per	per	per	per	per	per	Average	2022-2021
	Liters	Total	Liters	Total	Liters	Total	Total	Total	month	month	month	month	month	month	month	month	month	month	2022 to 2013	per month
January	122	122	6,723	6,723		0	6,845	6,845	6,845	4,783	7,962	8,050	16,597	25,675	7,528	8,692	11,543	7,216	10,489	2,062
February	81	203	3,614	10,337		0	3,695	10,540	3,695	7,447	5,077	7,991	16,286	12,503	11,904	11,231	12,304	6,197	9,464	-3,752
March	360	563	5,784	16,121		0	6,144	16,684	6,144	16,822	6,473	13,716	9,798	21,928	13,255	17,795	10,508	12,077	12,852	-10,678
April	621	1,184	7,716	23,837		0	8,337	25,021	8,337	12,064	1,459	13,010	10,398	13,102	8,592	13,219	8,377	4,453	9,301	-3,727
May		1,184		23,837		0	0	25,021	0	16,549	11,685	18,667	24,839	21,362	24,681	16,161	29,753	18,350	18,205	-16,549
June		1,184		23,837		0	0	25,021	0	79,359	8,082	31,063	27,380	27,380	26,015	45,698	30,789	22,786	29,855	-79,359
July		1,184		23,837		0	0	25,021	0	86,299	11,116	17,146	23,461	24,642	29,002	28,150	14,441	19,232	25,349	-86,299
August		1,184		23,837		0	0	25,021	0	25,799	7,530	17,024	30,430	23,029	21,119	36,638	20,450	20,075	20,209	-25,799
September		1,184		23,837		0	0	25,021	0	20,676	14,689	16,543	25,191	13,489	21,325	24,238	21,837	18,005	17,599	-20,676
October		1,184		23,837		0	0	25,021	0	8,708	4,307	9,076	10,769	16,604	30,655	8,216	15,472	13,109	11,692	-8,708
November		1,184		23,837		0	0	25,021	0	8,599	13,333	2,202	10,748	9,924	22,349	11,616	7,238	6,398	9,241	-8,599
December		1,184		23,837		0	0	25,021	0	8,356	5,333	5,852	13,243	6,560	13,797	7,592	6,849	2,028	6,961	-8,356
Total	1,184		23,837		0		25,021		25,021	295,461	97,046	160,340	219,140	216,198	230,222	229,246	189,561	149,926	181,216	-270,440

Lowest month in last 9 years
Highest month in last 9 years
Highest month
lowest month

Sewer & Water Data for 2022

up-dated May 2, 2022

Month	Days per month	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022-2021	2022-2021	2022	2022	Monthly Infiltration US Gallons
		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	165767	5347.32	9178	296.06	5.54%	108550	3501.6	15229	491.2	14.03%	3190.0	10302.0	57217.0	1845.7	15,115,129
February	28	146159	5219.96	9649	344.61	6.60%	116300	4153.6	15229	543.9	13.09%	12410.0	-724.0	29859.0	1066.4	7,887,912
March	31	181143	5843.32	12116	390.84	6.69%	143250	4621.0		0.0	0.00%	34130.0	21743.0	37893.0	1222.4	10,010,270
April	30		0.00		0.00	#DIV/0!		0.0		0.0	#DIV/0!	-99400.0	-226144.0	0.0	0.0	-
May	31		0.00		0.00	#DIV/0!		0.0		0.0	#DIV/0!	-113290.0	-179453.0	0.0	0.0	-
June	30		0.00		0.00	#DIV/0!		0.0		0.0	#DIV/0!	-135470.0	-144334.0	0.0	0.0	-
July	31		0.00		0.00	#DIV/0!		0.0		0.0	#DIV/0!	-178930.0	-142697.0	0.0	0.0	-
August	31		0.00		0.00	#DIV/0!		0.0		0.0	#DIV/0!	-139070.0	-146248.0	0.0	0.0	-
September	30		0.00		0.00	#DIV/0!		0.0		0.0	#DIV/0!	-99820.0	-162428.0	0.0	0.0	-
October	31		0.00		0.00	#DIV/0!		0.0		0.0	#DIV/0!	-96920.0	-175723.0	0.0	0.0	-
November	30		0.00		0.00	#DIV/0!		0.0		0.0	#DIV/0!	-93590.0	-180930.0	0.0	0.0	-
December	31		0.00		0.00	#DIV/0!		0.0		0.0	#DIV/0!	-102560	-174412.0	0.0	0.0	-
Total	365	493069		30943			368100.0		30457.0			-1009320.0	-1501048.0	124969.0	342.4	33,013,311
Monthly Average		164356.3	1367.6	10314.3	86.0	6.28%	122700.0	1023.0	15228.5	86.3	9.04%	16576.7	10440.3	41656.3	1378.2	11,004,437

Frog Creek Station equipment failure reporting negative flows. Reported here as 0

2022 - Tonnage at Landfill Site - Updated April 13, 2022

2022 - Tonnage at Landfill Site - Updated April 13, 2022											2021				2022	
		Residential Waste		ICI Waste		Non Community Waste		Covering Material	2021	Average last 10 years	2022	Total Fees	Average last 10 years	Total Fees		
MONTH	(tonne)	Res (%)	(tonne)	ICI (%)	(tonne)	Non Community Waste (%)	(tonne)	Total Tonne	Total Tonne 2012 to 2021	Total Tonne			Fees 2012 to 2021		2022-2021 Tonnes	2021-2020 Fees
JAN	162.33	35.3%	226.28	49.3%	86.50	18.8%	0.00	459.22	426.05	475.11	\$ 25,366.15	\$ 23,737.37	\$ 25,255.40	15.89	-\$ 110.75	
FEB	118.55	30.4%	207.81	53.4%	6.77	1.7%	0.00	389.49	352.10	333.13	\$ 24,123.20	\$ 19,887.21	\$ 21,756.05	-56.36	-\$ 2,367.15	
MAR	144.73	14.8%	269.07	27.5%	8.87	0.9%	733.11	979.768	481.99	1,155.78	\$ 37,106.95	\$ 30,919.67	\$ 31,689.20	176.01	-\$ 5,417.75	
APRIL		0.0%		0.0%		0.0%		702.84	592.48	0.00	\$ 45,566.13	\$ 36,901.77		-702.84	-\$ 45,566.13	
MAY		0.0%		0.0%		0.0%		705.19	734.64	0.00	\$ 45,287.00	\$ 42,681.85		-705.19	-\$ 45,287.00	
JUNE		0.0%		0.0%		0.0%		618.77	813.63	0.00	\$ 40,220.10	\$ 42,721.69		-618.77	-\$ 40,220.10	
JULY		0.0%		0.0%		0.0%		799.37	631.99	0.00	\$ 39,932.70	\$ 40,253.76		-799.37	-\$ 39,932.70	
AUG		0.0%		0.0%		0.0%		757.10	695.87	0.00	\$ 52,713.60	\$ 42,540.36		-757.10	-\$ 52,713.60	
SEPT		0.0%		0.0%		0.0%		729.60	695.74	0.00	\$ 50,808.55	\$ 42,958.03		-729.60	-\$ 50,808.55	
OCT		0.0%		0.0%		0.0%		620.28	843.13	0.00	\$ 40,565.40	\$ 46,321.47		-620.28	-\$ 40,565.40	
NOV		0.0%		0.0%		0.0%		565.34	562.11	0.00	\$ 34,202.60	\$ 32,790.82		-565.34	-\$ 34,202.60	
DEC		0.0%		0.0%		0.0%		457.74	442.22	0.00	\$ 28,793.15	\$ 24,505.91		-457.74	-\$ 28,793.15	
Average per monthly	\$ 141.87	26.85%	\$ 234.39	43.36%	\$ 34.05	7.16%	\$ 244.37	\$ 609.49	\$ 420.05	\$ 654.67	\$ 28,865.43	\$ 24,848.08	\$ 26,233.55	\$ 45.18	-\$ 2,631.88	
Total	425.61		703.16		102.14		733.11	7784.70	7271.95	1964.02	\$ 464,685.53	\$ 426,219.90	\$ 78,700.65	-5820.68	-\$ 385,984.88	
												\$ 464,685.53	Actual	\$ 78,700.65		
Town of Fort Frances Tonnage												\$ 440,000.00	Budget	\$ 440,000.00		
Total Tonnage	1964.02															
												\$ 346,385.20	Forecasted	\$ 314,802.60		
Residential Tonnage	425.61	21.67%														
ICI Tonnage	703.16	35.80%														
Coverage material	733.11															

TOWN OF FORT FRANCES
Operations and Facilities Division - Environmental Area - Operations Statistics
January-22

STAFFING:

See Operations Statistics prepared by Superintendent of Transportation

OVERTIME HOURS - Equivalent Straight Time Hours

See Operations Statistics prepared by Superintendent of Transportation

WATER DISTRIBUTION & WASTE WATER COLLECTION:

See Monthly Summary Stats (Attached)
Misc. water turn on / off
1 frozen water line
Misc. repairs
Shovelled / cleared out fire hydrants throughout town

WATER TREATMENT PLANT:

B. Patterson cross-training @ WTP
MECP Annual un-announced inspection completed
Performed maintenance on media filters
Performed maintenance on clarifiers

WASTE-WATER TREATMENT FACILITY:

In receipt of the Wastewater Treatment Facility Monthly Report.

WASTE MANAGEMENT:

Garbage Collection:

Garbage not picked up - No Data Available from Asselins

Sanitary Landfill (Waste Disposal Site):

Landfill Scales functioning normally during this period.

Amount of residential waste (kg) delivered to the landfill:
See Landfill Report from T. Rob.

Amount of ICI waste (kg) delivered to the landfill:
See Landfill Report from T. Rob.

Recycling:

Recycle not picked up - No Data Available from Asselins

Amount of recycled waste (Metric Tonnes) diverted from the landfill:
No Data (Emterra)

Prepared By: Craig Miller, P.Eng.

Environmental Superintendent

Date: 5/2/2022

TOWN OF FORT FRANCES
Operations and Facilities Division - Environmental Area - Operations Statistics
February-22

STAFFING:

See Operations Statistics prepared by Superintendent of Transportation

OVERTIME HOURS - Equivalent Straight Time Hours

See Operations Statistics prepared by Superintendent of Transportation

WATER DISTRIBUTION & WASTE WATER COLLECTION:

See Monthly Summary Stats (Attached)
Repaired various curbstops, valve covers and sewer cleanouts
Misc. water turn on / off - snowbird activity
15 Frozen water lines
Cleared multiple plugged sewers
Online learning taking place for staff for exam prep and training
Continued to shovel fire hydrants clear as time permitted
Repaired 1 watermain break on 300 block of church street

WATER TREATMENT PLANT:

B. Patterson cross-training @ WTP
Continued maintenance on clarifiers
Online learning taking place for staff for exam prep and training
Submitted Annual Report and Water Taking Reports to MECP

WASTE-WATER TREATMENT FACILITY:

In receipt of the Wastewater Treatment Facility Monthly Report.

WASTE MANAGEMENT:

Garbage Collection:

Garbage not picked up - No Data Available from Asselins

Sanitary Landfill (Waste Disposal Site):

Landfill Scales functioning normally during this period.

Amount of residential waste (kg) delivered to the landfill:
See Landfill Report from T. Rob.

Amount of ICI waste (kg) delivered to the landfill:
See Landfill Report from T. Rob.

Recycling:

Recycle not picked up - No Data Available from Asselins

Amount of recycled waste (Metric Tonnes) diverted from the landfill:
No Data (Emterra)

Prepared By: Craig Miller, P.Eng. Environmental Superintendent

Date: 5/2/2022

TOWN OF FORT FRANCES
Operations and Facilities Division - Environmental Area - Operations Statistics
March-22

STAFFING:

See Operations Statistics prepared by Superintendent of Transportation

OVERTIME HOURS - Equivalent Straight Time Hours

See Operations Statistics prepared by Superintendent of Transportation

WATER DISTRIBUTION & WASTE WATER COLLECTION:

Online learning taking place for staff for exam prep and training
Repaired various curbstops, valve covers and sewer manholes
21 Frozen water lines
Water turn on/off's as requested by homeowners
Sanitary sewer flushing activities using vac truck
CCTV sewer services as requested by homeowners / plumbers
Unplug sanitary sewers as requested by homeowners
Continued to shovel fire hydrants clear as time permitted
Repaired water main breaks @ 500 block 2nd E, 200 block Armit, Nelson @ Mill Yard, 300 Block 6th W & 1300 block Elizabeth E

WATER TREATMENT PLANT:

B. Patterson cross-training @ WTP
Received MECP inspection report - 100%
Online learning taking place for staff for exam prep and training
Submitted Schedule 22 Report to MECP (on schedule)

WASTE-WATER TREATMENT FACILITY:

In receipt of the Wastewater Treatment Facility Monthly Report.
In receipt of 2021 Annual WWTP report by OCWA

WASTE MANAGEMENT:

Garbage Collection:

Garbage not picked up - No Data Available from Asselins

Sanitary Landfill (Waste Disposal Site):

Landfill Scales functioning normally during this period.

Amount of residential waste (kg) delivered to the landfill:
See Landfill Report from T. Rob.

Amount of ICI waste (kg) delivered to the landfill:
See Landfill Report from T. Rob.

Recycling:

Recycle not picked up - No Data Available from Asselins

Amount of recycled waste (Metric Tonnes) diverted from the landfill:
No Data (Emterra)

Prepared By: Craig Miller, P.Eng. Environmental Superintendent

Date: 5/2/2022

Water Works		Years				
DATE	WORK	2018	2019	2020	2021	2022
Jan	THAW FROZEN WL	1	6	1	1	1
	TURN WATER OFF	1	6		2	2
	TURN WATER OFF/ON	4	5		1	3
	TURN WATER ON	5			2	1
Jan Total		11	17	1	6	7
Feb	THAW FROZEN WL	27	11		11	15
	TURN WATER OFF	3	3	1	10	6
	TURN WATER OFF/ON		5	1	5	1
	TURN WATER ON	3		5	4	2
Feb Total		33	19	7	30	24
Mar	THAW FROZEN WL	3	27			21
	TURN WATER OFF		2			6
	TURN WATER OFF/ON	3	3	1	3	1
	TURN WATER ON	12	7	2	1	5
Mar Total		18	39	3	4	33
Grand Total		62	75	11	40	64

Sewer Works		Years				
DATE	WORK	2018	2019	2020	2021	2022
Jan	CCTV SEWER SERVICE	1	1	3	2	2
	THAW FROZEN SEWER					1
	UNPLUG SANITARY SEWER	20	21	7	2	2
	VAC OUT SEWER MAIN				1	2
Jan Total		21	22	10	5	7
Feb	CCTV SEWER SERVICE	2	2	1	5	1
	THAW FROZEN SEWER	1				
	TRACE SERVICES				1	
	UNPLUG SANITARY SEWER	20	10	6	6	9
	VAC OUT SEWER MAIN				4	2
Feb Total		23	12	7	16	12
Mar	CCTV SEWER SERVICE	1	1		4	2
	CONNECTION INSPECTION		1			
	THAW FROZEN SEWER					4
	UNPLUG SANITARY SEWER	12	9	3	6	10
	VAC OUT SEWER MAIN				1	
Mar Total		13	11	3	11	16
Grand Total		57	45	20	32	35

System Repairs		Years				
DATE	TYPE	2018	2019	2020	2021	2022
Jan	CURBSTOP		1		1	
	HYDRANT			2	2	
	SEWER SERVICE			2		1
	WATER SERVICE					1
	WATERMAIN	1	1	1	1	
Jan Total		1	2	5	4	2
Feb	CLEANOUT		2			
	CURBSTOP		8			
	HYDRANT				1	
	SEWER SERVICE		1		2	2
	WATER SERVICE		2		1	2
	WATERMAIN					1
	SANITARY MANHOLE				1	
Feb Total			13		5	5
Mar	CLEANOUT		2			
	CURBSTOP		2		13	1
	HYDRANT			2		1
	MANHOLE					3
	VALVE				8	2
	WATER SERVICE	2		1	1	
	WATERMAIN			2	1	5
	SAN MANHOLE			1		
Mar Total		2	4	6	23	12
Grand Total		3	19	11	32	19