

TOWN OF FORT FRANCES

Operations and Facilities Executive Committee

AGENDA - September 18, 2019, 8:30 AM

MEETING - Civic Centre

Session #013

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1. <u>Call to Order</u>	
2. <u>Disclosure of pecuniary interest and the general nature thereof</u>	
3. <u>Approval of Previous Committee Minutes</u>	
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TOWN OF FORT FRANCES

MINUTES

SESSION NO. #012

August 7, 2019

The meeting of Operations & Facilities Executive Committee of the Town of Fort Frances was held in the Civic Centre on August 7, 2019 from 8:30 p.m. to 8:50 p.m.

PRESENT: Chairperson R. Wiedenhoeft - Councillor, M. Behan, Councillor J. McTaggart, Doug Brown, CAO and Travis Rob.

ALSO PRESENT: Mayor June Caul and Adam Mitchell (8:30 a.m. to 9:00 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 July 3rd, 2019 - the minutes were approved as circulated.

4 Non-agenda Items

4.1 None

5 New Business

5.1 2019/2020 Connecting Link Program Funding Agreement - Scott Street - the administration report was approved as presented.

5.2 2019/2020 Connecting Link Program Contract Administration - Scott Street - the administration report was approved as presented

5.3 2019/2020 Connecting Link Program Funding Agreement - Kings Highway - the administration report was approved as presented.

5.4 2019/2020 Connecting Link Program Kings Highway Design Engineer Engagement - the administration report was approved as presented.

- 5.5 Award of Tender 19-OF-05 - Municipal Household Hazardous Waste Event Services - the administration report was approved as recommended.
- 5.6 Request Dated July 9, 2019 from the Rainy River District School Board - RE Unbudgeted Construction of a Sidewalk along McIrvine Road - the administration report was approved as recommended.
- 5.7 Award of Tender 19-OF-07 - Zoom Camera Inspection Project - Materials to be distributed at the meeting - the administration report was approved as recommended.
- 5.8 Award of RFP 19-OF-08 - Memorial Sports Centre Roof Replacement Design Firm - Materials to be distributed at the meeting - the administration report was approved as recommended.
- 5.9 April 2019 Drinking Water Systems Monthly Summary Report - the water summary report for April 2019 was approved as recommended.
- 5.10 May 2019 Drinking Water Systems Monthly Summary Report - the water summary report for May 2019 was approved as recommended.
- 5.11 June 2019 Drinking Water Systems Monthly Summary Report - the water summary report for June 2019 was approved as recommended.

6 Information

- 6.1 Operations and Facilities Division - Public Works Area - Operations Statistics - April 2019 - the Operations Statistics for April 2019 were forwarded to Council as information only. No action required.
- 6.2 Operations and Facilities Division - Public Works Area - Operations Statistics - May 2019 - the Operations Statistics for May 2019 were forwarded to Council as information only. No action required.
- 6.3 Fort Frances Wastewater Treatment Facility June 2019 Monthly Report - the wastewater report for June 2019 was forwarded to Council as information only. No action required.

7 Adjourn / Next Meeting Date

- 7.1 The meeting adjourned at 9:48 a.m.

Next meeting September 4, 2019

Executive Committee Chair

T. Rob, Manager of Operations & Facilities

September 18, 2019

Report To: Mayor and Council

From: Travis Rob, Manager of Operations and Facilities

RE: Letter Dated August 22, 2019 from Nioma Holden RE: Dumping of Sewage

At the September 9, 2019 meeting of Council, a letter dated August 22, 2019 from Ms. Nioma Holden was referred to the Operations and Facilities Executive Committee regarding dumping of sewage in the rear of property at 400 Eighth Street.

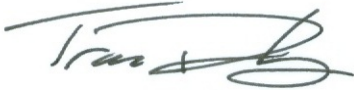
M. Holden is one of the owners of the aforementioned property and resides on that property. In addition, Hammond's Landscaping Ltd. operates their business on the same property with Mr. Art Hammond being a joint owner on the property.

In regard to the concern brought forward, the matter of sewage disposal on the ground falls under the Property Standards By-Law and a copy of the letter has been forwarded to the By-Law Enforcement Officers for further investigation.

In regard to the apparent dumping of Fuel Oil, the Town has no authority in this matter, this issue would be addressed by the Ministry of the Environment, which was informed according to the letter.

It is the recommendation of the Operations and Facilities Executive Committee that the letter dated August 22, 2019 from Nioma Holden be received and that the appropriate authorities handle the issues as outlined.

Respectfully Submitted



Travis Rob, P.Eng

Council approval of this report will agree with the recommendation of the Operations and Facilities Executive Committee that the letter dated August 22, 2019 from Nioma Holden be received and that the appropriate authorities handle the issues as outlined.

Manager of Operations and Facilities

1

400 Eighth St E.
Fort Frances, ON.

P9A 1X5

Aug. 22, 2019

Public Works - Tn. of Fort Frances,
900 Wright Ave. Fort Frances, ON.
P9A 3J9

To Whom It May Concern:

Re: Dumping of raw sewage by Art
Hammond at lot behind 400 Eighth
St. E., Fort Frances.

In late summer, 2018, an employee
of Hammond Landscaping Ltd., told my
visitor that the septic tank sewage
from the greenhouse/nursery business was
being pumped into Hammond's tank truck
and that Art Hammond was dumping
this raw sewage at the back of the lot
behind 400 Eighth St. E. ... the reason
being that there was no insurance or licence
on the tank truck. When this was related
to me by my visitor, I checked the
licence plate of the tank truck and
the last sticker on the plate had
expired Nov. 2015! I have since

witnessed the contents of the office septic tank being pumped into this tank truck and Art Hammond driving the truck to the back of the lot. When I check the truck on my daily walks, I eventually find the back latch on the tank open, indicating the sewage has been dumped (when no one is around) and the truck is usually moved over a bit. Since there is no tell tale 'odour', it can be assumed that Art is either digging a hole to dump the sewage into and then back-filling the hole or mixing the sewage into his topsoil. Art has the equipment and material readily available to do either.

The manager of the greenhouses, Trilla Hammond Mac Intosh has to be well aware of where this sewage is being dumped as she tells the employees when the septic tank requires pumping and she is solely responsible for keeping licences and insurance updated on ALL company vehicles and equipment and would therefore know that the sewage is being dumped on site!

On a separate matter: when the green-houses switched from fuel oil to natural gas, Art Hammond upended all of the fuel oil tanks along the west side behind 400 Eighth St. E. to drain the fuel oil from the tanks --- approximately 10 tanks draining fuel oil into the ground! For several days, the smell of fuel was so strong, especially early mornings, I had to keep my house closed up and could not go outside or onto my patio at all without getting an immediate headache and nauseous. This was reported to Environment - re spills at 1-800-268-6060. Someone showed up and talked to Art. Just what tale of 'factual fabrication' Art made up for this person is unknown; however, no proper clean up was conducted to the best of my knowledge.

Does anything of the raw sewage and fuel oil seep into mine and neighbouring sump hole basins --- and where would it go from there? Mine pumps directly into the ditch along Eighth St. I am, on occasion, seeing a bluish rainbow swirl in my sump

basin indicative of gas or fuel contamination.

This spring as the ground thawed and my sump pump started working, I noticed a 'fuel odour' in my basement and in the utility room which is located at the top of the stairs to the basement. I had to open the house and use several fans to get the fuel odour out of the house. However, I cannot leave my house open at night and am waking with a headache and nausea when the odour is present. Fortunately, we have had a dry summer and low water table and my sump pump has not had to be pumping. What happens when the water table raises and my sump pump starts working as usual? With the onset of colder weather, I cannot have my house open! What happens if the fuel fumes build up in the basement of a closed home and the furnace kicks in? Am I sitting on a bomb?

Also, a police officer visited me within the past year, and told me of a new drug that is in town and its effect on users. Upon leaving, this officer

told me, "keep your doors and windows locked 24/7 and get a dog!"

I am a senior living alone. Do I chance an intruder or gas poisoning?

Why wasn't Art Hammond forced to remove the fuel contaminated soil before it leached underground and/or into the nearby ditch?

If I wish to sell my property in the future, will I be facing a costly environmental cleanup? Why are Art and Tivla allowed to continue this type of pollution of their property and now neighbouring properties, with NO consequences?

Thank you

Sincerely

Niona Holden

cc's

September 18, 2019

Report To: Mayor and Council

From: Travis Rob, Manager of Operations and Facilities

RE: Letter Dated August 7, 2019 – Asset Management Replacement of Mature Trees

At the August 12, 2019 meeting of Council, a letter from Mr. Jim Cumming dated August 7, 2019 was referred to the Operations and Facilities Executive Committee. In Mr. Cumming's letter he is requesting information on the specifics of the replacement of the trees removed from the 300 Block of Second Street to facilitate the reconstruction of that road segment.

The Town of Fort Frances on February 11, 2019 adopted a Municipal Tree Canopy where it states that trees will not be planted in the boulevard area of roadways in the Town of Fort Frances due to the large width of our roadways and narrow nature of our road right of ways. This was done primarily to protect municipal infrastructure from damage from trees over the life of the infrastructure as well as the life of the tree. In addition, the Town has adopted a no net loss policy regarding trees, whereby when the Town takes down a tree due to disease, damage, or for infrastructure rehabilitation it will replace that tree in one of the many green spaces through town.

In relation to the 12 trees removed from Second Street, in accordance with the Town's tree policy, the Town will be planting replacement trees of approximately 4" caliper (trunk diameter) spread over Lillie Avenue Park, Phair Avenue Park and McIrvine Park. These replacements will take place likely in spring of 2020 to give the trees the best chance at establishment.

Respectfully Submitted



Travis Rob, P.Eng

Council approval of this report is not required and is provided for information purposes.
--

Manager of Operations and Facilities

2019Sept Cumming Tree Letter

Jim and Marnie Cumming
701 Victoria Ave
Fort Frances, On P9A 2C9

August 7, 2019

Re: Asset Management Replacement of Mature Trees

Dear Mayor and Council – Town of Fort Frances

As part of the infrastructure replacement of the 300 block of Second Street in Fort Frances, 12 mature trees including Ash, Basswood, Silver Maple and Red Maple were removed from the curb area of the street. Those trees were planted in response to the loss of the American Elm trees in Fort Frances that graced the street.

Fort Frances has implemented an asset management plan that includes replacing tree losses due to removal, death and disease. We are requesting an accounting for where those 12 mature diverse species will be replaced in Fort Frances and will they be simply saplings, or will those replacement trees be more likely to be 10-15-year-old specimens?

Will more than one tree be planted to replace those lost 12 trees? The Ministry of the Environment and the Ministry of Energy encourages communities to adopt urban forest plans in communities across the province. Does the Town of Fort Frances have such a program?

I look forward to hearing from you.

A handwritten signature in cursive script, appearing to read "Jim and Marnie Cumming".

Jim and Marnie Cumming

September 18, 2019

Report To: Mayor and Council

From: Travis Rob, Manager of Operations and Facilities

RE: Infratech Request for GIS Data

The Town of Fort Frances has retained Infratech Services to undertake Zoom Camera inspection of a portion of our Storm Sewer network. Their system for reporting condition data utilizes our existing GIS data where they will overlay their data and report it back in GIS Shape file format as well as pdf making the upload to our GIS and Asset Management software platforms simple.

Infratech has requested our GIS data, see attached request as well as a report from Trish Law GIS Expert outlining the request and related data share agreement. This is protocol for any firm looking for our GIS data including those retained by the Town of Fort Frances.

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

1. The Town enter into a GIS Data Share agreement with Infratech Solutions for GIS data relating to the inspection of Storm Sewer infrastructure for the Town of Fort Frances
2. The data be provided at no cost to Infratech as they are engaged by the Town of Fort Frances
3. That a by-law be prepared authorizing 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. The Town enter into a GIS Data Share agreement with Infratech Solutions for GIS data relating to the inspection of Storm Sewer infrastructure for the Town of Fort Frances**
- 2. The data be provided at no cost to Infratech as they are engaged by the Town of Fort Frances**
- 3. That a by-law be prepared authorizing Mayor and Clerk to execute the agreement on behalf of the corporation.**

Manager of Operations and Facilities

September 3, 2019.

Report To: Travis Rob, O&F Manager

From: Trish Law, GIS Expert

SUBJECT: Data Request Infratech Services

On August 28th, 2019 I was forwarded a requested via Adam Mitchell for Infratech Services to obtain current storm sewer shapefiles from the Town for use with the upcoming zoom camera work. Adam's contact, Donald Gunn requested a shapefile copy of the Town's storm sewer infrastructure. A copy of the Town's Geospatial Data Share Agreement was forwarded to Donald and has since been returned along with a letter asking for the shapefiles to be granted at zero cost.

The data currently being requested from the Town for use by Infratech is road centerlines, parcel fabric, storm sewer mains, storm sewer manholes and storm sewer catch basins. The cost of layers requested is 5 @ 299.10 plus HST for vector data as per the current User Fee schedule.

For references purposes, this is a listing of current Geospatial License Agreements with the Town:

- Ministry of Natural Resources (2009, 2010) - \$0 data exchange
- Union Gas (2009) - \$0 data exchange
- Rainy River District OPP (2009) - \$0 through Community Services
- Centra Transmission Holdings Inc./EFG (2010) - paid \$1071.00 (including HST)
- Hilderman Thomas Frank Cram (2010) - \$0 working for TOFF
- Hynde Paul Planners/Quartek (2010) - \$0 working for TOFF
- KGS Group, Winnipeg (2010) - \$0 working for TOFF
- Neegan Burnside (2011) - paid \$3809.68 (including HST)
- rePlan (2014) - \$0 fees waived for newGold development
- Vastamaki Consulting Service (2014) - \$0 working for FFPC
- Saulteaux Consulting and Engineering (2014) - \$0 working for FFPC
- Rainy River District Stewardship (2015) - \$0 tree inventory
- Rainy River District School Board (2015) - \$0 partner for tree inventory
- GISbiz (2016) - \$0 working for FFPC
- TBAYTEL/Telecon - paid \$639.40 (including HST)
- Fire Underwriters (2017) - \$0 request approved by Council
- OPP (2018) - \$0 request approved by Council

After consideration of this request, I recommend the Town entering into a Geospatial Data License Agreement with Infratech for the requested data. I also recommend that the data be distributed at \$0 as Infratech is currently contracted for zoom camera work for the Town.

Respectively Submitted,

A handwritten signature in blue ink that reads "Trisha Law". The signature is written in a cursive, flowing style.

Trisha Law, MGIS
GIS Expert



Infratech Services
790 Lapointe Street,
Sudbury, ON
P3A 5N8

Date: September 3, 2019

Revised GIS Data Request

To whom it may concern,

This letter is our request to the Town of Fort Frances for the GIS shapefiles of the Storm Sewer network, road and street name and parcel layers to facilitate our pending CCTV camera inspection program being this Fall. It is our understanding that these files will be made available at no cost as part of our agreement with the Town of Fort Frances. Our signed Town of Fort Frances Geospatial Data License Agreement is included with this submission.

If you have any questions, please call (705) 524-6372 or contact us by e-mail at don@infratechservices.ca

Sincerely,

Donald Gunn, C.E.T.
Infratech Sewer & Water Services Inc.

D:\Infratech Project Files\2019 Projects\2019-073 Fort Frances Zoom Tender\Infratech GIS Data Request Letter.doc

Town of Fort Frances Geospatial Data License Agreement

THIS AGREEMENT made to be effective this _____ day of _____ 20____
(Day) (Month) (Year)

BETWEEN:

THE CORPORATION OF THE TOWN OF FORT FRANCES
("The Town of Fort Frances")

- and -

INFRA TECH SEWER & WATER SERVICES INC.
("Licensee")

WHEREAS The Town of Fort Frances has produced digital imagery and infrastructure data within the limits of The Town of Fort Frances (hereinafter referred to as Licensed data). The Town of Fort Frances is the owner of the intellectual property rights of the Licensed data addressed by the terms and conditions set forth in this Agreement.

AND WHEREAS the Licensee has requested a license from The Town of Fort Frances permitting the Licensee to utilize The Town of Fort Frances' digital mapping products and information (Licensed data), on the terms and conditions set forth in this agreement.

AND WHEREAS The Town of Fort Frances agrees to provide the Licensee with a non-exclusive, non-assignable & non-transferable perpetual license to utilize the digital mapping products and information (Licensed data) based upon the terms and conditions set forth in this Agreement;

THEREFORE, in consideration of the mutual benefits to be realized under this agreement, the parties hereto agree as follows:

1. Permitted use: The Licensee shall not lease, sell, sublet, distribute, transfer or assign the Licensed data or any derivatives, enhanced products or hard copy products created from the Licensed data to any other person or organization without the expressed written consent of The Town of Fort Frances. This includes the right of use or partial use of the Licensed data. Failure to adhere to this will result in the termination of the License Agreement.

2. Copies: The Licensee may only make one copy of the Licensed data for back-up purposes only and not for use by any other person or organization. This back up shall only be used if a problem occurs with the original data. The Licensed data may be used in more than one computer at one time, provided all computers are solely owned and operated by the Licensee.

3. Licensed data: All Licensed data is in ESRI shapefile format, with the exception of the digital aerial photography. The coordinate system is UTM Zone 15N, NAD83. The Town of Fort Frances may consider, but shall not be obliged to provide the Licensed Data in other GIS or digital file formats as may be requested by the Licensee for its mapping system requirements.

4. Maintenance: The data licensed from The Town of Fort Frances is licensed for the Licensee's use only, not for resale or exchange with other parties. Licensed data is distributed "AS IS" on a one-time basis and The Town of Fort Frances is under no obligation to inform the Licensee of any changes, updates or alterations to the data. The Licensee will not receive any updated data, unless a new license request is made. Available data is in "raw" format and is not a finished map product.

5. Reserved Rights: The Town of Fort Frances shall retain all rights, title and interest to the Licensed data in all formats, languages and media. This includes copyrights, intellectual property, all other proprietary rights and the right to license the digital data covered by this Agreement to other users. The Licensed data shall continue to be the exclusive property of the Town of Fort Frances.

6. Copyright: Any paper or hard copy products derived from the Licensed data shall clearly indicate the source of the Licensed data and its copyright. If the data is modified in any way, this must be described with the source information. The Licensee agrees to not misrepresent The Town of Fort Frances Licensed data, nor imply that The Town of Fort Frances has approved any changes made by the Licensee, unless the Town of Fort Frances has granted expressed written permission.

7. Warranty: The Town of Fort Frances makes no warranty, expressed or implied, to the use of the Licensed data. Use of the Licensed data is done at the user's own risk and The Town of Fort Frances shall not be liable for any problems; including financial or business loss, the fitness of the Licensed data with other datasets, installation of the Licensed data and or any foreseeable or unforeseeable damages which may result from the use of the Licensed data.

8. Data Delivery: Orders for Licensed data sets do not have priority over other projects and work demands of The Town of Fort Frances Engineering Department. Significant delays may occur in such instances as staff shortages or schedule constraints. All efforts will be made to prepare and distribute Licensed data in a timely fashion. The Town of Fort Frances assumes no liability for shipping costs incurred, nor any damage to the Licensed data that may occur during shipping. The standard method of data delivery will be CD (Compact Disc).

9. Fees: The Town of Fort Frances licenses use of the Licensed data set in consideration of payment by the Licensee of the appropriate fee set out in the

current Schedule of Fees for the Town of Fort Frances and as illustrated in the attached price schedule. Fees paid are non-refundable. Data exchanges between the Licensee and The Town of Fort Frances will be considered.

10. Termination: The Town of Fort Frances may terminate this Agreement at any time, for any reason. Any violation of the license renders it null and void. This agreement will terminate automatically, without notice, if the Licensee fails to comply with any of the terms of this agreement. The Licensee may elect to terminate this Agreement at any time. Licensee user rights expire on the revocation of this license. Any and all copies of the Licensed data must be returned to The Town of Fort Frances within 30 days from the date this license expires or immediately if the license is revoked.

11. Third-Party Requests: If the Licensee receives a third party request for the Licensed data, the Licensee shall provide The Town of Fort Frances' contact information to the third party.

12. The terms of this agreement shall be in force from the date of execution or delivery of the Licensed Data, whichever is the later, and shall continue unless terminated under the provisions of this Agreement.

13. This Agreement constitutes the entire agreement and understanding of both parties as to the scope of this license and supersedes any and all prior agreements, warranties, understandings, discussions, negotiations and commitments, either written or oral, expressed and or implied between them.

14. Amendments to this agreement, be it the terms or provisions, must be elected in writing and signed by both parties.

15. This Agreement shall be subject to and interpreted in accordance with the Laws of the Province of Ontario.

16. This agreement is binding to both parties but does not constitute a relationship of partnership, or joint venture between the two parties.

Town of Fort Frances

By (Signature): _____

I have the authorization to bind the Corporation

Position/Title: _____

Name (Print): _____

Date: _____

By (Signature): _____

I have the authorization to bind the Corporation

Position/Title: _____

Name (Print): _____

Date: _____

***Please be advised that all agreements must be discussed with the Engineering Department (GIS) prior to signing.*

LICENSEE

By (Signature): 

I have the authorization to bind the Corporation

Position/Title: PRESIDENT.

Name (Print): DONALD GUNN

Date: AUGUST 28, 2019.

By (Signature): _____

I have the authorization to bind the Corporation

Position/Title: _____

Name (Print): _____

Date: _____

DATA LICENSE INFORMATION:

Data Available:

Infrastructure (separate layers): Sanitary Sewer manholes and mains; Storm Sewer manholes, catch basins, and mains; Water Distribution System mains, hydrants, and mainline valves; Road centre lines

Base Data: base map (with or without addresses), aerial photography (colour, April 2007 .ecw format only)

Data Requested:

REVISED
REQUEST.

ROAD / STREET SHAPE FILES + PARCEL MAPPING.
STORM SEWER SHAPEFILES - PIPES / MANHOLES / ATTRIBUTE
DATA FOR USE ESRI ARCVIEW VERS 10.7

Data Delivery Type:

☐ CD (mail) ☒ Digital transfer (email) ☐ hard copy (paper)

Disclaimer: Please be advised that the GIS data within The Town of Fort Frances' database is in a constant state of update. Every effort has been made to ensure that the Licensed data is the most current, updated version.

2019 Fee Schedule:

Hard Copy Maps: 8 ½" X 11" - \$6.00; 11" X 17" - \$11.95; 24" X 36" \$29.90

2007 Digital Aerial Photography: \$1196.20 (.ecw format only)

Shapefiles: \$299.10 per infrastructure shapefile layer
\$299.10 – base map (property lines and address numbers only)

*prices do not include applicable H.S.T.

September 18, 2019

Report To: Mayor and Council

From: Travis Rob, Manager of Operations and Facilities

RE: Amending Agreement with Stewardship Ontario for Municipal Hazardous or Special Waste

With the changes that have been implemented with tire recycling and the pending changes to Ontario's blue box program, the Municipal Hazardous and Special Waste (MHSW) program is also in transition. The Town of Fort Frances has agreements for funding for the collection of certain MHSW with Stewardship Ontario, Product Care Association and Automotive Materials Stewardship, each organization funds specific materials.

With the changes to the MHSW program, whereby producers of these materials will be wholly responsible for the collection, processing and recycling of their materials, Stewardship Ontario may no longer be a funding agency that we will work with for payment. In light of that the agreement that we have with Stewardship Ontario for funding needs to be amended to reflect the coming changes to their programs. Entering into this agreement will have no impact on the funding that the Town will receive too offset the 2019 Municipal Hazardous and Special Waste event which took place on September 14, 2019.

Attached you will find the amending agreement as well as a covering letter from Mr. Cullen Hollister of Stewardship Ontario.

It is the recommendation of the Operations and Facilities Executive Committee to enter into an amending agreement with Stewardship Ontario and further an authorizing by-law be prepared.

Respectfully Submitted



Travis Rob, P.Eng

Council approval of this report will agree with the recommendation of the Operations and Facilities Executive Committee to enter into an amending agreement with Stewardship Ontario and further an authorizing by-law be prepared.

Manager of Operations and Facilities



Thinking
beyond
the box

Stewardship Ontario

August 28, 2019

To: Head of Municipal Hazardous Waste Management

Subject: 2019 Municipal Amendment Agreement

Attached you will find a copy of the Amended Municipal Agreement for 2019. Your immediate attention to this matter is requested.

As you are aware, Stewardship Ontario has been directed by the Minister of the Environment, Conservation and Parks (MECP) to wind-up the current MHSW program. Upon wind-up, hazardous materials collected under the MHSW Program will be managed according to an individual producer responsibility (IPR) framework under the Resource Recovery and Circular Economy Act, 2016.

Under the MHSW Program, Stewardship Ontario manages the supply chain operations for single-use dry cell batteries and pressurized containers. Wind-up for single-use dry cell batteries is scheduled to take place June 30, 2020 with the remaining MHSW materials occurring on June 30, 2021.

In anticipation of the Wind-up Plan being approved on December 31, 2019, changes to the current Municipal Agreement are necessary to enable Stewardship Ontario to make payments to communities for materials that will continue under the MHSW Program after June 30, 2020, namely pressurized containers. In the absence of this amendment, Stewardship Ontario will have no mechanism to continue payments after the wind-up date for single-use batteries on June 30, 2020 and would be forced to terminate all Agreements effective that date.

Communities that wish to continue receiving payments for collecting pressurized containers after June 30, 2020 are asked sign back the Amending Agreement no later than December 31, 2019. For information regarding, you can go to <https://stewardshipontario.ca/mhsw-windup/>

Regards,

Cullen Hollister

Director of Operations – Blue Box and MHSW

mhsw@stewardshipontario.ca

**AMENDING AGREEMENT
NEW MUNICIPAL HAZARDOUS OR SPECIAL WASTES SERVICES AGREEMENT**

This Amending Agreement (the “**Amending Agreement**”) is made as of August 16, 2019.

BETWEEN:

STEWARDSHIP ONTARIO (“SO”)

and

THE CORPORATION OF THE TOWN OF FORT FRANCES (the “Municipality”)

(collectively, the “**Parties**”)

WHEREAS:

- A. Stewardship Ontario and the Municipality entered into an agreement concerning municipal hazardous or special wastes (“**MHSW**”) dated July 01, 2011 (as amended, modified or restated from time to time, by the Parties, the “**MHSW Services Agreement**”);
- B. By direction letters dated April 12, 2018, December 11, 2018 and July 2, 2019, the Minister of the Environment, Conservation and Parks for the Province of Ontario directed SO to wind up the waste diversion program for MHSW (the “**MHSW Program**”) for all designated materials. Upon wind up, materials collected under the MHSW Program will be managed according to an individual producer responsibility framework under the *Resource Recovery and Circular Economy Act, 2016*;
- C. In order to reflect the scheduled wind-down of the MHSW Program and in accordance with Section 2.3 of the MHSW Services Agreement, the Parties wish to make certain amendments to the MHSW Services Agreement as set out herein.

NOW THEREFORE, FOR VALUE RECEIVED, the Parties agree as follows:

- 1. The MHSW Services Agreement is hereby amended in accordance with the provisions set out in Schedule “A” hereto effective as of September 1, 2019.
- 2. All capitalized terms which are used herein without being specifically defined herein shall have the meanings ascribed to them in the MHSW Services Agreement.
- 3. Any section marked as “Intentionally Deleted” in the MHSW Services Agreement remains “Intentionally Deleted” and is not replaced by or amended by anything in Schedule “A”.

4. Except as amended by the amendments expressly set forth in Schedule "A" of this Amending Agreement, the MHSW Services Agreement shall remain unchanged and continue in full force and effect and is hereby in all other respects ratified and confirmed.
5. If any provision of this Amending Agreement is or becomes illegal, invalid or unenforceable in any jurisdiction, the illegality, invalidity or unenforceability of that provision will not affect (a) the legality, validity or enforceability of the remaining provisions of this Amending Agreement or (b) the legality, validity or enforceability of that provision in any other jurisdiction.
6. This Amending Agreement shall be governed by and construed in accordance with the laws of the Province of Ontario and the federal laws of Canada applicable therein and each of the Parties hereto agrees irrevocably to conform to the non-exclusive jurisdiction of the Courts of such Province.
7. This Amending Agreement shall enure to the benefit of and shall be binding upon the Parties hereto and their respective successors and permitted assigns. Nothing in this Amending Agreement, express or implied, shall give to any Person, other than the parties hereto and their successors hereunder, any benefit or any legal or equitable right, remedy or claim under this Amending Agreement.
8. If any provision of this Amending Agreement is inconsistent or conflicts with any provision of the MHSW Services Agreement, the relevant provision of this Amending Agreement shall prevail and be paramount.
9. Schedule "A" is attached hereto and incorporated in and forms part of this Amending Agreement.
10. This Amending Agreement may be executed in one or more counterparts, including by means of facsimile and/or portable document format, each of which shall be deemed to be a duplicate original, but all of which, taken together, constitute a single document.

[THIS SECTION LEFT INTENTIONALLY BLANK]

IN WITNESS WHEREOF the Parties have signed this Amending Agreement as of the date first set out above.

STEWARDSHIP ONTARIO

By: _____
Name: Cullen Hollister
Title: Director of Operations

**THE CORPORATION OF THE TOWN OF
FORT FRANCES**

By: _____
Name:
Title:

**SCHEDULE “A” TO THE AMENDING AGREEMENT
NEW MUNICIPAL HAZARDOUS OR SPECIAL WASTES SERVICES AGREEMENT**

The Parties agree to amend the MHSW Services Agreement as follows:

1. Section 1.1 of the MHSW Services Agreement is hereby amended by deleting the words “*Waste Diversion Act 2002 (Ontario)*” and replacing them with the words “*Waste Diversion Transition Act, 2016 (Ontario)*”.
2. Section 2.4 of the MHSW Services Agreement is deleted in its entirety and replaced with the following new Sections 2.4 and 2.5:

“2.4 The Parties also understand that an ISO may, at any time, be approved by the Board of the Authority for one or more of the Obligated MHSW materials. In the event an ISO is approved by the Authority, SO will have no responsibility to pay for MHSW Services provided by the Municipality with respect to the materials for which the ISO is then responsible on and after the effective date of such approval by the Authority, unless SO provides written notice to the Municipality indicating that there will not be any changes to the then current MHSW Services within 30 days of the ISO approval date.

2.5 The Parties also understand that the Minister of the Environment, Conservation and Parks has directed SO to wind-up the MHSW Program Plan under the *Resource Recovery and Circular Economy Act, 2016*, following which individual producers will become responsible for materials collected under the MHSW Program Plan. The Parties agree that effective on the date of wind-up of the MHSW Program Plan in respect of a specific MHSW material (a “**Materials Wind-Up**”), SO will have no further responsibility to pay for MHSW Services provided by the Municipality with respect to such MHSW materials. As a courtesy, SO will provide a written reminder to the Municipality at least 30 days prior to the effective date of such Materials Wind-Up.”

3. Subsection 5.1(b) of the MHSW Services Agreement is deleted in its entirety and replaced with the following new subsections 5.1(b) and 5.1(c):

“(b) Notwithstanding the foregoing, in the event an ISO is approved by the Authority, title to the Obligated MHSW with respect to the materials for which the ISO is then responsible will not belong to SO or SO’s Service Providers unless SO provides written notice to

the Municipality indicating that there will not be any changes to the then current MHSW Services within 30 days of the ISO approval date.

(c) Notwithstanding the foregoing, in the event of a Materials Wind-Up, title to the Obligated MHSW will not belong to SO or SO's Service Providers as of the effective date of the Materials Wind-Up."

4. Section 18.1 of the MHSW Services Agreement is hereby amended to delete the words "Waste Diversion Ontario" and to replace them with the words "the Authority".

September 18, 2019

Report To: Mayor and Council

From: Travis Rob, Manager of Operations and Facilities

RE: Airport Facility Lease Renewal – CBRE Maintenance Garage Bay November 1, 2019 to March 31, 2020

For a number of years, CBRE on behalf of the Ministry of Natural Resources and Forestry Conservation Officers has entered into a lease agreement with the Town of Fort Frances for the rental of one bay of the Fort Frances Airport Maintenance Garage for the storage of their equipment as required, but to a maximum of 3 days per week. Attached is a letter from CBRE exercising their right to extend the term of the lease. The lease extension is for one term of 5 months from November 1, 2019 to March 31, 2020, the rate will be \$6889.60 per year or \$107.65 per day and 3 days per week.

It is recommended by the Operations & Facilities Executive Committee that Council renew the lease rate with MNRF at \$107.65 per day for the next five (5) months and that the Mayor and Clerk be authorized to execute the lease agreement on behalf of the Corporation.

Respectfully Submitted



Travis Rob, P.Eng.

Council approval of this report will ensure that Council renew the lease with CBRE at \$107.65 per day for the five (5) month term commencing November 1, 2019 to March 31, 2020, and that the Mayor and Clerk be authorized to execute the lease agreement on behalf of the Corporation.

Manager of Operations and Facilities

2019Feb Airport CBRE Lease term extension



2019-09-13

To: Travis Rob, O&F Division Manager

From: Tom Batiuk

Re: Lease for Garage Bay for MNR

Please find attached the rental lease agreement for the MNR to use the garage bay located at the airport. This lease will result in a revenue stream to the airport in the amount of \$6889.60 based on the 3 days per week. This lease will be paid in equal monthly installments to the airport in the amount of \$1377.92 for the term of November 1st, 2019 to March 31st, 2020. This will not affect the airport operation in any capacity. It is my recommendation that we execute this agreement and commence business with the MNR to utilize this space as laid out in the attached agreement.

Kind Regards,

Tom Batiuk
Airport Supervisor

FIFTH LICENSE EXTENSION AND AMENDING AGREEMENT

THIS AGREEMENT made in duplicate as of November 1, 2019.

BETWEEN:

THE CORPORATION OF THE TOWN OF FORT FRANCES

(the “**Licensor**”)

- and -

**HER MAJESTY THE QUEEN IN RIGHT OF ONTARIO AS REPRESENTED BY THE
MINISTER OF GOVERNMENT AND CONSUMER SERVICES**

(the “**Licensee**”)

WHEREAS:

- A. By a license agreement dated February 15, 2015, (the “Original License”), the Licensor did license unto Her Majesty the Queen in right of Ontario as represented by the Minister of Economic Development, Employment and Infrastructure (“MEDEI”) for a term of three (3) months commencing on February 15, 2015 and ending on May 14, 2015 (the “Original Term”), the premises more particularly described as eight hundred (800) square feet as set out in Schedule “C” attached thereto (the “Licensed Premises”), in the building municipally known as 1300 Frog Creek Road (the “Building”), in the unorganized township of Miscampbell, also in the Town of Fort Frances, in the Province of Ontario (the “Lands”), as more particularly described in Schedule “A” attached thereto, in addition to other terms and conditions as set out therein.
- B. By a license extension and amending agreement dated November 1, 2015 (the “First License Extension and Amending Agreement”), the Licensor and the MEDEI agreed to extend the Original Term in accordance with the terms of the Original License, with an extension term commencing on January 1, 2016 and expiring on March 31, 2016 (the “First Extension Term”), in addition to other terms and conditions as set out therein.
- C. Pursuant to the terms of the First License Extension and Amending Agreement, the MEDEI was entitled to extend the First Extension Term for three (3) additional terms of five (5) months each.
- D. The MEDEI exercised its right to extend the First Extension Term by a second license extension and amending agreement dated November 1, 2016 (the “Second License Extension and Amending Agreement”) with an extension term commencing on November 1, 2016 and expiring on March 31, 2017 (the “Second Extension Term”), in addition to other terms and conditions as set out therein.
- E. Pursuant to the terms of the Second License Extension and Amending Agreement, the MEDEI was entitled to extend the Second Extension Term for one (1) additional term of five (5) months.
- F. By Order in Council No. 1342/2016, approved and ordered September 14, 2016, all of the powers and duties previously assigned and transferred to the MEDEI under Order in Council No. 219/2015 in respect of infrastructure and other matters are assigned and transferred to the MOI.
- G. The MOI exercised its right to extend the Second Extension Term by a third license extension and amending agreement dated November 1, 2017 (the “Third License Extension and Amending Agreement”) with an extension term commencing on November 1, 2017 and expiring on March 31, 2018 (the “Third Extension Term”), in addition to other terms and conditions as set out therein.

- H. Pursuant to the terms of the Third License Extension and Amending Agreement, the MEDEI was entitled to extend the Third Extension Term for two (2) additional terms of five (5) months each.
- I. The MOI exercised its right to extend the Third Extension Term by a fourth license extension and amending agreement dated November 1, 2018 (the “Fourth License Extension and Amending Agreement”) with an extension term commencing on November 1, 2018 and expiring on March 31, 2019 (the “Fourth Extension Term”), in addition to other terms and conditions as set out therein.
- J. Pursuant to the terms of the Fourth License Extension and Amending Agreement, the MOI was entitled to extend the Fourth Extension Term for three (3) additional terms of five (5) months each, and the parties agreed that the three (3) additional options to extend the Fourth Extension Term would supersede any remaining options to extend contained in the First License Extension and Amending Agreement, the Second License Extension and Amending Agreement and the Third License Extension and Amending Agreement.
- K. By Order in Council No. 1152/2018, approved and ordered October 22, 2018, certain responsibilities in respect of government property under the *Ministry of Infrastructure Act*, 2011, S.O. 2011, c. 9, Sched. 27 and other responsibilities were assigned and transferred from the MOI to the Minister of Government and Consumer Services.
- L. By a letter dated January 30, 2019, the Licensee exercised its right to extend the Fourth Extension Term in accordance with the terms of the Fourth License Extension and Amending Agreement, with an extension term commencing on November 1, 2019 and expiring on March 31, 2020 (the “Fifth Extension Term”).
- M. The Original License, the First License Extension and Amending Agreement, the Second License Extension and Amending Agreement, the Third License Extension and Amending Agreement, the Fourth License Extension and Amending Agreement and this fifth license extension and amending agreement (the “Fifth License Extension and Amending Agreement”) are hereinafter collectively referred to as the “License”, except as specifically set out herein.
- N. The parties have agreed to extend and amend the License on the following terms and conditions:

NOW THEREFORE THIS AGREEMENT WITNESSES THAT in consideration of the sum of Two Dollars (\$2.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto agree as follows:

1. The parties hereto confirm that the foregoing recitals are true in substance and in fact.
2. The License is hereby extended for a further term of five (5) months commencing on November 1, 2019 and ending on March 31, 2020 (the “Fifth Extension Term”), at an annual license fee of Six Thousand, Eight Hundred and Eighty-Nine Dollars and Sixty Cents (\$6,889.60) (the “License Fee”), payable in advance in equal monthly instalments of One Thousand, Three Hundred and Seventy-Seven Dollars and Ninety-Two Cents (\$1,377.92) on the first day of each month during the Fifth Extension Term.

The annual License Fee is based on three (3) days of use per week at a rate of One Hundred and Seven Dollars and Sixty-Five Cents (\$107.65) per day. Any additional days of use will be paid for by the Licensee at the above-mentioned daily rate upon receipt of an invoice from the Licenser for such additional use, such invoice to be issued once a year at the end of the calendar year in which such charges were incurred.

Any additional days are to be invoiced to the following:

Ministry of Natural Resources and Forestry
300 Water Street, 3rd Floor N
Peterborough, Ontario K9J 8M5
Attention: Facilities Manager

3. The Licensee shall continue to have the right to terminate this License at any time, by giving the Licensors not less than fourteen (14) days' prior written notice of termination without penalty, compensation, damages or bonus.

In the event the Licensee exercises such right of termination, the Licensors shall promptly refund the Licensee any prepaid License Fee with respect to the period following the effective date of the early termination, calculated on a pro rata basis based on the remaining number of days in the current license period.

4. The extension contemplated pursuant to this Agreement is subject to all the covenants and agreements contained in the License, as amended, renewed and extended from time to time, save and except:

- (a) The Licensee shall be entitled to extend the License for one (1) further term of five (5) months (the "Sixth Extension Term"). The Sixth Extension Term shall be upon the same terms and conditions of the License except that there shall be no further right of extension and except for the License Fee, which shall for the Sixth Extension Term be based upon the market license rate as determined by the parties as of the date which is not less than sixty (60) days prior to the commencement of the Sixth Extension Term, or failing such agreement, by arbitration in accordance with the Arbitration Act, 1991, S.O. 1991, c.17, as amended, or any successor act. The Licensee shall give written notice to the Licensors of its extension of this License not less than sixty (60) days prior to the end of the Fifth Extension Term.

The Licensors and Licensee acknowledge and agree that the extension right granted in subsection 4(a) of this Fifth License Extension and Amending Agreement shall be granted in addition to the two (2) remaining extension rights contained in the Fourth License Extension and Amending Agreement and the two (2) remaining extension rights shall continue to survive and remain in full force and effect, for a total of three (3) extension rights.

- (b) A new section, 7.26, Counterparts, shall be added as follows:

**"Section 7.26
Counterparts**

This License may be executed in counterparts and, when all counterpart documents are executed, the counterparts shall constitute a single binding instrument."

5. GENERAL

- (a) The Licensors and the Licensee hereby mutually covenant and agree that during the Fifth Extension Term they shall each perform and observe all of the covenants, provisos and obligations on their respective parts to be performed pursuant to the terms of the License.
- (b) Except as otherwise specifically provided in this Fifth License Extension and Amending Agreement, all words and expressions used in the Original License, as amended and extended, shall apply to and be read as applicable to the provisions of this Fifth License Extension and Amending Agreement.
- (c) The provisions of this Fifth License Extension and Amending Agreement shall be interpreted and governed by the laws of the Province of Ontario.
- (d) The Licensors acknowledge and agrees that the commercial and financial information in this Fifth License Extension and Amending Agreement is subject to the Freedom of Information and Protection of Privacy Act, R.S.O. 1990, c. F.31, as amended and the Open Data Directive as amended. This acknowledgement shall not be construed as a waiver of any right to object to the release of this Fifth License Extension and Amending Agreement or of any information or documents.

- (e) This Fifth License Extension and Amending Agreement shall be binding upon and enure to the benefit of the administrators, successors and/or assigns of the respective parties hereto.

THE REMAINDER OF THIS PAGE IS INTENTIONALLY LEFT BLANK.

6. This Fifth License Extension and Amending Agreement shall not be binding upon the Licensee until it has been executed by or on behalf of the Licensee.

EXECUTED by each of the parties hereto under seal on the dates written below.

SIGNED, SEALED AND DELIVERED

Dated this ____ day of _____, 20 ____.

**THE CORPORATION OF THE TOWN
OF FORT FRANCES**

Per: _____

Name:

Title:

Authorized Signing Officer

Dated this ____ day of _____, 20 ____.

**HER MAJESTY THE QUEEN IN
RIGHT OF ONTARIO AS
REPRESENTED BY THE MINISTER
OF GOVERNMENT AND CONSUMER
SERVICES, AS REPRESENTED BY
ONTARIO INFRASTRUCTURE AND
LANDS CORPORATION**

Per: _____

Name:

Title:

Authorized Signing Officer

August 16, 2019

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

Attention: Mr. Craig Miller
Environmental and Facilities Superintendent

Dear Craig:

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

As per the operating agreement, the attached document is the July 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,



Kelly Cunningham
Team Lead

For Jeff St. Pierre
Regional Hub Manager

**The Corporation of the Town of Fort Frances
Wastewater Treatment Plant
(Sewage Plant)
July 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 July 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 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.

JULY 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 ₅	2.1 mg/L	25 mg/L	15 mg/L	13.8 kg/d	225 kg/d	135 kg/d
Total Suspended Solids	4.3 mg/L	25 mg/L	15 mg/L	29.9 kg/d	225 kg/d	135 kg/d
Total Phosphorus	0.15 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	7.73 mg/L 5.44 mg/L					
Total Cl ₂ Residual		<0.01 mg/L (when in use)				
E-Coli		10 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 7.0; average pH was 6.8		
Temperature degrees C				Temperatures ranged from 13.0 to 15.5 C; average temperature of effluent was 14.3 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 July was 6850.0 m³/day. This represents 76% of the design average flow. Total treated flow for the month was 212351 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 objective levels as outlined in the Environmental Compliance Approval.

**The volume of sewage accepted from the New Gold mine site into the collection system in July will be reported with next months data. 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
- Chlorinated sampler lines
- Wiped DO probes
- Flushed digester decant line
- Greased clarifier drives
- Replaced shear pin longitudinal collector clarifier 2
- Replaced filter blower 3
- Repaired ruptured polymer line
- Installed spare Netzsch polymer pump so that unit with leaking shaft seal could be shipped back to supplier

Pump Stations:

- Ran gensets
- Changed seal water strainers
- Pulled and cleaned pump 1 at Central Avenue lift station
- Reset PLC and Milltronics controller at Church St. lift station

PROCESS AND OPTIMIZATION ISSUES

The new progressive cavity polymer pump shaft seal developed a leak so it was shipped back to the manufacturer for assessment/repair. The spare pump was installed in its' place.

SLUDGE SUMMARY

Dennis Robinson Limited hauled a calculated total of 97.7 m³ (9 bins) of thickened digested sludge to the Town of Fort Frances landfill site. The hauled sludge averaged 18.5 % TS for the month but slump test results from the landfill have not been provided.

The Fournier press ran for 85 hours in July.

COMPLAINTS

There were no complaints during the report period.

BYPASS/OVERFLOW REPORT(S)

There was a bypass event on July 17. The report is available.

COMMENTS

Plant power consumption for the month was 615 (x 180 multiplier) kWh.
The Fournier press has been operated for 852.2 hours in 2019.
Verifications of the bypass alarms and measuring device were completed.

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)

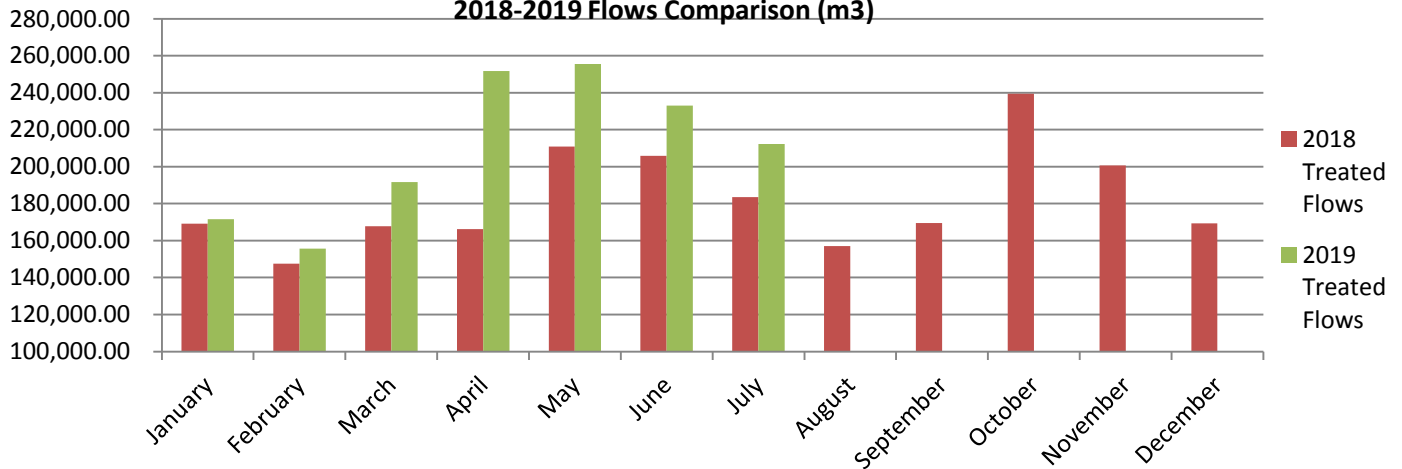
Month	Sewage Flows Year 2019					Usage	Calculated	Sludge	Removal Efficiency	
	Avg. Day	Max Day	Total	Total	Total	% Plant	Volume	Bins	CBOD5 0.969543147	
	Flow	Flow	Treated	ByPass	Volume	Capacity	Hauled	Hauled	Suspended Solids 0.966687294	
	m3	m3	Volume ML	Volume ML	ML		M3		Total Phosphorus 0.946875	
January	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						0%				
September						0%				
October						0%				
November						0%				
December						0%				
Sum				178.9	1471746.9		838.8	85		
Average	6933		210224		210250	77%	119.8	12.1		
Max		12069	255574		255574			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
July	82.2	2.1	13.8	145.6	4.3	29.9	2.48	0.15	1.06	16.8	7.7	10
August												
September												
October												
November												
December												
Average	81.6	2.5	17.5	138.5	4.6	33.0	2.3	0.12	0.86	16.2	9.5	26.9
Max	110.2	3.4	29.4	160.1	6	50.1	3.6	0.15	1.06	20.9	11.1	58
ECA		25	225		25	225		1.0	9.0			200

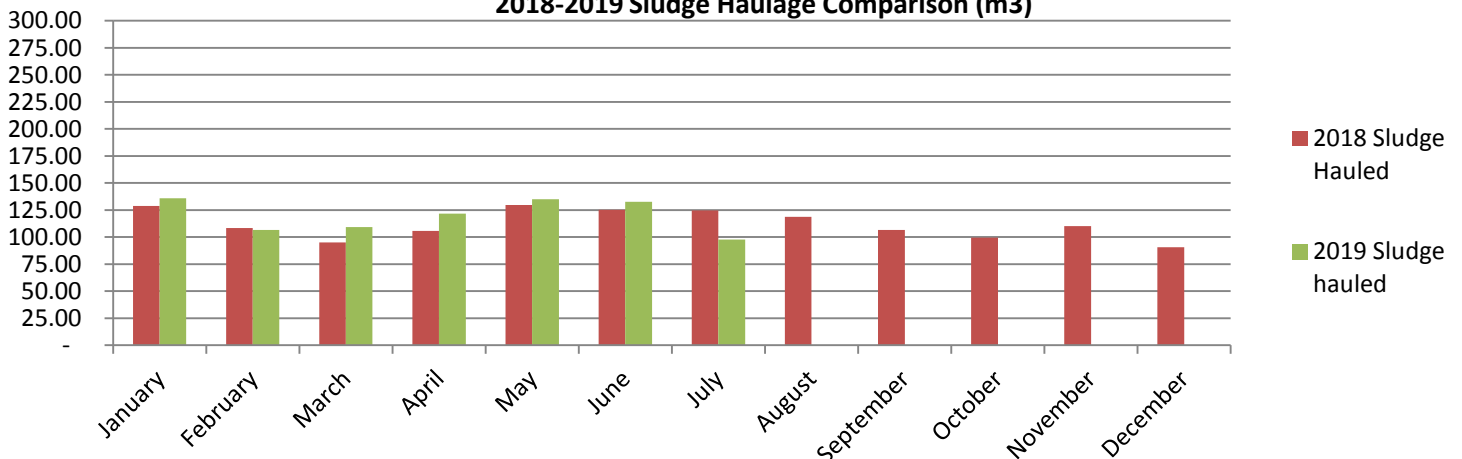
2018-2019 Comparison Chart

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		#DIV/0!	118.60		-100%
September	169,565.00		#DIV/0!	106.50		-100%
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%
Totals	2,187,105.00		#DIV/0!	1,343.10	838.80	-38%

2018-2019 Flows Comparison (m3)



2018-2019 Sludge Haulage Comparison (m3)



September 11, 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
August 2019 Monthly Report**

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

Yours truly,



Kelly Cunningham
Team Lead

For Jeff St. Pierre
Regional Hub Manager

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

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AUGUST 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 ₅	2.0 mg/L	25 mg/L	15 mg/L	12.0 kg/d	225 kg/d	135 kg/d
Total Suspended Solids	3.6 mg/L	25 mg/L	15 mg/L	22.8 kg/d	225 kg/d	135 kg/d
Total Phosphorus	0.16 mg/L	1.0 mg/L	0.9 mg/L	0.99 kg/d	9 kg/d	8.1 kg/d
Total Nitrogen Nitrate Nitrogen	7.86 mg/L 6.09 mg/L					
Total Cl ₂ Residual		<0.01 mg/L (when in use)				
E-Coli		13.2 count/100 ml (geometric mean)		200 count/100ml (geometric mean)		E-coli not to exceed 150 organisms/100ml (monthly geometric mean density)
pH				pH range 6.6 to 6.8; average pH was 6.7		
Temperature degrees C				Temperatures ranged from 15.5 to 16.5 C; average temperature of effluent was 15.9 C		

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

WASTEWATER LIQUID PROCESS

The average daily flow for August was 6347.5 m³/day. This represents 71% of the design average flow. Total treated flow for the month was 196772 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 objective levels as outlined in the Environmental Compliance Approval.

**The Town of Fort Frances accepted an additional 246 m³ of sewage from the New Gold mine site into the collection system in July, 191 m³ in August. 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
- Installed spare DO probe cell 1
- Installed new EW pump
- Changed oil blowers 3 and 4
- Installed repaired Netzsch polymer pump so that the spare with leaking shaft seal could be shipped back to supplier

Pump Stations:

- Ran gensets
- Changed seal water strainers

PROCESS AND OPTIMIZATION ISSUES

The new progressive cavity polymer pump shaft seal developed a leak so it was shipped back to the manufacturer. This pump was returned with a new seal installed and was immediately placed into service as the spare pump had developed a shaft seal leak in the interim. We will request that the manufacturer replace this seal as well.

SLUDGE SUMMARY

Dennis Robinson Limited hauled a calculated total of 136.0 m³ (14 bins) of thickened digested sludge to the Town of Fort Frances landfill site. The hauled sludge averaged 18.0 % TS for the month but slump test results from the landfill have not been provided. The Fournier press ran for 127 hours in July.

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 492 (x 180 multiplier) kWh.

The Fournier press has been operated 979 hours in 2019.

Verifications of effluent out fall measuring device were completed.

The installation of the fine bubble aeration system by Honeywell and EDI was completed. Some minor adjustments to controls and programming will be made in the near future but the system is running quite nicely.

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)

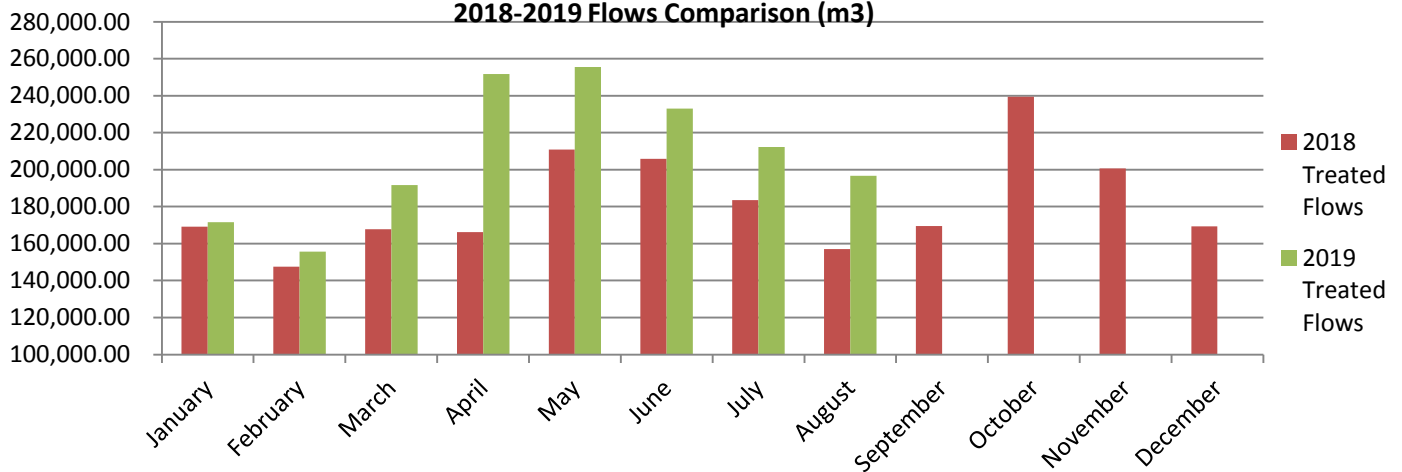
Month	Sewage Flows Year 2019					Usage	Calculated	Sludge	Removal Efficiency	
	Avg. Day	Max Day	Total	Total	Total	% Plant	Volume	Bins	CBOD5 0.970507753	
	Flow	Flow	Treated	ByPass	Volume	Capacity	Hauled	Hauled	Suspended Solids 0.968218839	
	m3	m3	Volume ML	Volume ML	ML		M3		Total Phosphorus 0.944838886	
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	14		
September						0%				
October						0%				
November						0%				
December						0%				
Sum				178.9	1668518.9		974.8	99		
Average	6860		208543		208565	76%	121.9	12.4		
Max		12069	255574		255574			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	160.0	3.6	22.8	2.31	0.16	0.99	17.3	7.9	13.2
September												
October												
November												
December												
Average	82.2	2.4	16.8	141.2	4.5	31.7	2.3	0.13	0.88	16.3	9.3	25.2
Max	110.2	3.4	29.4	160.1	6	50.1	3.6	0.16	1.06	20.9	11.1	58
ECA		25	225		25	225		1.0	9.0			200

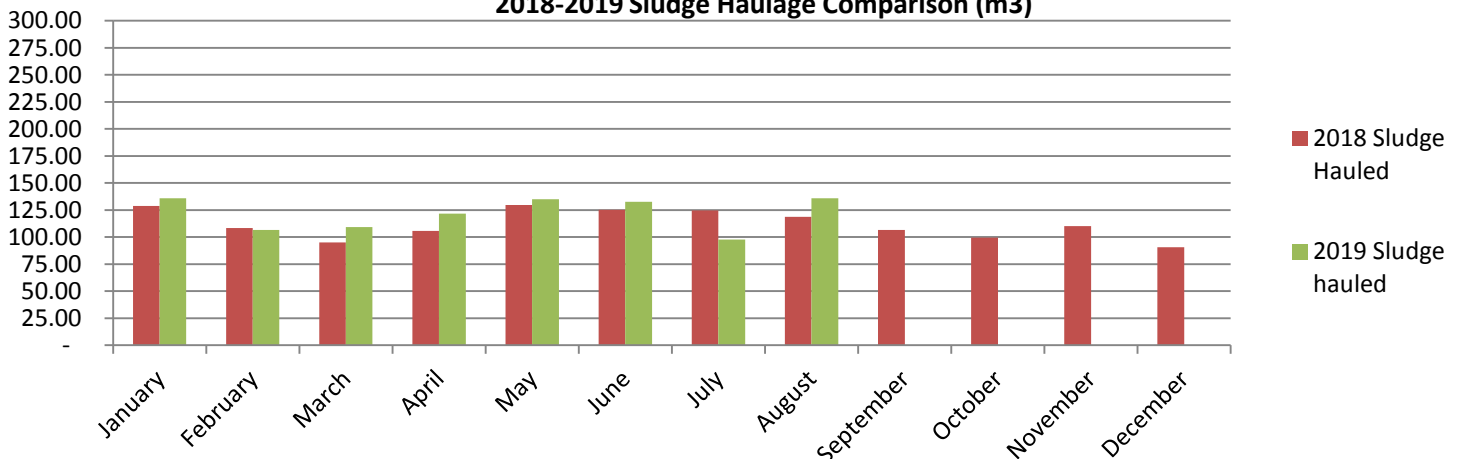
2018-2019 Comparison Chart

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		#DIV/0!	106.50		-100%
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%
Totals	2,187,105.00		#DIV/0!	1,343.10	974.80	-27%

2018-2019 Flows Comparison (m3)



2018-2019 Sludge Haulage Comparison (m3)



Workorder Summary Report

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

Report End Date: Aug 31, 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
1372818	0000227376	PANEL ALARM/DIALER	1103, Fort Frances WPCP, Process, Process Control & Monitoring	PM	Inspection	1	MONTHS	Critical Alarm/Dialer Testing (1m) 1103	COMP	8/1/19 12:00 AM	8/30/19 11:00 AM	8/30/19 12:00 PM	Monthly Alarm Test -We test the dialer daily.
1372822			1103, Fort Frances WPCP	PM	Refurbish/Replace/Repair	1	MONTHS	Diesel Gensets Inspection/Functional Tests (1m) 1103	COMP	8/1/19 12:00 AM	8/23/19 02:25 PM	8/23/19 02:25 PM	Monthly Gensets -I ran all gensets for 1 hour.
1372838			1103, Fort Frances WPCP	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 1103	COMP	8/1/19 12:00 AM	8/31/19 07:30 AM	8/31/19 08:30 AM	Monthly H&S -Garage floor still an issue but the Town is dealing with .
1372849			1103, Fort Frances WPCP	PM	Inspection	1	MONTHS	TPM Inspection/Maintenance (1m) 1103	COMP	8/1/19 12:00 AM	9/8/19 11:42 AM	9/8/19 11:42 AM	
1372854			1103, Fort Frances WPCP	OPER	Compliance	1	MONTHS	WISKI Review (1m) 1103	COMP	8/1/19 12:00 AM	9/8/19 11:34 AM	9/8/19 11:34 AM	WISKI Review (1m) 1103 -As of September 8th all in house lab results and ALS data uploads are complete
1373192			1103, Fort Frances WPCP	PM	Inspection	1	MONTHS	Blowers/Motors Inspection/Service (1m/3m) 1103	COMP	8/1/19 12:00 AM	8/30/19 01:00 PM	8/30/19 03:00 PM	Monthly Blower Maint. -I changed oil in blowers 3 &4.
1373200	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	8/1/19 12:00 AM	8/26/19 03:29 PM	8/26/19 03:29 PM	Teacup Centrifuge Inspection/Service (1m/3m/1y) 1103 -Drained and inspected teacup-found no debris. Drained and hosed snail and lubricated chain and bearings.

Sewer & Water Data for 2019

up-dated September 12, 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 monthly	cu. meters daily	cu. meters monthly	cu. meters daily		cu. meters monthly	cu. meters daily	cu. meters monthly	cu. meters 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	215530	6952.58	10545	340.16	4.89%		122360	3947.1	9445	304.7	7.72%	-3450.0	32064.9	93169.9	3005.5	24,612,879
August	31		0.00	12454	401.74	#DIV/0!		118250	3814.5	9445	304.7	7.99%	-14480.0	-157126.0	-118250.0	-3814.5	(31,238,339)
September	30		0.00		0.00	#DIV/0!			0.0		0.0	#DIV/0!	-104130.0	-169565.0	0.0	0.0	-
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	1474747		88360				908240.0		66580.0			-464400.0	-761805.1	566506.9	1552.1	149,655,261
Monthly Average		210678.1	4052.65	11045	242.25			113530.0	2493.3	8322.5	182.8		-38700.0	-63483.8	47208.9	1559.3	12,471,272

MONTH	Residential Waste tonnes	Res %	ICI Waste tonnes	ICI %	Non Community Waste tonnes	Non Com %	Covering Material tonnes	2018			2019				
								2018	Average last	2019	Average last	Total Fees 2009 to 2018	Total Fees	2019-2018 Tonnes	2019-2018 Fees
								Total Tonne	10 years Total Tonne		10 years Total Fees				
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		#DIV/0!		#DIV/0!		#DIV/0!		687.72	650.90	0.00	\$43,983.95	\$36,983.59		-687.72	-\$43,983.95
SEPT		#DIV/0!		#DIV/0!		#DIV/0!		647.03	651.00	0.00	\$42,404.90	\$37,190.53		-647.03	-\$42,404.90
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	246.43	30.90	376.23	66.95	22.63	2.15	618.18	560.50	570.65	376.42	\$36,199.91	\$31,171.95	\$45,701.76	199.51	67,162.72
Total	1724.99		2633.63		158.41		4327.27	6726.05	6847.74	4517.03	\$434,398.93	\$374,063.40	\$319,912.32	-2209.02	-\$114,486.61
Town of Fort Frances Tonnage	4358.62										\$434,398.93 Actual		\$319,912.32		
											\$396,950.00 Budget		\$407,271.00		
Total Tonnage	4517.03										\$434,398.93 Forecasted		\$548,421.12		
Residential Tonnage	1724.99	38.19%													
ICI Tonnage	2633.63	58.30%													
Coverage material	4327.27														

Aircraft Landings 2019
August 31,2019

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		66	79		197	267		2		29	7		33	14		44	40		45	42		37	39	0	230	249	-230
3/4 Total	488	638	713	1527	2043	2763	70	20	72	53	43	152	174	116	443	391	409	244	304	234	82	453	441	1481	2003	2198	-522
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	488	832	918	1527	2703	3498	70	36	72	60	49	152	204	136	443	510	517	244	313	252	82	570	563	1481	2496	2697	-1015

Fort Frances Airport - Page 2/2 - Fuel Sales - August 31, 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	3,654	3,654	11,704	11,704	11,704	16,597	25,675	7,528	8,692	11,543	7,216	10,252	7,308	12,250	-4,893
February	27	159	7,964	15,882	10,602	14,256	18,593	30,297	18,593	16,286	12,503	11,904	11,231	12,304	6,197	6,918	3,687	11,276	2,307
March	840	999	12,876	28,758	12,380	26,636	26,096	56,393	26,096	9,798	21,928	13,255	17,795	10,508	12,077	9,329	10,390	14,079	16,298
April	1,379	2,378	11,631	40,389	12,836	39,472	25,846	82,239	25,846	10,398	13,102	8,592	13,219	8,377	4,453	8,251	5,294	10,821	15,448
May	2,615	4,993	16,052	56,441	12,706	52,178	31,373	113,612	31,373	24,839	21,362	24,681	16,161	29,753	18,350	21,891	19,790	23,223	6,534
June	5,860	10,853	25,203	81,644	29,382	81,560	60,445	174,057	60,445	27,380	27,380	26,015	45,698	30,789	22,786	23,537	25,723	31,215	33,065
July	3,957	14,810	13,189	94,833	9,893	91,453	27,039	201,096	27,039	23,461	24,642	29,002	28,150	14,441	19,232	32,650	19,124	24,267	3,578
August	5,449	20,259	11,575	106,408	15,333	106,786	32,357	233,453	32,357	30,430	23,029	21,119	36,638	20,450	20,075	30,783	21,467	26,460	1,927
September						106,786	0	233,453		25,191	13,489	21,325	24,238	21,837	18,005	19,431	22,511	20,552	-25,191
October						106,786	0	233,453		10,769	16,604	30,655	8,216	15,472	13,109	11,325	13,677	15,681	-10,769
November						106,786	0	233,453		10,748	9,924	22,349	11,616	7,238	6,398	8,170	6,785	10,442	-10,748
December						106,786	0	233,453		13,243	6,560	13,797	7,592	6,849	2,028	8,179	2,446	7,588	-13,243
Total	20,259		106,408		106,786		233,453		233,453	219,140	216,198	230,222	229,246	189,561	149,926	190,716	158,202	207,853	14313

Lowest month in last 9 years

Highest month in last 9 years

Highest month

lowest month