

TOWN OF FORT FRANCES

Operations and Facilities Executive Committee

AGENDA - September 21, 2016, 8:30 AM

MEETING - Civic Centre

Session #016

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|---|---------|
| 1. <u>Call to Order</u> | |
| 2. <u>Disclosure of pecuniary interest and the general nature thereof</u> | |
| 3. <u>Approval of Previous Committee Minutes</u> | |
| 3.1 Minutes from the meeting of this Committee on September 7, 2016. | 2 - 3 |
| 4. <u>Non-agenda Items</u> | |
| 5. <u>Items Referred from Council</u> | |
| 5.1 Letter from William Krag - owner of 800 Block Scott Street - Water Service Repair Invoice | 4 - 24 |
| 5.2 Letter from Mr. Wayne Lundstrum - Use and Care of Pedestrians and Bicyclists | 25 - 27 |
| 6. <u>New Business</u> | |
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| 6.4 Surplus Equipment - Wastewater Treatment Plant and Public Works Shop | 37 - 39 |
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| 8. <u>Adjourn / Next Meeting Date</u> | |

TOWN OF FORT FRANCES

MINUTES

SESSION NO. #015

September 7, 2016

The meeting of Operations & Facilities Executive Committee of the Town of Fort Frances was held in the Civic Centre - Committee Room on September 7, 2016 from 8:33 a.m. to 9:10 a.m.

PRESENT: June Caul, Chairperson, Doug Kitowski, Doug Brown, CAO and Travis Rob

ALSO PRESENT: Ken Perry

1. Call to Order

The meeting was called to order at 8:33 a.m.

2. Disclosure of pecuniary interest and the general nature thereof

None

3. Approval of Previous Committee Minutes

- 3.1 Minutes from the meeting of this committee on August 3, 2016 - the minutes were approved as circulated.

4. Non-agenda Items

None

5. Items Referred from Council

- 5.1 Letter from Mr. William Krag - owner of 800 Scott Street - re: Water Service Repair Invoice - deferred to next Operations and Facilities meeting scheduled for September 21, 2016 (include breakdown of costs)

6. New Business

- 6.1 July 2016 Drinking Water Systems Monthly Summary Report - the July 2016 Drinking Water Systems Monthly Summary Report was reviewed and will be forwarded to Council for approval.
- 6.2 Selection of Capital Projects for Application to the Ontario Community Improvement Fund (OCIF) Top-Up Component - the administration report was reviewed and will be forwarded to Council for approval.

7. Information

- 7.1 Operations and Facilities Division - Public Works Area - Operations Statistics - May 2016 - the Operations and Facilities Public Work Operations Statistics for May 2016 were reviewed and will be forwarded to Council as information only. No action required.
- 7.2 Operations and Facilities Division - Environmental Area - Operations Statistics - July 2016 - the Operations and Facilities Environmental Statistics for July 2016 were reviewed and will be forwarded to Council as information only. No action required.

- 7.3 Aircraft Landings 2016 - as of September 1, 2016 Statistics (July and August) - the Airport Statistics as of September 1, 2016 were reviewed and will be forwarded to Council as information only. No action required.

8. Adjourn / Next Meeting Date

The meeting was adjourned at 9:10 a.m.

Executive Committee Chair

D. Brown, Manager of Operations & Facilities

August 26, 2016

Report To: Administration and Finance Executive Committee

From: Travis Rob, Manager of Operations and Facilities

**RE: Letter Dated July 7, 2016 from Mr. William Krag, owner of 800 Scott Street Fort Frances,
Water Service Repair Invoice.**

Please find attached the report dated August 24, 2016 from Mr. Doug Herr, Environmental and Facilities Superintendent outlining the events surrounding the repairs to the water services at 800 Scott Street and charges stemming from these works, which are being disputed.

As is the situation with any damages to Town infrastructure during private works, the property owner is responsible for cost to complete the repairs. The repairs of the damages completed during the works by Mr. Krag were completed by Town forces in accordance with all applicable regulations and standards and in a manner to not delay Mr. Krag's work. According to the TSSA Guideline for Excavation in the vicinity of Utility Lines, when digging within 1m on either side of a known piece of underground infrastructure you are required to dig by hand not by mechanical means to protect the infrastructure. Given that Mr. Krag notes in his letter that he pulled the water lines off of the respective curb stops, it is apparent that he was not digging in this area by hand which was likely the primary causal factor in the damage to the water services.

Based on the record of events report and the extent and type of damage to both water services It is the recommendation of the Operations and Facilities Executive Committee that the request for reconsideration of Mr. Krag's invoice be denied.

Respectfully Submitted

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

Travis Rob, EIT

Manager of Operations & Facilities

2016Augustbillkragletter

August 24, 2016

Report To: Travis Rob, Manager of Operations & Facilities
From: Douglas Herr, Environmental & Facilities Superintendent
**SUBJECT: Water Service Damage Repairs
800 Scott Street (White Pine Hotel)
Letter Dated: July 7, 2016 - Received July 15, 2016**

Find attached a letter from Bill Krag disputing the invoice in the amount of \$6,158.73 for repair costs as a result of the damage he caused to the existing water service into the above property.

I have outlined the chain of events that took place, see below:

- November 9, 2015 – Town received an email from Ontario One Call for a locate request at 800 Scott Street. Bill Krag made the request as he was arranging to complete some sewer work within his property.
- November 9, 2015 – Locate was completed by Trish Law. No one was on site to sign the locate form so she emailed a copy to him. (Email attached). The locate states that the water/sewer services are only marked to the property line, not mark on private property. In her email she specifically requests that the form be signed and a copy returned to the Public Works Office prior to work taking place. Failure to do so will invalidate the service locate. No signed copy has been received to date.
- In the mid to later part of November 2015 Mr. Krag came to the Public Works Office looking to purchase materials for his sanitary sewer installation. The Town sold him what he required. When he was here I talked with him. He wanted to know if the Town would install the sewer service for him. I told him that the Town does not do work on private property as there are a number of contractors that do this type of work.
- Another time Mr. Krag came in looking to know the depth of the sewer at the property line as he was going to tie into it. He was installing the sewer pipe from the building back to the sewer pipe at the property line. I told him I could only give him an estimated depth. I also told him that the general practice for installing sewers is to start at the low end, at the cleanout at the property line and work your way back to the building. This way you can maintain proper grade on the sewer pipe and adjust accordingly. If you were to go backwards there is a chance that your newly installed pipe may end up below where you want to tie in. I drew a sketch of what I meant by this, which if I recall he took with him. At no time do I recall discussing the service locates with Mr. Krag.
- November 30, 2015 – Mr. Krag had telephoned the Public Works Office sometime in the middle of the afternoon requesting an emergency turn off as he caught the existing water service on his property. A crew was dispatched to the site. Upon exposing the water service at the property line they found that the curb stop had been pulled off the service pipe. The service line was crimped and left for repair the next day.
- December 01, 2015 – Town crew arrived on site to repair the water service. In order to facilitate a safe repair the existing concrete sidewalk was removed. The existing service,

Town side had to be froze in order to complete the repair and to avoid shutting down the water main itself. A new curb stop, box and spindle were installed at the property line and a short piece of service pipe was installed on the Owner's side to keep the curb stop threads clean. The excavation was then backfilled. It was found that there were two water services going into this property, both were in the off position.

- December 2, 2015 – Mr. Krag telephoned the Public Works office a second time stating that he again needed an emergency water turn off as he snagged his water service. A crew was dispatched to the site and completed a temporary repair, similar to that done on December 01, 2015. The curb stop on this water service (second service) was also pulled off the service pipe.
- December 3, 2015 – Town crew arrived on site to repair the water service. The existing water service was repaired similar to the repair done to the service on December 01, 2015. The excavation was not backfilled as requested by the Owner, Mr. Krag as he had to connect to the services.
- An invoice for the work completed by the Public Works crew was sent to Mr. Krag in December 2015. It wasn't until May 9, 2016 that I received an email from Mr. Krag stating that he was in dispute of the invoice. I tried several times to get ahold of Mr. Krag and finally got a hold of him by telephone. I asked him why it took so long to come forward with the dispute and explained that he would have to write a letter to Council explaining his reasons why he is disputing the invoice. His response was he was very busy and time flew by and that he would write Council a letter. A letter was received Friday July 15, 2016.

In regards to Mr. Krag's letter he mentions that his property only requires one water service and that he should not be made to pay for something he neither asked for nor needs. The two water services were already in place when Mr. Krag purchased the property. Nothing was added since. If Mr. Krag wishes to have one of the service lines permanently terminated then he would have to make application to do so. I would go on to say why would Mr. Krag reconnect both services back up to his building? From what was observed within the building only one service was being used. The other one had been disconnected and capped inside. (This would depend on the present and future use of the property).

Respectfully Submitted,



Douglas Herr, Environmental & Facilities Supt.

Enclosed: Letter – Bill Krag
Locate (Email)
Pictures

Fort Frances Mayor and Council
 Fort Frances Civic Center
 Fort Frances ON

July 7 2016

William Krag
 Owner of Property 800 Scott St
 Fort Frances ON



Mayor and Council:

This letter is concerning invoice 0024472 in the amount of \$6,158.73.
 I feel this invoice unwarranted and do not feel we should be responsible for the entire amount.

On Nov 30 2015 I was to begin digging a new sewer line into my property located at 800 Scott St. I had obtained the appropriate line locates required for this job. The sewer and water locate was quite vague, so I called the public works department for assistance but was not able to get anyone to come to the property. I went to the public works office and Doug Herr said they wouldn't be able to assist in this process but did provide me with a rudimentary drawing as to where dig to try and find the water line. I dug as best I could and found one water line that was leaking slightly. I called again and asked for someone to come and look at it. No one showed so I continued to dig and hooked the water line and pulled it out of the curb stop and water began to flow and fill the hole. I then called again there was no answer so I left a message about what happened. A crew showed up shortly and was able to stop the leak. Upon the finish of the clean up another old bent curb stop rod was noticed close to the one I was digging by. When asked about it I was told that that would be a dead line and not to worry about it. On Wednesday December 2 2015 I continued digging avoiding the "dead line" but it turned out that line looped around and under where I was digging and that one was also pulled off the curb stop and began filling hole with water. I again called public works and was told a crew would be dispatched. I am not sure how long it was but it was quite a while before anyone showed up thus allowing the water to undermine the side walk.

The line was repaired and I was able to finish with my work. There are other factors that created a lot of difficulty in finishing this project and cost me expenses and time to remedy. I do not believe I should be held responsible for any of the repairs as with assistance of town personnel these events would have been avoided. My property only requires one service and I should not be made to pay for something I neither asked for nor need.

I am responsible for the \$263.50 for Sewer Service Materials.

I would be happy to explain this further in person if you like. But this bill is not an unpaid bill it is a bill in dispute and should not be transferred to land taxes.

Sincerely ;
 Bill Krag 807 275 9297 fssr@nwonet.net

FORT FRANCES
OPERATIONS &
FACILITIES DIVISION
274-9893

RECORD OF LOCATE

Locate requests should be made at least 5 days prior to digging
WE REQUEST 48 HOURS NOTICE ON ALL UTILITY LOCATIONS



| | | |
|--|--------------------------------|---|
| Work Location 800 SCOTT STREET | | REQUESTED BY: <input type="checkbox"/> Bell <input type="checkbox"/> Contractor <input type="checkbox"/> Hydro <input checked="" type="checkbox"/> Home Owner <input type="checkbox"/> Cable <input type="checkbox"/> FFPC <input type="checkbox"/> Gas <input type="checkbox"/> Other |
| Nature of Work SEWER | | |
| Other Information | | Locator: LAW |
| Name of Contractor LAKE SERVICES | | Date Received: 9/11/2015 |
| Address of Contractor 2003 RR#2 | | Date Required: 16/11/2015 |
| FORT FRANCES, ON | | Dispatcher: DANTONE CALL |
| Locate Expiry Date 10/DEC/2015 | Postal Code R9A 3M3 | Phone 275-9297 |
| Requested By B KRAG | Phone fssr@nwnet.net | Ticket #: 2015461584 |
| | | Work location clear of underground utilities |

CAUTION!

Before excavating commences please read the "Guidelines for Excavations in the Vicinity of Underground Utilities" printed on the reverse of this sheet.

NOTE!

A new locate is required if any of the following occur: delays occur in acting on this locate beyond 30 days; this sketch and site markings do not coincide; the work location is changed; the nature of the work is changed; markings become unclear, or anything occurs which may indicate that a new or better locate is needed.

| | | |
|---|--|--------------------------------|
| METHOD OF MARKING <input type="checkbox"/> Water Blue Paint <input type="checkbox"/> Sewer Green Paint <input type="checkbox"/> Property Orange Paint | REFERENCE MAPS NUMBERS: SEE ATTACHED MAP | Sketch not drawn to scale. |
| LEGEND Hydrant Pole Manhole Property Bar (orange) P.B. Property Line PL Fence Line X Catch Basin CB Face of Curb F.C. Curb Stop (Blue) CS Clean Out (green) CO Sewer Main (Green) SAN Water Main (Blue) WM Storm Sewer (Blue) STM Anchor Sidewalk SW Work Area Tree/Bush | * WATER / SEWER SERVICES CONNECT TO SCOTT ST MAINS (FRONT OF PROPERTY) - MARKED ONLY TO PROPERTY LINE, NOT MARKED ON PRIVATE PROPERTY - APPROX LOCATION MARKED (NOT TRACED), PROCEED WITH CAUTION * 300MM CSP STORM SEWER LOCATED CB @ 800 SCOTT ST WITH CB IN PARKING LOT ACROSS BLVD. | |
| Exposed or damaged utilities must be reported to Fort Frances Operations & Facilities Division at 274-9893 | | |

28410
Locator's Signature

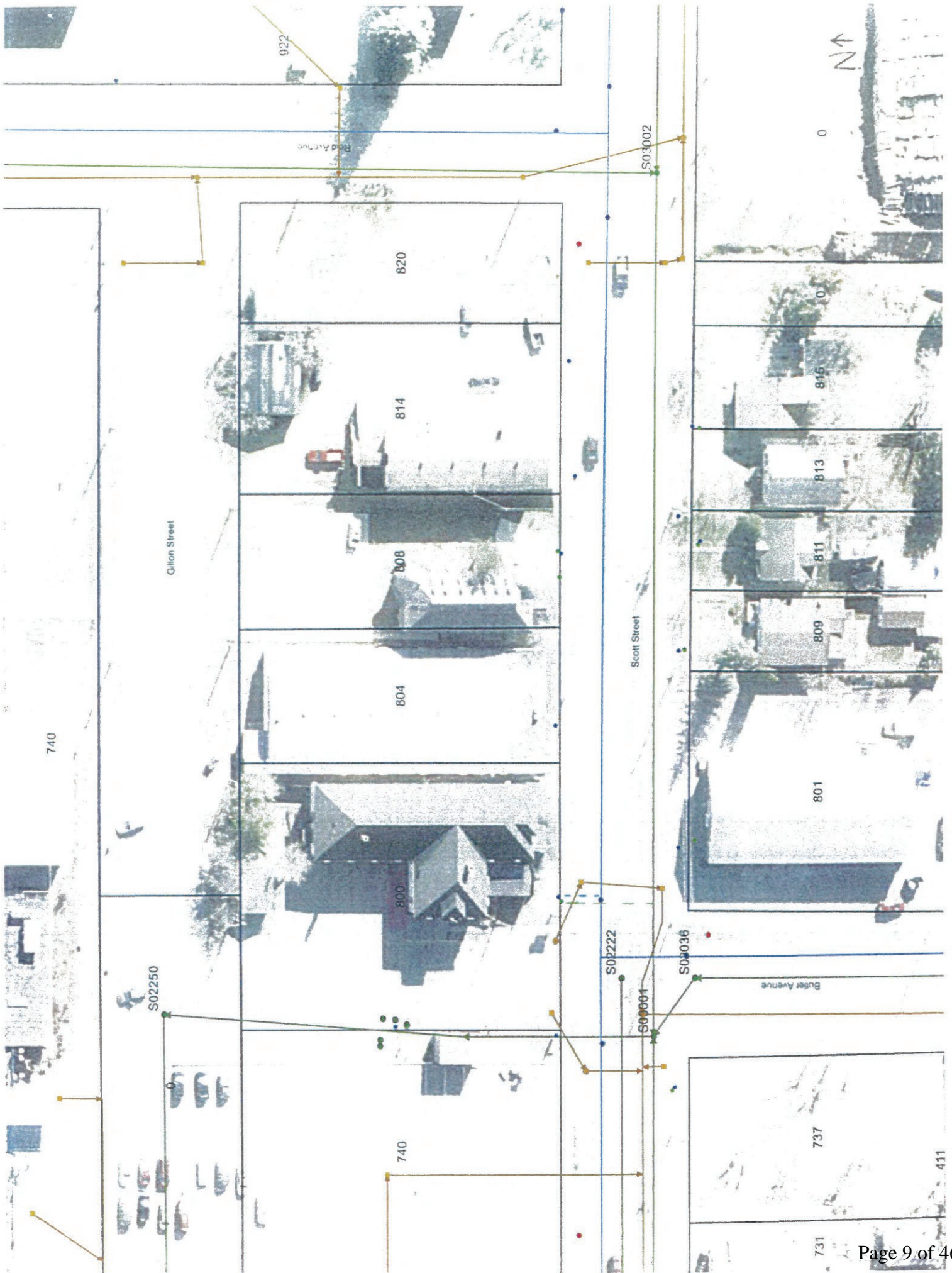
9/11/2015
Date

"I acknowledge receipt of a copy of this report and have read and fully understood all instructions and the caution on the reverse side. I also understand that I and/or my Employer will be held responsible for any injury or damages that may occur as a result of negligence on my and/or my Employer's part in the completion of this excavation."

Print name and title of excavator's representative

Representative's Signature

Contractor/Excavator to retain copy of locate on job site





Trish Law/Frances
11/10/2015 08:36 AM

To fssr@nwonet.net
cc
bcc
Subject locate ticket 2015461584

Bill:

Water/sewer/storm sewer locates for 800 Scott Street. Please sign and return one copy of the Record of Locate sheet (first page only) to my office prior to work taking place on site. Failure to do so will invalidate your service locates.

Regards,
Trisha

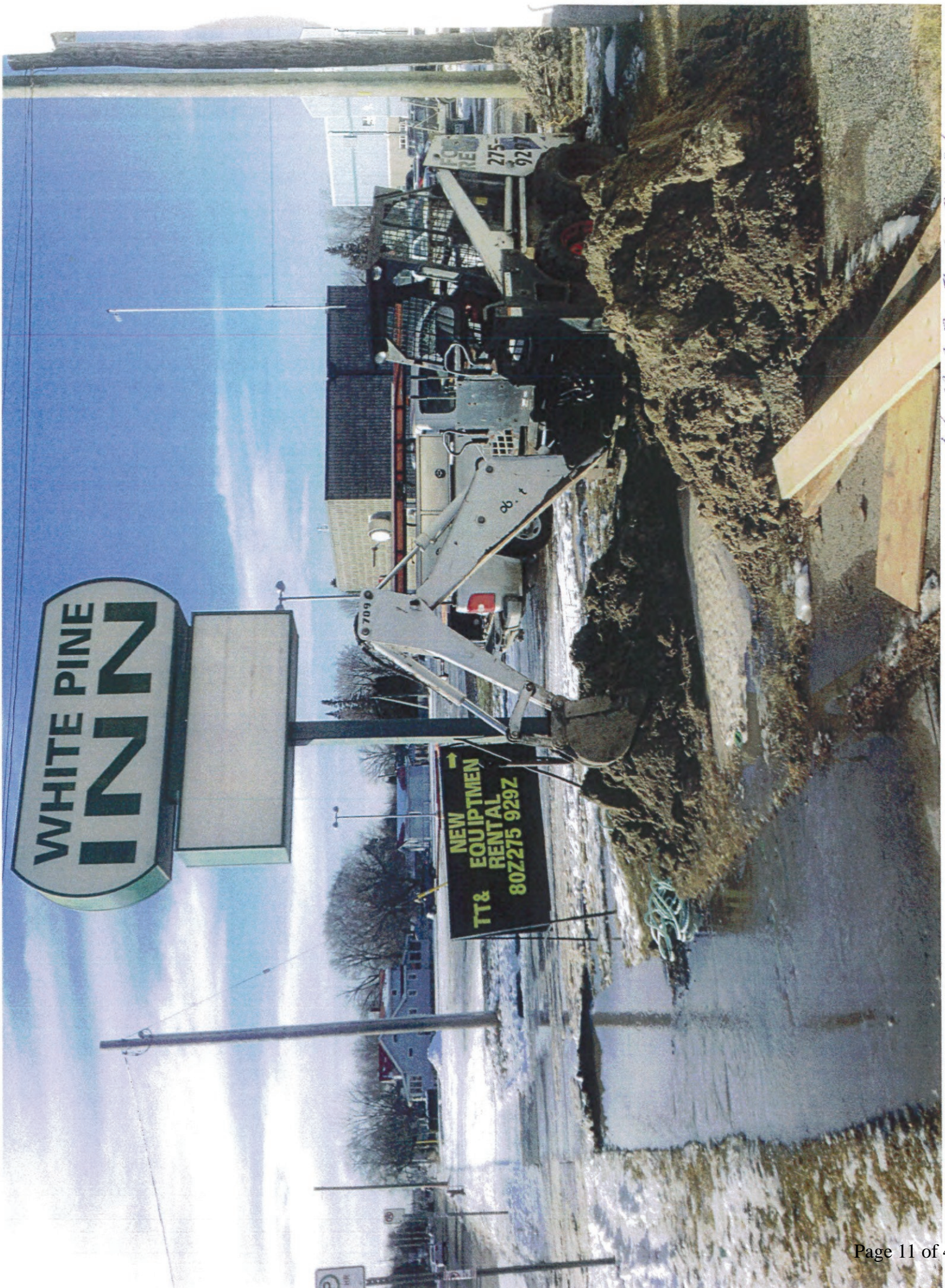
Trisha Law, B.Sc. (Geography), MGIS
GIS Expert
Town of Fort Frances Public Works
P: (807) 274-9893 ext. 304
F: (807) 274-7360
tlaw@fort-frances.com

PDF



2015461584.pdf





NOVEMBER 30, 2013 - 2:10 PM



NOVEMBER 30, 2015 - 2:10 PM



NOVEMBER 30, 2015 - 2:10 PM



NOVEMBER 30, 2015 - 2:51 PM



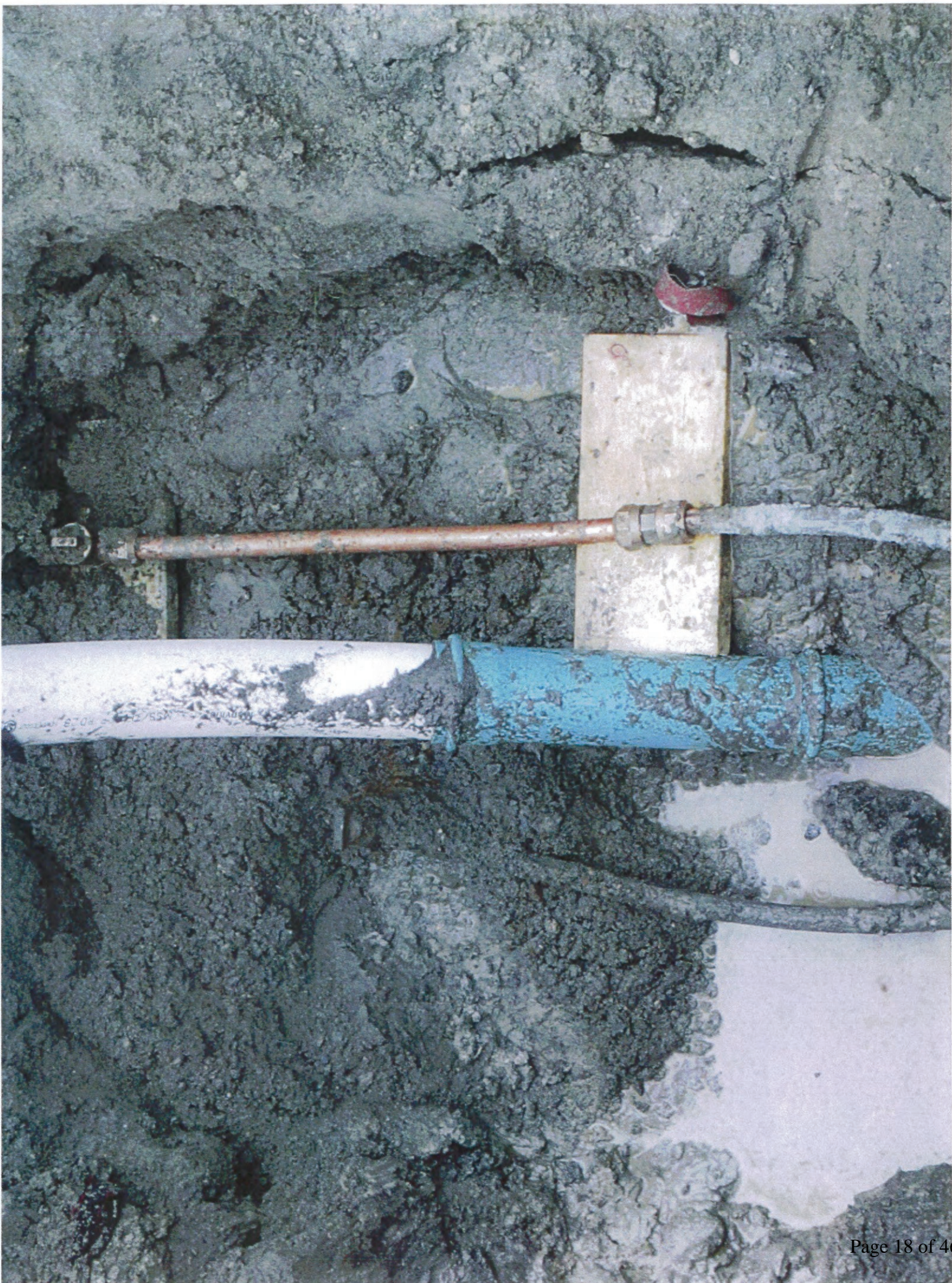
DECEMBER 01, 2015 - 11:20 AM



DECEMBER 01, 2015 - 12:46 PM



DECEMBER 01, 2015 - 2:48 PM



DECEMBER 01, 2015 - 3:13 PM



DECEMBER 01, 2015 - 4:55 PM



DECEMBER 02, 2015 - 3:31 PM



DECEMBER 03, 2015 - 11:56 AM



DECEMBER 03, 2015 - 11:38 PM

800 SCOTT STREET (White Pine Inn)
WATER SERVICE REPAIRS

Bill Krag

COST SUMMARY:

WATER SERVICES: WATER (Existing 1" COPPER)

MONDAY NOVEMBER 30, 2015: Water Service Repair: (Owner pulled on existing water service with small backhoe thus pulling the curbstop off the service line. Vacuum excavated and crimped the copper water service.

| Labour | | Hours Worked | | | | Vehicle/Equipment | | | | | | | | |
|---------------|-------|--------------|----------------|------|---------|-------------------|---------------|------|------|----------|-----------------|------|------|---------------|
| | Reg. | Rate | Total Reg. | O.T. | Rate | Total O.T. | Meal Chit | Name | Reg. | Rate | Total Reg. | O.T. | Rate | Total O.T. |
| T. George | (WDO) | \$41.47 | \$0.00 | | \$62.21 | \$0.00 | | V124 | 2 | \$21.56 | \$43.12 | | | |
| J. Bruyere | (WDO) | \$41.47 | \$0.00 | | \$62.21 | \$0.00 | | E206 | 2 | \$232.63 | \$465.26 | | | |
| G. Wiedenhoef | (ORS) | \$41.47 | \$82.94 | | \$62.21 | \$0.00 | | V184 | 2 | \$21.56 | \$43.12 | | | |
| | | | <u>\$82.94</u> | | | <u>\$0.00</u> | <u>\$0.00</u> | | | | <u>\$551.50</u> | | | <u>\$0.00</u> |

TUESDAY DECEMBER 01, 2015: Water Service Repair: (Excavated down to service line, exposed, froze the line and installed a new curbstop. Backfilled.

| Labour | | | Hours Worked | | | Vehicle/Equipment | | | | | | | | |
|---------------|-------|---------|-----------------|------|---------|-------------------|---------------|------|------|----------|-------------------|------|----------|-----------------|
| | Reg. | Rate | Total Reg. | O.T. | Rate | Total O.T. | Meal Chit | Name | Reg. | Rate | Total Reg. | O.T. | Rate | Total O.T. |
| McArthur | (GO2) | \$41.47 | \$0.00 | | \$62.21 | \$0.00 | | E206 | 2 | \$232.63 | \$465.26 | | | \$0.00 |
| Fiset | (LH) | \$41.47 | \$0.00 | | \$62.21 | \$0.00 | | | | \$0.00 | | | | \$0.00 |
| Fiset | (GO1) | \$41.47 | \$0.00 | | \$62.21 | \$0.00 | | E317 | 1 | \$93.22 | \$93.22 | 0.5 | \$113.96 | \$56.98 |
| Walton | (GO1) | \$41.47 | \$41.47 | | \$62.21 | \$0.00 | | E321 | 5 | \$85.66 | \$428.30 | 0.5 | \$106.40 | \$53.20 |
| G. Wiedenhoef | (ORS) | \$41.47 | \$124.41 | 0.5 | \$62.21 | \$31.11 | | V184 | 3 | \$21.56 | \$64.68 | 0.5 | \$21.56 | \$10.78 |
| J. Bruyere | (WDO) | \$41.47 | \$248.82 | 0.5 | \$62.21 | \$31.11 | | | | | | | | |
| T. George | (WDO) | \$41.47 | \$248.82 | 0.5 | \$62.21 | \$31.11 | | V124 | 6 | \$21.56 | \$129.36 | | | \$0.00 |
| Laferriere | (TTD) | \$41.47 | \$248.82 | 0.5 | \$62.21 | \$31.11 | | V121 | 3 | \$80.55 | \$241.65 | 0.5 | \$80.55 | \$40.28 |
| | | | <u>\$912.34</u> | | | <u>\$124.42</u> | <u>\$0.00</u> | | | | <u>\$1,422.47</u> | | | <u>\$161.24</u> |

WEDNESDAY DECEMBER 2, 2015: Water Service Repair: (Owner pulled on existing water service with small backhoe thus pulling the curbstop off the service line. Vacuum excavated and crimped the copper water service.

| Labour | | | Hours Worked | | | Vehicle/Equipment | | | | | | | | |
|---------------|-------|---------|-----------------|------|---------|-------------------|---------------|------|------|----------|-----------------|------|------|---------------|
| | Reg. | Rate | Total Reg. | O.T. | Rate | Total O.T. | Meal Chit | Name | Reg. | Rate | Total Reg. | O.T. | Rate | Total O.T. |
| T. George | (WDO) | \$41.47 | \$0.00 | | \$62.21 | \$0.00 | | V124 | 3 | \$21.56 | \$64.68 | | | \$0.00 |
| J. Bruyere | (WDO) | \$41.47 | \$0.00 | | \$62.21 | \$0.00 | | E206 | 3 | \$232.63 | \$697.89 | | | \$0.00 |
| G. Wiedenhoef | (ORS) | \$41.47 | \$165.88 | | \$62.21 | \$0.00 | | V184 | 4 | \$21.56 | \$86.24 | | | \$0.00 |
| | | | <u>\$165.88</u> | | | <u>\$0.00</u> | <u>\$0.00</u> | | | | <u>\$784.13</u> | | | <u>\$0.00</u> |

THURSDAY DECEMBER 03, 2015: Water Service Repair: (Excavated down to service line (SECOND LINE), exposed, froze the line and installed a new curbstop. Backfilled.

| Labour | | | Hours Worked | | | Vehicle/Equipment | | | | | |
|----------------|-------|---------|-----------------|------|------|-------------------|---------|-----------------|------|------|---------------|
| | Reg. | Rate | Total Reg. | O.T. | | Reg. | Rate | Total Reg. | O.T. | Rate | Total O.T. |
| Walton | (GO1) | \$41.47 | \$0.00 | | E321 | 2 | \$85.66 | \$171.32 | | | \$0.00 |
| G. Wiedenhoest | (ORS) | \$41.47 | \$82.94 | | V184 | 2 | \$21.56 | \$43.12 | | | \$0.00 |
| J. Bruyere | (WDO) | \$41.47 | \$165.88 | | | | | \$0.00 | | | \$0.00 |
| T. George | (WDO) | \$41.47 | \$165.88 | | V124 | 4 | \$21.56 | | | | \$0.00 |
| Woods | (TD) | \$41.47 | \$165.88 | | V122 | 3 | \$80.55 | \$241.65 | | | \$0.00 |
| | | | <u>\$580.58</u> | | | | | <u>\$456.09</u> | | | <u>\$0.00</u> |

EQUIPMENT RENTAL: Not Applicable

MATERIALS:

| | | | |
|-----------------------------------|-----------|---------|-----------------|
| Water: | | | |
| 1" curbstop (compression) | 2 each | \$88.31 | \$176.62 |
| 1" copper to copper - compression | 2 each | \$30.57 | \$61.14 |
| Screened Sand | 20 tonnes | \$11.32 | \$226.40 |
| Granular A | 10 tonnes | \$11.56 | \$115.60 |
| Crushed Asphalt | 3 tonnes | \$4.82 | \$14.46 |
| | | | <u>\$594.22</u> |

MATERIAL: INVENTORY (PW) **\$653.64** (includes 10% mark-up)

EXTERNAL CHARGES: Sidewalk Replacement: N/A sq.m. \$42.40 \$0.00 (To be completed in 2016)

OTHER CHARGES:

| | | |
|-------------------|--|-----------------|
| December 9, 2015 | Sanitary sewer connectin inspection fee: | \$43.75 |
| | Water service connection inspection fee (1st service): | \$43.75 |
| December 17, 2015 | Sanitary sewer connectin inspection fee: | \$43.75 |
| | Water service connection inspection fee (2nd service): | \$43.75 |
| | | <u>\$175.00</u> |

TOTAL:

| | |
|------------------------|---|
| Labour (Reg.) | \$1,741.74 |
| Labour (O.T.) | \$124.42 |
| Equip. (Reg.) | \$3,214.19 |
| Equip. (O.T.) | \$161.24 |
| Equip. (Rental) | \$0.00 includes TOFF portion of HST (1.76%) |
| Meal Chits | \$0.00 |
| Material | \$653.64 |
| External Charges | \$0.00 |
| Other Charges | \$175.00 |
| <u>SUBTOTAL</u> | <u>\$5,895.23</u> |
| HST | N/A |
| <u>TOTAL</u> | <u>\$5,895.23</u> |

G/L CODES:

W-961-0430-0595 **\$5,895.23**

NOTE: CONCRETE SIDEWALK TO BE COMPLETED AND BILLED IN 2016

Send Invoice to:

Bill Krag
RR#2, Site 212-47
Fort Frances, Ontario
P9A 3M3

September 16, 2016

Report To: Mayor and Council

From: Travis Rob, Manager of Operations and Facilities

RE: Deputation by Mr. W. Lundstrom – Use and Care of Pedestrians and Bicyclists

At the September 12, 2016 meeting of Council Mr. Lundstrom made a presentation regarding the interaction of pedestrians and cyclists on the sidewalks in Fort Frances, particularly within the Downtown Core. Mr. Lundstrom discussed the laws and by-laws surrounding the use of sidewalks by cyclists and requested that the by-laws be reviewed and strengthened. Mr. Lundstrom also brought forward the signs on the waterfront walking path that say 'Walking Path Only' thereby directing cyclists onto the bicycle path.

I spoke with members of the By-Law Enforcement department about the Traffic Control By-Law and cyclists on sidewalks. Section 5.3 Driving on Sidewalks, Curb or Boulevard states, in part, that no person shall drive a bicycle within any sidewalk area or on a curb. However the real guidelines for cyclists comes under the Highway Traffic Act. This act outlines the 'rules of the road' for all vehicles including cyclists. This act is enforced by the Ontario Provincial Police. The Municipal By-Law Enforcement officers are not permitted to stop vehicles therefore stronger wording in the traffic control by-law will not make a change to the ability of the municipality to enforce what is currently in place. Under the current OPP Service Agreement, the traffic control by-law is currently enforced by the OPP as well as The Highway traffic act. Furthermore the OPP have periodic 'Bicycle Rodeo' events where they educate youth on the rules surrounding the safe operation of Bicycles which could be a tool to alleviate this issue.


The Signs on the water front directing cyclists to the bicycle path are affixed to the walkway lighting poles. Signs of this type, stating 'No Bicycles on Sidewalk' could be purchased for the downtown core and placed on the street lighting poles. The cost of the signs is approximately \$35.00 per sign and to provide suitable coverage to the 100, 200 and 300 blocks of Scott Street, 16 would have to be purchased at a total cost of \$560.00 plus brackets and bands for installation. The issue with taking this approach in the Downtown core is that we do not have a bicycle path to direct cyclists to. This would increase the interaction of cyclists and vehicular traffic, coupled with the fact that Scott Street is a truck route.

In 2011 the Town of Fort Frances in partnership with the Northwestern Health unit underwent a study and subsequent plan looking at the active transportation network and future opportunities for improvement within the Town of Fort Frances. The recommendations were widely varying from new sidewalks and off road bike paths to on road bike lanes. The major stumbling block that impacted the installation of on road bike lanes was the reality that, under the Highway Traffic Act, one lane would have to be constructed in each direction. This coupled with the width of our existing roadways meant that one of the parking lanes would have to be

abandoned to shift the traffic to accommodate the two bike lanes. Given the parking issues in the Downtown core currently, the ability to construct a bike path in this area is not realistic.

Given the ability of the OPP to stop a bicycle, the current regulations and the OPP's frequent public engagement and information sessions, the current provisions within the Traffic Control By-Law, and the public safety issues with forcing cyclists onto the roadway in the downtown core; It is the recommendation of the Operations and Facilities Executive Committee to refer the request from Mr. Wayne Lundstrom to the Police Services Board for further consideration. And further to not revisit the traffic control by-law provisions surrounding cyclists, and further, not install signage within the Downtown core at this time.

Respectively Submitted

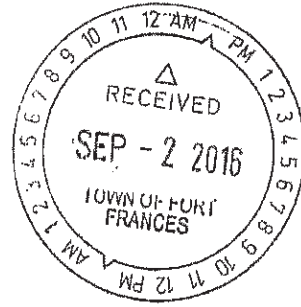
A handwritten signature in black ink, appearing to read 'Travis Rob', with a stylized flourish at the end.

Travis Rob, EIT
Manager of Operations & Facilities

2016SeptBicycleDeputation

Council Approval of this report will agree with the recommendation of the Operations and Facilities Executive Committee to refer the request from Mr. Wayne Lundstrom to the Police Services Board for further consideration. And further to not revisit the traffic control by-law provisions surrounding cyclists, and further, not install signage within the Downtown core at this time.

September 2 2016



TOWN OF FORT FRANCES

COUNCIL BOARD

CIVIC CENTRE

Dear Council members

I Wayne Lundstrom request to be put on your Council meeting agenda for September 12 meeting.

This is regards to the use and care of predestines & bicyclists.

In the down town core it has become danger to seniors as well as the handicapped

Please may I opportunity to my view point as well as an offer, in how we as the town & public solve this serious issue.

Thank you

Yours Truly

A handwritten signature in cursive script, appearing to read 'Wayne Lundstrom'.

Wayne Lundstrom (res.)

(807) 276 5223

September 14, 2016

Report To: Planning and Development Executive Committee

From: Operations and Facilities Executive Committee

RE: Request to rent property for the purpose of cash crops

The property being considered is at the corner of McIrvine Road and Frog Creek Road as well as a portion of the Airport property. In the past the Airport property was cut for hay under agreement with Cornell Farms from September 1, 2006 to September 1, 2016. The property known as 1003 Frog Creek Road has been cut for hay by the neighboring property owners, Mr. & Mrs. Schmid, under agreement, from April 1, 2008 to March 31, 2018. In 2010 Copperlight LP (Sky Power) began discussions with the Town to erect a solar farm on the property and entered an option agreement with the Town to lease the property for this purpose. In July of 2016 this agreement was terminated incomplete.

The use of the Airport property has to be with consideration of the safety of air traffic and the potential of any crops being planted which would entice animals airside, specifically birds. A further evaluation of the proposed cash crops would have to be completed to understand the implications with growing these types of crops within an airport setting. The use of the Airport property has recently been discussed with the Airport Supervisor, Tom Batiuk where the extents of the land being harvested was discussed. It would be preferable to work-up and harvest a larger amount of the airport land so as to cut down on the amount of grass required to be cut by the Airport Operations staff on an ongoing basis.

The 1003 Frog Creek Road property is zoned Resource Development which permits the agricultural use. The current use agreement for 1003 Frog Creek Road terminates March 31, 2018 or by 30 days written notice by either party. On September 14, 2016 I spoke with Mrs. Schmid about the agreement, that a request had been received by Council and the potential sale of their property and they were open to terminating the agreement should someone be interested in working that land. They have allowed Cornell Farms to harvest that land as they no longer have horses at their property so they have no need for the hay. There has been no harvest in the 2016 year which shows that there may no longer be an appetite by Cornell's to cut this property.

Based on the previous agreement, 1003 Frog Creek Road was approximately 37ac of harvested area with approximately 100 ac available and the Airport has approximately 118 ac available to be harvested. Both properties would have to be evaluated to determine the final amount of useable lands to be planted and harvested. It is the recommendation of the Operations and Facilities Division to evaluate the properties to determine the amount of land available to work up and further discuss the crops that Mr. Esselink is interested in planting to ensure that there will not be an adverse effect to the Airport Operations. Once this is complete a counter proposal will be brought back to Planning and Development before being taken to Mr. Esselink. Should Mr. Esselink be satisfied with the evaluation of available property and constraints in crop type, the drafting of a land use agreement will follow.

Respectfully Submitted

Paul Ryan, Chair
Operations & Facilities Executive Committee

2016SeptRequestForLandUse1003FrogCreek

September 16, 2016

Report To: Mayor and Council

From: Travis Rob, Manager of Operations & Facilities

SUBJECT: Airport Property – Land Lease Private Aircraft Hangars

Please find attached written notice from Mr. William Pruys where he wants to cancel his private land lease for a private hangar as of September 7, 2016. Mr. Pruys's lease was renewed on April 2, 2014 where the annual lease fee was \$1.70 per square meter plus HST. The current rate for hangar leases are 1.76 per square meter plus HST.

Also please find attached a report from Tom Batiuk, Airport supervisor stating that Mr. Pruys has sold his hangar to Mr. Shane Pope who is requesting to enter into a land lease agreement for a private hangar (previous hangar lot leased by Mr. William Pruys). The new lease would be charged at the current 2016 rate beginning on January 1, 2017.

The Operations & Facilities Executive Committee recommends the following;

- 1) That the Town terminate the land lease agreement with Mr. William Pruys for a 300 square meter private hangar lot as of September 7, 2016.
- 2) That the Town enter into a 25 year land lease agreement with Mr. Shane Pope for a 300 square meter hangar lot as of September 8, 2016.
- 3) That the Mayor and Clerk be authorized to execute the land lease agreement with Mr. Shane Pope on behalf of the Corporation of the Town of Fort Frances.

Respectfully submitted,
Operations & Facilities Division



Travis Rob, EIT
Manager of Operations & Facilities

Council Approval of this report will ensure the following:

- 1) That the Town terminate the land lease agreement with Mr. William Pruys for a 300 square meter private hangar lot as of September 7, 2016.
- 2) That the Town enter into a 25 year land lease agreement with Mr. Shane Pope for a 300 square meter hangar lot as of September 8, 2016.
- 3) That the Mayor and Clerk be authorized to execute the land lease agreement with Mr. Shane Pope on behalf of the Corporation of the Town of Fort Frances.

2016SeptairportlandleaseagreementsPope

RECOMMENDED

SEP 21 2016

DIR. MNG.

EXECUTIVE COMM.

August 30, 2016

To: Town of Fort Frances
320 Portage Avenue
Fort Frances, Ontario P9A 3P9

ATTENTION: Tom Batiuk

From: William Pruys
RMB 253, Hill Road
Fort Frances, Ontario P9A 3M2

Re: Hangar Lot Lease – Slip #6489

Please be advised that I have sold my hangar located at the Fort Frances Airport on the above site. I am requesting that the name on the land lease agreement between the Town of Fort Frances and myself be changed to "Town of Fort Frances and Shane Pope" as soon as possible.


William J Pruys

2016-09-16

To: Travis Rob, O&F Facilities Manager

From: Tom Batiuk, Airport Supervisor

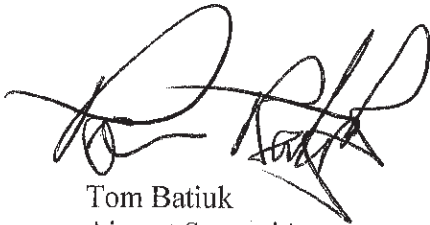
Re: 2017 Lease changes with Shane Pope and William Pruys

Under section 3.05 in the lease document with William Pruys it states:

3.05 TERMINATION

The parties hereto agree that the Lessee may terminate this Lease Agreement upon giving the Lessor **one year's written notice** provided such notice will be effective as of the First (1st) day of January in the next year following.

Since we have a new tenant that is willing to take over the lease with no loss in revenue to the Town. It is my recommendation to Town Council that we waive this portion of the lease with William Pruys and that Town Council considers his lease terminated with no further actions required. Please see attached new lease documents for Shane Pope in a private lease with a letter from William Pruys requesting that his lease be terminated. William Pruys' lease is paid to December 31st, 2016. Shane Pope's lease will commence on January 1st, 2017 assessed at the 2016 rate for a period of 5 years. This has to be completed in this format as ownership is changing hands later this month even though the lease is paid for the rest of the year. Thank you,

A handwritten signature in black ink, appearing to read 'Tom Batiuk', with a stylized, cursive script.

Tom Batiuk
Airport Supervisor

September 19, 2016

Report To: Mayor and Council

From: Travis Rob, Manager of Operations & Facilities

SUBJECT: Airport Property – Land Lease Private Aircraft Hangars

Please find attached written notice from Mr. Ed Tetu where he wants to cancel his private land lease for a private hangar as of March 31, 2017. Mr. Tetu's lease was renewed on April 2015 where the annual lease fee was \$1.74 per square meter plus HST. The current rate for hangar leases are 1.76 per square meter plus HST.

Also please find attached a report from Tom Batiuk, Airport supervisor stating that Mr. Tetu has sold his hangar to Mr. Todd Laugheed who is requesting to enter into a land lease agreement for a private hangar (previous hangar lot leased by Mr. Ed Tetu). The new lease would be charged at the current 2016 rate beginning on April 1, 2017.

The Operations & Facilities Executive Committee recommends the following;

- 1) That the Town terminate the land lease agreement with Mr. Ed Tetu for a 300 square meter private hangar lot as of March 31, 2017.
- 2) That the Town enter into a 25 year land lease agreement with Mr. Todd Laugheed for a 300 square meter hangar lot as of April 1, 2017.
- 3) That the Mayor and Clerk be authorized to execute the land lease agreement with Mr. Todd Laugheed on behalf of the Corporation of the Town of Fort Frances.

Respectfully submitted,
Operations & Facilities Division



Travis Rob, EIT
Manager of Operations & Facilities

Council Approval of this report will ensure the following:

- 1) That the Town terminate the land lease agreement with Mr. Ed Tetu for a 300 square meter private hangar lot as of March 31, 2017.
- 2) That the Town enter into a 25 year land lease agreement with Mr. Todd Laugheed for a 300 square meter hangar lot as of April 1, 2017.
- 3) That the Mayor and Clerk be authorized to execute the land lease agreement with Mr. Todd Laugheed on behalf of the Corporation of the Town of Fort Frances.

2016SeptairportlandleaseagreementsLaugheed

RECOMMENDED

SEP 21 2016

DIV. MNG.

EXECUTIVE COMM.

2016-09-16

To: Travis Rob, O&F Facilities Manager

From: Tom Batiuk, Airport Supervisor


Re: 2017 Lease changes with Todd Lougheed and Ed Tetu

Under section 3.05 in the lease document with Ed Tetu it states:

3.05 TERMINATION

The parties hereto agree that the Lessee may terminate this Lease Agreement upon giving the Lessor **one year's written notice** provided such notice will be effective as of the First (1st) day of January in the next year following.

Since we have a new tenant that is willing to take over the lease with no loss in revenue to the Town. It is my recommendation to Town Council that we waive this portion of the lease with Ed Tetu and that Town Council considers his lease terminated with no further actions required. Please see attached new lease documents for Todd Lougheed in a private lease with a letter from Ed Tetu requesting that his lease be terminated. Ed Tetu's lease is paid to March 31st, 2017. Todd Lougheed's lease will commence on April 1st, 2017 assessed at the 2016 rate for a period of 5 years. This has to be completed in this format as ownership is changing hands in June of 2016 even though the lease is paid for the rest of the year. Thank you,



Tom Batiuk
Airport Supervisor

G.E. Tetu
PO Box 52
Stratton, ON P0W 1N0
April 4, 2016

Tom Batiuk
Airport Supervisor
Fort Frances Airport
1300 Frog Creek Road
Fort Frances, ON.

Dear Tom:

As per our telephone conversation this morning, I have sold the hanger to Todd
Lougheed of Nestor Falls.

Apparently, his plan is to move one of his aircraft to Fort Frances in order to have access
to a hard surface runway that is maintained and available all year.

As discussed, please have the lease transferred to his name. I have paid for this year and
he has reimbursed me.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Ed Tetu', written in dark ink.

Ed Tetu

September 16, 2016

Report To: Mayor and Council

From: Travis Rob, Manager of Operations & Facilities

RE: Surplus Equipment – Wastewater Treatment Plant and Public Works Shop

Under the Town procurement policy all materials no longer needed by the Town of Fort Frances shall be declared surplus and sold by suitable means. Please find attached to this report a report from Doug Herr, Environmental and Facilities Superintendent regarding the dewatering equipment removed from the waste water Treatment Plant through the capital upgrades on going at that site. Also please find attached to this report a report from Milt Strachan, Transportation Superintendent regarding the vehicle hoist removed from the Public Works Shop. All items are in fairly good condition and could be utilized by others, however have to be removed from the site and protected from the weather in a short timeline which is why these items are being sold outside a typical surplus asset sale. These items will be advertised and sold via sealed bid process.

It is the recommendation of the Operations and Facilities Executive Committee that the items, as outlined in the attached reports be declared surplus and further the items are advertised for sale and sold by way of a sealed bid submission.

Respectfully Submitted



Travis Rob, EIT

Manager of Operations & Facilities

2016SeptemberSurplusItems

| |
|---|
| <p>Council Approval of this report will agree with the recommendation of the Operations and Facilities Executive Committee that the items, as outlined in the attached reports be declared surplus and further the items are advertised for sale and sold by way of a sealed bid submission.</p> |
|---|

September 16, 2016

Report To: Travis Rob, Manager of Operations & Facilities

From: Douglas Herr, Environmental & Facilities Superintendent

SUBJECT: Surplus Equipment – Wastewater Treatment Plant

The Town has retained Kingdom Construction Ltd. to replace the Screen and Biosolids Dewatering Equipment at the Wastewater Treatment Plant. The equipment being replaced is still in fairly good condition and can potentially be used by another plant. In order to sale off this equipment the Town will have to deem it as surplus equipment. These are the pieces of equipment:

Sludge Pump: "Seepex" sludge pump – S/N: DFV160M4BN15NR

Screen/Compactor: "ARLAT" – Model SCS 390

Polymer System: "AccuRate" Bulk Solids Metering – S/N: 23292-01A-580

Gravity Belt Thickner (GBT): "ANDRITZ" - Machine No. 1.0GBT 9619

All have some associated piping and electrical components.

If you have any questions please contact the undersigned.

Respectfully submitted,



Doug Herr
Environmental & Facilities Supt.

September 19, 2016

Report To: Travis Rob, Manager of Operations and Facilities

From: Milt Strachan, Transportation Superintendent

SUBJECT: Surplus Equipment – Public Works

The Town has purchased a new Rotary Lift Vehicle Hoist Model #SM18L with 18,000 pound capacity from Stephenson Equipment Ltd. out of Winnipeg, Manitoba.


The equipment being replaced can be refurbished and used in a private shop or as parts for a similar model already in use.

This piece of equipment is as follows:

Rotary Light Vehicle Hoist
Model Number SM121
12,000 Pound Lift Capacity

If you have any questions please contact the undersigned.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Milt Strachan', written in a cursive style.

Milt Strachan
Transportation Superintendent

August 18, 2016

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

Attention: Mr. Doug Herr
Environmental and Facilities Superintendent

Dear Doug:

**Re: Fort Frances Wastewater Treatment Facility
July 2016 Monthly Report**

As per the operating agreement, the attached document is the July 2016 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. Larry Wachter – Operations Manager.

Yours truly,



Kelly Cunningham
Senior Operator

For Larry Wachter
Operations Manager

**The Corporation of the Town of Fort Frances
Wastewater Treatment Plant
(Sewage Plant)
July 2016 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 2016; 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 2016 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 | 15.2 kg/d | 225 kg/d | 135 kg/d |
| Total Suspended Solids | 4.0 mg/L | 25 mg/L | 15 mg/L | 32.0 kg/d | 225 kg/d | 135 kg/d |
| Total Phosphorus | 0.18 mg/L | 1.0 mg/L | 0.9 mg/L | 1.5 kg/d | 9 kg/d | 8.1 kg/d |
| Total Nitrogen Nitrate Nitrogen | 8.38 mg/L 7.04 mg/L | | | | | |
| Total Cl ₂ Residual | | <0.01 mg/L (when in use) | | | | |
| E-Coli | | 6.3 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 7.6 to 8.0; average pH was 7.8 | | |
| Temperature degrees C | | | | Temperatures ranged from 13.0 to 16.0 C; average temperature of effluent was 14.7 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 8142.5 m³/day. This represents 90% of the design average flow. Total treated flow for the month was 252416 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.

INVENTORY

| Chemical | End of Month Status | Units |
|--------------|-------------------------------|------------------|
| Hypochlorite | 830 +/- @ 7.0% + 410 @ 12% | Litres |
| Alum | 9.8 +/- @ 60 % | Cubic meters |
| Polymer | 2 Bags (50 kg) | Bags (25 kg/bag) |

MAINTENANCE

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

Treatment Plant:

- Alternated lead/lag pumps
- Adjusted fluidizing water to head cell and grit snail as needed
- Greased GBT, mechanical bar screen and grit snail. Lubricated drive chain on grit snail and bar screen
- Regular cleaning of head works EW basket strainer
- Regular cleaning of seal water strainer TFP 9-5
- Pumped out sump in digester valve chamber
- Removed rag ball from clarifier 2 inlet weir
- Cleaned polymer fittings and hoses
- Removed 1 link from clarifier 1 longitudinal drive chain
- Hosed and swept UV banks
- Cleaned DO probes
- Replaced shear pin longitudinal collector drive 1
- Replaced UV bulbs and acid washed sleeves bank B (2)
- Installed new level sensor old digester
- Replaced the pressure relief valve blower 4
- Installed a battery box on small dump trailer

Pump Stations:

- Ran gensets
- Changed seal water strainers
- Cleaned bar screens
- Pulled and cleaned pump 1 Boundary Road lift station
- Replaced generator battery Fifth Street lift station

OPERATIONAL ISSUES

There were no operational issues in the report period.

SLUDGE SUMMARY

Asselin Transportation and Storage Limited hauled a total of 227.5 m³ of thickened digested sludge to the Town of Fort Frances landfill site.

COMPLAINTS

There were no complaints during the report period.

BYPASS REPORT(S)

There were no bypass events in the report period.

COMMENTS

Plant power consumption for the month was 732 (x 180 multiplier) kWh.
Screen and Dewatering Upgrades at the FFWWTP have been under way since May 30, 2016.
The Arlat filter screen was locked out and removed July 26th.
All influent samples were grabbed on the hour after July 26th.

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 2016 | | | | | Usage | Sludge | Removal Efficiency | | |
|-----------|------------------------|---------|-----------|-----------|---------|-------|--------|--------------------|------------------|------------------|
| | Avg. Day | Max Day | Total | Total | Total | | | CBOD5 | Suspended Solids | Total Phosphorus |
| | Flow | Flow | Treated | ByPass | Volume | | | | | |
| | m3 | m3 | Volume ML | Volume ML | ML | | | | | |
| January | 5668.1 | 5900 | 175712 | | 175712 | 63% | 249.9 | | | |
| February | 5417.8 | 5665 | 157117 | | 157117 | 60% | 251.7 | | | |
| March | 7463.4 | 12988 | 231365 | | 231365 | 83% | 212.7 | | | |
| April | 8462.4 | 10027 | 253871 | | 253871 | 94% | 228.3 | | | |
| May | 6785.5 | 8276 | 210352 | | 210352 | 75% | 241.2 | | | |
| June | 9140.5 | 18874 | 274216 | 1306 | 275522 | 102% | 217.4 | | | |
| July | 8142.5 | 11184 | 252416 | | 252416 | 90% | 227.5 | | | |
| August | | | | | | 0% | | | | |
| September | | | | | | 0% | | | | |
| October | | | | | | 0% | | | | |
| November | | | | | | 0% | | | | |
| December | | | | | | 0% | | | | |
| Sum | | | | 1306 | 1556355 | | 1628.7 | | | |
| Average | 7297 | | 222150 | | 222336 | 80% | 232.7 | | | |
| Max | | 18874 | 274216 | | 275522 | | | | | |
| C of A | 9000 | 18000 | | | | | | | | |

| | 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. | 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) | (mg/L) | (mg/L) | /100ml | | |
| January | 87.0 | 2.4 | 13.5 | 142.4 | 6.0 | 34.7 | 2.41 | 0.15 | 0.83 | | | | | 23.7 | | |
| February | 74.3 | 3.5 | 18.5 | 132.5 | 4.3 | 23.2 | 2.12 | 0.11 | 0.57 | 17.3 | 8.9 | 19.3 | | | | |
| March | 65.2 | 2.3 | 16.1 | 112.4 | 5.7 | 47.7 | 1.87 | 0.11 | 0.94 | 15.1 | 9.7 | 21.4 | | | | |
| April | 57.5 | 2.4 | 20.2 | 110.8 | 5.6 | 47.1 | 1.54 | 0.13 | 1.11 | 12.0 | 9.7 | 9.3 | | | | |
| May | 68.8 | 2.5 | 17.2 | 125.8 | 4.1 | 27.8 | 2.0 | 0.15 | 3.19 | 14.9 | 10.0 | 14.4 | | | | |
| June | 50.5 | 2.0 | 18.5 | 148.1 | 3.9 | 40.0 | 1.4 | 0.19 | 1.81 | 11.8 | 8.6 | 19.3 | | | | |
| July | 49.9 | 2.0 | 15.2 | 124.2 | 4.0 | 32.0 | 1.3 | 0.18 | 1.50 | 11.6 | 8.4 | 6.3 | | | | |
| August | | | | | | | | | | | | | | | | |
| September | | | | | | | | | | | | | | | | |
| October | | | | | | | | | | | | | | | | |
| November | | | | | | | | | | | | | | | | |
| December | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| Average | 64.7 | 2.4 | 17.0 | 128.0 | 4.8 | 36.1 | 1.8 | 0.15 | 1.42 | 13.8 | 9.2 | 16.2 | | | | |
| Max | 87 | 3.5 | 20.2 | 148.1 | 6 | 47.7 | 2.4 | 0.19 | 3.19 | 17.3 | 10 | 23.7 | | | | |
| C of A | | 25 | 225 | | 25 | 225 | | 0.9 | 8.1 | 200 | 6.0 | 200 | | | | |

Sewer & Water Data for 2016
up-dated September 15, 2016

| Month | Days per month | 2016 | 2016 | 2016 | 2016 | 2016 | 2016 | 2016 | 2016 | 2016 | 2016 | 2015 | 2015 | 2016-2015 | 2016-2015 | 2016 | 2016 |
|-----------------|-------------------|-----------------------|---------------------|-----------------------|---------------------|--------|-----------------------|---------------------|-----------------------|---------------------|--------|-----------------------|---------------------|-----------|------------|------------|---------------|
| | | Total | daily | Couch. | Couch. | Couch. | Total | daily | Couch. | Couch. | Couch. | Total | daily | Diff | Diff | Difference | Infiltration |
| | | Sewage | Sewage | Sewage | Sewage | Sewage | Treated | Treated | 2 Water | 2 Water | Water | Treated | Treated | Treated | Wastewater | STP-WTP | daily average |
| | | cu. meters monthly | cu. meters daily | 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 | 176710 | 5700.32 | 7600 | 245.16 | 4.30% | 118110.0 | 3810.0 | 16818.5 | 542.5 | 14.24% | 121570 | 3922 | -3460.0 | 15348.0 | 58600.0 | 1890.3 |
| February | 29 | 157117 | 5417.83 | 7638 | 263.38 | 4.86% | 110250.0 | 3801.7 | 16818.5 | 579.9 | 15.25% | 107690 | 3713 | 2560.0 | 16880.0 | 46867.0 | 1616.1 |
| March | 31 | 231365 | 7463.39 | 9648 | 311.23 | 4.17% | 118060.0 | 3808.4 | 15056.0 | 485.7 | 12.75% | 126450 | 4079 | -8390.0 | 57500.0 | 113305.0 | 3655.0 |
| April | 30 | 253871 | 8462.37 | 10565 | 352.17 | 4.16% | 106740.0 | 3558.0 | 15056.0 | 501.9 | 14.11% | 112830 | 3761 | -6090.0 | 85006.0 | 147131.0 | 4904.4 |
| May | 31 | 210253 | 6782.35 | 9803 | 316.23 | 4.66% | 118580.0 | 3825.2 | 10579.5 | 341.3 | 8.92% | 120100 | 3874 | -1520.0 | -32616.0 | 91673.0 | 2957.2 |
| June | 30 | 274216 | 9140.53 | 13144 | 438.13 | 4.79% | 120190.0 | 4006.3 | 10579.5 | 352.7 | 8.80% | 116430 | 3881 | 3760.0 | 55443.0 | 154026.0 | 5134.2 |
| July | 31 | 252416 | 8142.45 | 12761 | 411.65 | 5.06% | 126030.0 | 4065.5 | 9565.0 | 308.5 | 7.59% | 134840 | 4350 | -8810.0 | 72447.0 | 126386.0 | 4077.0 |
| August | 31 | | 0.00 | | 0.00 | | | 0.0 | | 0.0 | | 129900 | 4190 | -129900.0 | -183529.0 | 0.0 | 0.0 |
| September | 30 | | 0.00 | | 0.00 | | | 0.0 | | 0.0 | | 121920 | 4064 | -121920.0 | -163113.0 | 0.0 | 0.0 |
| October | 31 | | 0.00 | | 0.00 | | | 0.0 | | 0.0 | | 123450 | 3982 | -123450.0 | -159808.0 | 0.0 | 0.0 |
| November | 30 | | 0.00 | | 0.00 | | | 0.0 | | 0.0 | | 102560 | 3419 | -102560.0 | -188990.0 | 0.0 | 0.0 |
| December | 31 | | 0.00 | | 0.00 | | | 0.0 | | 0.0 | | 107110 | 3455 | -107110.0 | -189403.0 | 0.0 | 0.0 |
| Total | 366 | 1555948 | | 71159 | | | 817960 | | 94473 | | | 1424850 | 46690 | -606890.0 | -614835.0 | 737988.0 | 2016.4 |
| Monthly Average | | | | | | | | | | | | 118737.5 | 3890.9 | -50574.2 | -51236.3 | 61499.0 | 2019.5 |
| daily Average | | | | | | | | | | | | 3868.77 | | | | | |