

November 4, 2016

Report To: Mayor and Council

From: Travis Rob, Manager of Operations & Facilities


RE: 2016 Landfill Site Inspection Report by Ministry of the Environment and Climate Change

On September 23, 2016 the Ministry of the Environment and Climate Change attended the Town of Fort Frances Landfill site for the purposes of conducting a site inspection. At the conclusion of their inspection, no charges were laid, however 2 items were brought forward to be addressed and one additional item as a recommendation. Please see attached report from Doug Herr, Environmental and Facilities Superintendent and supporting information.

All items were addressed within the timelines stipulated in the inspection report and to the satisfaction of the inspector, and as of the date of this report, the burning of the wood waste pile is still suspended. Typically the wood waste pile is burned annually early in the winter after there is some snow on the ground.

This report is for information purposes only at this time and there is no action required by Mayor and Council.

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 and Facilities

<p>Council Approval of this report is not required as this report shall be considered information at this time.</p>
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Friday, November 4, 2016

Report To: Travis Rob, Manager of Operations & Facilities
From: Douglas Herr, Environmental & Facilities Superintendent
Subject: 2016 Solid Non-Hazardous Waste Disposal Site Inspection
Fort Frances Municipal Landfill
Reference Number 2413-A9PSHF

“2016 Solid Non-Hazardous Waste Disposal Site Inspection – Municipal Landfill”

Travis,

In receipt of the 2016 Inspection Report of the Fort Frances Municipal Landfill conducted by Cathy Debney, Senior Environmental Officer, Ministry of the Environment and Climate Change on September 23, 2016. There were no Orders issued however there are two (2) items identified that require resolution and one (1) recommendation. There is no action required for the MOECC recommendation unless the Town wishes to pursue it. The items requiring resolution along with an explanation of appropriate corrective action or work plan taken by the Town is outlined as follows:

1. *Effective immediately, cease burning of the wood waste pile at the landfill..*

Tom Veert Contracting has been notified the day of the inspection not to burn the wood waste pile at the landfill.

2. *By November 1, 2016, submit to the undersigned Provincial Officer a plan to address the current condition of the wood waste pile. The plan shall include:*

- a. Removing unacceptable waste types from the pile; and*
- b. Proposed measures for the overall management of the wood waste pile at the landfill*

Resolution:

On November 01, 2016 an email was sent to the undersigned officer from Tom Veert Contracting, copying myself the following:

- a. That Tom Veert Contracting had removed the unacceptable material from the wood waste pile.*
- b. a plan to minimize the potential for future contamination (unacceptable wood burning products) from being disposed of in the wood waste pile. See attached email.*

Further to this the undersigned provincial office, Cathy Debney emailed me November 3, 2016 requesting pictures of the wood waste pile to confirm the above. This same day I sent pictures to her verifying the unacceptable materials had been removed from the wood waste pile. Also attached.

If you have any questions regarding the above feel free to contact the undersigned.



Doug Herr

Attachments: Copy of MOECC Inspection Report
Copy of email – Tom Veert Contracting
Email (November 3, 2016) - Pictures

**Ministry of the Environment and
Climate Change**

Northern Region
Thunder Bay District Office
Kenora Area Office
808 Robertson St
Kenora ON P9N 1X9
Fax: (807) 468-2735
Tel: (807) 468-2729

**Ministère de l'Environnement et de
l'Action en matière de changement
climatique**

Direction régionale du Nord
Bureau du district de Thunder Bay
Bureau du secteur de Kenora
808 rue Robertson
Kenora ON P9N 1X9
Télécopieur: (807) 468-2735
Tél: (807) 468-2729



October 17, 2016

Doug Herr
The Corporation of the Town of Fort Frances
320 Portage Ave
Fort Frances, Ontario
P9A 3P9
Canada
Via E-mail

cc
Tom Veert Contracting Limited
Post Office Box 417
Fort Frances, Ontario
P9A 3M7
Canada
Via E-mail

Dear Mr. Herr

**RE: 2016 Solid Non-Hazardous Waste Disposal Site Inspection Fort
Frances Municipal Landfill
Reference Number 2413-A9PSHF**

Thank you for your cooperation during my September 23, 2016 inspection of the above noted site. A copy of the inspection report is enclosed for your review.

As a result of this inspection, the following items require your attention:

1. Effective immediately, cease burning of the woodwaste pile at the landfill.
2. By **November 1, 2016**, submit to the undersigned Provincial Officer a plan to address the current condition of the wood waste pile. The plan shall include;
 - a. removing unacceptable waste types from the pile; and
 - b. proposed measures for the overall management of the woodwaste pile at the landfill.

It is also recommended that the Township of Fort Frances retain the services of a qualified person to review all groundwater monitoring data collected from the landfill and have it accessed

against ministry Guideline B-7 - Incorporation of the Reasonable Use Concept, and procedure B-7-1 - Determination of Contaminant Limits and Attenuation Zones.

If you have any questions regarding this inspection report or Ontario's environmental legislation, please contact me at (807) 468-2729 or cathy.debney@ontario.ca.

Yours truly,

A handwritten signature in cursive script, appearing to read "C. Debney".

Cathy Debney
Senior Environmental Officer
Kenora Area Office

File Storage Number: RR FF MC 610



Solid Non-Hazardous Waste Disposal Site Inspection Report

Client:	The Corporation of the Town of Fort Frances Mailing Address: 320 Portage Ave, Fort Frances, Ontario, Canada, P9A 3P9 Physical Address: 320 Portage Ave, Fort Frances, Town, District of Rainy River, Ontario, Canada, P9A 3P9 Telephone: (807)274-9893, Extension: 306, FAX: (807)274-7360, email: dbrown@fort-frances.com Client #: 2760-4HQLGQ, Client Type: Municipal Government, NAICS: 913910 + + + + Tom Veert Contracting Limited Mailing Address: Post Office Box, 417, Fort Frances, Ontario, Canada, P9A 3M7 Physical Address: 801 8th St W, Fort Frances, Town, District of Rainy River, Ontario, Canada, P9A 3X9 Telephone: (807)275-9600, email: tomveert@vianet.ca Client #: 7504-8WCL5K, Client Type: Corporation, NAICS: 212323		
Inspection Site Address:	Fort Frances Waste Disposal Site Address: Northeast 1/4 of Section 25 Crozier Twp., Alberton, Township, District of Rainy River District Office: Kenora GeoReference: Map Datum: NAD83, Zone: 15, Accuracy Estimate: 1-10 metres eg. Good Quality GPS, Method: GPS, UTM Easting: 466503, UTM Northing: 5386746, , Site #: 7989-5QTMXW		
Contact Name:	Doug Herr	Title:	Environmental Superintendent
Contact Telephone:	(807)274-9893 ext1313	Contact Fax:	
Last Inspection Date:	2010/12/07		
Inspection Start Date:	2016/09/23	Inspection Finish Date:	2016/09/24
Region:	Northern		

1.0 INTRODUCTION

This inspection was conducted under section 156(1) of the *Environmental Protection Act* (EPA). The purpose of this inspection was to assess compliance with applicable Environmental Compliance Approval (ECA), Regulation 347, the EPA and other applicable legislation and guidelines.

Records indicate that in 1973, the Town of Fort Frances applied for an Certificate of Approval/Environmental Compliance approval and on October 14, 1975, the original provisional ECA was issued. The ECA application states that a proposed disposal of 70% domestic and 30% commercial wastes and was expected over an estimated 50 year life span with an estimated deposition of 50 tons/day. The ECA does not contain any specifics regarding operation or monitoring/reporting of the site.

The landfill is located outside of the municipal boundaries of the Town of Fort Frances on private land owned by the neighbouring Township of Alberton. Operation of the landfill is currently contracted out to Tom Veert Contracting Ltd. Curbside waste and recycling pick up is contracted to Asselin Transportation and Storage Ltd.

The landfill's hours are 9-5 Monday-Friday and 10-5 on Saturdays. The Town of Fort Frances also operates a once a

year household hazardous waste day off site in conjunction with other local municipalities

The landfill consists of a weigh scale which vehicles must go over and declare their types of wastes to the gate attendant for direction on the disposal location.

The inspection consisted of a site tour and discussion with Mr. Doug Herr and a file review. A copy of this inspection will also be provided to Tom Veert Contracting Ltd as the operator of the facility.

2.0 INSPECTION OBSERVATIONS

Certificate of Approval Number(s):

A610301, was originally issued on October 14, 1975 and renewed on April 1, 1980 to the current version.

2.1 FINANCIAL ASSURANCE:

Specifics:

As the landfill is municipally owned, financial assurance is not required.

2.2 APPROVED AREA OF THE SITE:

Specifics:

The ECA authorizes the use and operation of a 6.0 ha landfilling site.

2.3 APPROVED CAPACITY:

Specifics:

The ECA does not identify an approved capacity for this site.

According to a 2002 report prepared by KGS for the Town of Fort Frances, the estimated capacity of the site is 474,000 m³, with a remaining capacity of 249,000 m³. The most conservative estimated annual waste disposal rate in the report was 13,900 m³/year, with a life expectancy until the year 2020.

During the inspection, it was noted that the Town has undertaken an updated capacity study approx five years ago.

2.4 ACCESS CONTROL:

Specifics:

The main entrance to the site is signed and fenced with a locked gate, as well as a secondary gate is located near the scale/attendant shack. An attendant is on-site at all times when the landfill is open to the general public.

2.5 COVER MATERIAL:

Specifics:

Daily cover and compaction is occurring at this site. At the time of inspection, the main compactor was down for repairs, but the contractor was utilizing a small dozer to continue cover and compaction efforts.

Cover material is stockpiled on site. Most of the cover material is from water/sewer line replacements within the Town of Fort Frances.

2.6 WASTE BURNING:

Specifics:

There was no evidence of waste burning at the site during the inspection. The wood waste pile is typically burned in late fall/early winter on a yearly basis.

The wood waste pile at the time of the inspection was quite large and was pushed up to the surrounding bush line. The wood waste pile also contained a significant amount of wastes that are prohibited from burning in accordance with the EPA and Reg. 347 as they do not meet the requirements to be deemed wood waste, such as boats, treated dock structures with plastic floats, creosote treated timbers and household wastes.

The current condition of the wood waste pile makes it unacceptable to burn at this time.

2.7 GROUNDWATER/SURFACEWATER IMPACT:

Specifics:

The Town undertakes a voluntary annual groundwater monitoring program at six monitoring wells at the site

There were no obvious signs of surface water impact during the inspection. There is a large bog between this landfill and the adjacent industrial landfill owned/operated by Resolute Forest Products.

2.8 LEACHATE CONTROL SYSTEM:

Specifics:

There is no leachate control system required at this time.

2.9 METHANE GAS CONTROL SYSTEM:

Specifics:

There is no methane gas control system required at this time.

2.10 OTHER WASTES:

Specifics:

1. There is a very large metal pile at the landfill. Numerous tagged (ozone depleting materials removed) were observed in the pile. The landfill operators have established a separate area close to the scale shack for un-tagged refrigerants. When approx. a dozen units have been deposited, a local contractor attends the site to remove the ozone depleting substances as required by Ontario Regulation 463/10. This procedure is outlined in the tender agreement between the owner and operator.
2. Provincial Officer's Order No. 7011-9QDQKC (the Order) was issued to the Town of Fort Frances on November 7, 2014. The Order was issued as an emergency measure to address a change in sewage biosolids management at the municipal sewage plant. This Order allowed for the temporary disposal of processed organic wastes from the municipal sewage plant to the landfill until the plant could be upgraded to process biosolids on site. The Order is currently still in effect while the final stages of the project are pending completion.

3.0 REVIEW OF PREVIOUS NON-COMPLIANCE ISSUES

There were no issues on non-compliance identified in the last inspection.

4.0 SUMMARY OF INSPECTION FINDINGS (HEALTH/ENVIRONMENTAL IMPACT)

Was there any indication of a known or anticipated human health impact during the inspection and/or review of relevant material, related to this Ministry's mandate?

No

Specifics:

Was there any indication of a known or anticipated environmental impact during the inspection and/or review of relevant material ?

No

Specifics:

Was there any indication of a known or suspected violation of a legal requirement during the inspection and/or review of relevant material which could cause a human health impact or environmental impairment ?

No

Specifics:

Was there any indication of a potential for environmental impairment during the inspection and/or the review of relevant material ?

Yes

Specifics:

1. The burn pile contains wastes that are prohibited by Reg. 347 for burning. Only clean woodwaste may be burned. Reg. 347 defines "woodwaste" as waste,
 - (a) that is wood or a wood product, including tree trunks, tree branches, leaves and brush,
 - (b) that is not contaminated with chromated copper arsenate, ammoniacal copper arsenate, pentachlorophenol or creosote, and

- (c) from which easily removable hardware, fittings and attachments, unless they are predominantly wood or cellulose, have been removed, but does not include,
- (d) an upholstered article, or
- (e) an article to which a rigid surface treatment is affixed or adhered, unless the rigid surface treatment is predominantly wood or cellulose.

Was there any indication of minor administrative non-compliance?

No

Specifics:

5.0 ACTION(S) REQUIRED

The following actions require your attention as a result of this inspection:

1. Effective immediately, cease burning of the woodwaste pile at the landfill.
2. By November 1, 2016, submit to the undersigned Provincial Officer a plan to address the current condition of the wood waste pile. The plan shall include a) removing unacceptable waste types from the pile; and b) proposed measures for the overall management of the woodwaste pile at the landfill.

6.0 OTHER INSPECTION FINDINGS

1. Please submit a copy of the most recent capacity study for the landfill as well as any groundwater monitoring data that has been interpreted by a qualified persons.
2. A large amount of recyclable materials (i.e. cardboard) were observed to be deposited in the landfill. It is recommended that recyclable materials be directed to the recycling depot.
3. Wind blown litter was observed to be at a minimum.
4. The ECA is outdated and lacks operational and monitoring conditions. There is also no Contaminant Attenuation Zone (CAZ) required by the ECA.

7.0 INCIDENT REPORT

Applicable

1173-AE7JFQ

8.0 ATTACHMENTS

Town of Fort Frances Landfill.pdf

PREPARED BY:

Environmental Officer:

Name:

District Office:

Date:

Signature

Cathy Debney

Kenora Area Office

2016/09/27



REVIEWED BY:

District Supervisor:

Name:

District Office:

Date:

Glen Niznowski

Kenora Area Office

2016/09/27

Signature:

A handwritten signature in cursive script, appearing to read "John Niznowski".

File Storage Number: RR FF MC 610

Note:

"This inspection report does not in any way suggest that there is or has been compliance with applicable legislation and regulations as they may apply to this facility. It is, and remains, the responsibility of the owner and/or the operating authority to ensure compliance with all applicable legislative and regulatory requirements"

Town of Fort Frances Landfill
A610301
Township of Alberton

By: C. Debney
Provincial Officer #1436
September 23, 2016



Attendant_Scale Shack



Boat Located in Woodwaste Pile



Boat2 in Woodwaste Pile



Creosote Treated Timbers in Woodwaste Pile



Domestic Waste



Main Gate_Sign



Metals Pile



Processed Organic Storage Site



Segregate Propane Clyinders



Segregated Untagged Refrigerants Area



Tagged Refrigerant



Unacceptable Wates in Woodwaste Pile



Woodwaste Pile1



Woodwaste Pile2



Woodwaste Pile3

Doug Herr

From: Corinne York <corinneyork@tomveert.com>
Sent: Monday, October 31, 2016 3:46 PM
To: cathy.debney@ontario.ca
Cc: Tom Veert; Doug Herr
Subject: 2016 Solid Non-Hazardous Waste Disposal Site Inspection Fort Frances Municipal Landfill

Hi Cathy,

Regarding the Fort Frances Landfill, we are not burning the wood waste pile at this time. We have checked over the waste pile and removed all unacceptable waste from the pile. Going forward, our action plan is that the landfill attendant and the scale attendant will be more diligent to regularly check and separate the unacceptable waste and ensure that only wood waste will be placed in the burn pile.

Sincerely,

Corinne York
Office Manager

Tom Veert Contracting Ltd.
PO Box 417
Fort Frances, ON P9A 3M7
Phone: 807-274-6898
Fax: 807-274-6070

Doug Herr

From: Doug Herr
Sent: Thursday, November 03, 2016 12:32 PM
To: 'Debney, Cathy (MOECC)'
Cc: Tom Veert; Corinne York
Subject: RE: 2016 Solid Non-Hazardous Waste Disposal Site Inspection Fort Frances Municipal Landfill
Attachments: IMG_1148.JPG; IMG_1149.JPG; IMG_1150.JPG; IMG_1151.JPG; IMG_1152.JPG; IMG_1153.JPG

Here you are.

Pictures 1148 (creosote timbers), 1149 (pile separation from burn pile) & 1150 (pressure treated wood – docks) are of the material pulled away from the burn pile. This material will be taken up to the garbage disposal area.

Regards,

From: Debney, Cathy (MOECC) [mailto:cathy.debney@ontario.ca]
Sent: Thursday, November 03, 2016 11:44 AM
To: Doug Herr <dherr@fortfrances.ca>
Cc: Tom Veert <tomveert@tomveert.com>; Corinne York <corinneyork@tomveert.com>
Subject: RE: 2016 Solid Non-Hazardous Waste Disposal Site Inspection Fort Frances Municipal Landfill

Thanks for the response. The only thing I need is a request if you wish to burn the wood waste pile. If you have any pictures of wood waste pile showing that the unacceptable items have been removed, would be greatly appreciated.

Let me know if you have any questions.

Thanks,

Cathy Debney

Kenora Area/Thunder Bay District
(807) 468-2729

From: Doug Herr [mailto:dherr@fortfrances.ca]
Sent: October 31, 2016 3:53 PM
To: Debney, Cathy (MOECC)
Cc: Tom Veert; Corinne York
Subject: RE: 2016 Solid Non-Hazardous Waste Disposal Site Inspection Fort Frances Municipal Landfill

Cathy,

Since the letter was addressed to me is this email from Tom Veert Contracting Ltd. good enough or would you like something from me?

Regards,

From: Corinne York [<mailto:corinneyork@tomveert.com>]
Sent: Monday, October 31, 2016 3:46 PM
To: cathy.debney@ontario.ca
Cc: Tom Veert <tomveert@tomveert.com>; Doug Herr <dherr@fortfrances.ca>
Subject: 2016 Solid Non-Hazardous Waste Disposal Site Inspection Fort Frances Municipal Landfill

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Sincerely,

Corinne York
Office Manager

Tom Veert Contracting Ltd.
PO Box 417
Fort Frances, ON P9A 3M7
Phone: 807-274-6898
Fax: 807-274-6070











