

Director's Order

Director's Order Number

1-1559727751

Director's Order Issued To

MANSTEEL NEW LISKEARD INC.
15 WEST PEARCE ST, RICHMOND HILL, ON, L4B 1E3

TROY WILSON

ELLIOT LAKE, ON, P5A 2S9

Site

Mansteel New Liskeard WDS
1107 LAKESHORE RD S, TEMISKAMING SHORES, ON, P0J 1K0

Refer to the Definitions section in Part B of this Director's Order, for the meaning of all the capitalized terms that are used in this Director's Order.

PART A - WORK ORDERED

Pursuant to my authority under **EPA | 18 | 196(1)**, I order you, jointly and severally, unless otherwise indicated, to do the following:

Item No. 1 **Compliance Due Date:** Aug-19-2026

Within 5 days of the date of issuance of this Director's Order, the Orderees shall:

1. Hire a Qualified Person to oversee the work items required in this Director's Order.
2. Provide written notification of the name and contact information of the Qualified Person retained to the Director by email at greg.ault@ontario.ca and MECP.Timmins@ontario.ca.

Item No. 2 **Compliance Due Date:** Aug-19-2026

The Orderee Troy Wilson shall commence operation of the Sewage Works to ensure that the discharge of untreated Sewage to the natural environment does not occur.

Item No. 3 **Compliance Due Date:** Feb-04-2027

The orderee Troy Wilson shall provide a copy of an updated operations manual for the Sewage Works to the Director. The operations manual update shall be completed consistent with conditions 8 (1) and 8 (2) of the ECA.

Item No. 4 Compliance Due Date: Dec-06-2027

The Orderes shall complete, to the satisfaction of the Director, the seven (7) recommendations provided in section 9.0 of the Cap Assessment.

Item No. 5 Compliance Due Date: May-05-2027

By March 31, 2027, and every year thereafter, the Orderee Troy Wilson shall provide an annual report to the Director on the operation of the Sewage Works, as per condition 10 (4) of the ECA.

Item No. 6 Compliance Due Date: Feb-04-2027

By December 31, 2026, and every year thereafter, the Orderee Troy Wilson shall conduct all monitoring and recording required in the ECA.

PART B – DIRECTOR'S REPORT

This Director's Order is being issued for the reasons set out below.

Definitions

For the purposes of this Director's Order, the following capitalized terms shall have the meanings set out below:

"Cap Assessment" means the report titled Mansteel New Liskeard Wood Waste Landfill Site Cap Assessment, prepared by R.J. Burnside & Associates Limited, and dated August 31, 2022, attached hereto as Schedule B and forming part of this Director's Order.

"Company" means Mansteel New Liskeard Inc.

"Director" means the undersigned Director or any other person as may be designated as a Director for the purposes of this Director's Order.

"Director's Order" means this Director's Order Number 1-1559727751, as it may be amended.

"ECA" means Amended Environmental Compliance Approval No. 5377-9CXPXG issued to the Company on April 29, 2014, attached hereto as Schedule A and forming part of this Director's Order.

"EPA" means the Environmental Protection Act, R.S.O. 1990, c. E.19, as amended.

"Landfill" means the landfill site, approved by Certificate of Approval No. A570403, located on the Site.

"Ministry" and "MECP" mean the Ontario Ministry of the Environment, Conservation and Parks.

"Orderees" means, collectively, the Company – Mansteel New Liskeard Inc. – and Troy Wilson.

"OWRA" means the Ontario Water Resources Act, R.S.O. 1990, c. O.40, as amended.

"Qualified Person" means a person who holds a licence, limited licence or temporary licence under the Professional Engineers Act; or a person who holds a certificate of registration under the Professional Geoscientists Act, 2000 and is a practising member, temporary member or limited member of the Association of Professional Geoscientists of Ontario.

"Sewage" has the same meaning as provided in the OWRA.

"Sewage Works" has the same meaning as provided in the OWRA.

"Site" means the property located at Lot 9 and 10, Concession 5 Bucke Township, Temiskaming Shores, Ontario, Canada having Property Identification Numbers PIN 52152-0004, PIN 52152-0008 (LT) and PIN 52152-0009 (LT).

Description of Person(s) Subject to the Director's Order

The Company is the current owner of the Site and the legal entity to whom the ECA has been issued. The Company remains bound by the requirements in a previous director's order no. 4375-ATZM9B to manage the Sewage at the Site. This Director's Order adds requirements that the

Company must comply with and imposes requirements on the orderee Troy Wilson.

Mr. Wilson is a person who had management and control of the Site. Mr. Wilson was a business associate of Arash Missaghi, the deceased director of the Company. Review of Ministry records shows a consistent history of interactions with Mr. Wilson as one with management and control of the Site and/or the Company. He has been a main contact for the Ministry on environmental issues at the Site since 2013, with increasing involvement since 2018. Review of legal documents shows that Mr. Wilson considered himself to be a principal of the Company, making decisions on behalf of the Company and directing work at the Site over many years.

Following the passing of Mr. Missaghi in June 2024, Mr. Wilson continued to exercise management and control of the Site. An email dated July 4, 2024, from legal counsel for the Company to the Ministry stated: "I just heard from Troy and he can borrow some funds to keep the generator operational for 1 more week only. As of Friday, July 12th, the site will be at a serious risk of a spill."

Mr. Wilson has had direct involvement in corporations with an interest in the Site and/or Company since at least 2018. After Mr. Missaghi's passing, several corporations transferred directorship from Mr. Missaghi to Mr. Wilson, further indicating his assumption of control over business interests connected to the Company and the Site.

Based on this evidence, Mr. Wilson is a person who had management and control of the Site within the meaning of Section 18 of the EPA.

Description of the Site and/or System/Facility

The Site is located at municipal address 1107 Lakeshore Road South, City of Temiskaming Shores, ON, P0J 1K0. The Site comprises part of the north half of broken Lot 10, Concession 5 and part of the south half of Lot 9, Concession 5, Township of Bucke, Temiskaming Shores, District of Timiskaming, PIN 52152-0004, PIN 52152-0008 (LT) & PIN 52152-0009 (LT).

The Site is located in the City of Temiskaming Shores, approximately halfway between the former municipalities of New Liskeard and Haileybury. The Site consists of approximately 38 hectares located on the western shore of Lake Timiskaming. The Site is divided by Highway 11B with the former mill facility located on the north side of the highway and a 5.4 hectare wood waste landfill, the Landfill, located on the south side of the highway.

The Site is bordered by Lake Timiskaming to the north. Dickson Creek, farm lands, and residences are located to the west of the Site. The Ontario Northland Railway and forested lands are located to the south. A commercial property, residences along Lake Timiskaming, and forested lands are located to the east.

The residences in the vicinity of the Site are not provided with municipal services and obtain water from groundwater wells or from Lake Timiskaming. The Landfill, Sewage from the Landfill, and the Site are potential sources of contamination to these private water supplies. Lake Timiskaming is also the municipal drinking water source for the former Town of Haileybury. Ongoing discharges from the Site and a possible catastrophic release of the contents of the Sewage Works would impact Lake Timiskaming and could potentially impact this municipal drinking water supply.

The Site has been used as an industrial facility for roughly a century with it originally being a sawmill operated by E. B. Eddy Company. In 1968 the facility was converted to a medium density fiberboard mill operated by Rexwood Products Limited (Rexwood). In 1999, Uniboard New Liskeard Inc. purchased the Site from Rexwood and operated the mill until the mill was permanently shut down in June 2005. The Company purchased the Site in 2012 and is responsible for the management and monitoring of the Landfill and the Sewage Works at the Site.

Initially approved by the Ministry in November 2000, a leachate collection system was constructed at the Site. In September 2008, Certificate of Approval No. 4957-7DCJBV was issued to Uniboard Canada Inc., for construction of leachate pumping stations and a leachate treatment system at the Site. This approval was re-issued as Amended Certificate of Approval No. 8413-7YXKYN in February 2010, amending the financial assurance conditions. Following the purchase of the Site by Mansteel New Liskeard Inc., the approval was issued to the Company in January 2013, as Environmental Compliance Approval No. 2478-8YPHYE. This 2013 version converted the approval to the Environmental Compliance Approval regime under the EPA, changed the owner to the Company, added a leachate evaporation and irrigation system, and updated monitoring and operating conditions. That approval was amended to allow minor modifications to previously approved dimensions and storage capacities of the leachate evaporation basin and one of the aeration ponds, and issued to the company as the ECA on April 29, 2014.

The Sewage Works was never constructed as approved by the Ministry.

Provincial Officer's Order no. 0584-9C2RTR was issued to the Company in October 2013, requiring, among other things, submission of a written action plan prepared by a consultant by April 30, 2014, and construction of the leachate treatment system by May 30, 2014. The Company did not comply and was prosecuted. A Court Order was issued to the Company on June 23, 2016, requiring the construction of the leachate treatment system by November 15, 2016. The Company did not comply with the Court Order. Director's order no. 4375-ATZM9B was issued to the Company on March 22, 2018, requiring, among other things, construction and repairs of the leachate collection system by summer and fall of 2018. The Company did not comply with the director's order and was prosecuted. On February 11, 2022, a Court Order was issued to the Company, requiring, among other things, submission of an application to amend the ECA by September 1, 2022, and construction of the amended works by September 1, 2024. The Sewage Works has not been constructed as approved by the Ministry, with the ECA ceasing to apply to those parts of the proposed works that were not constructed within five (5) years of the date of issuance of the ECA.

The Company submitted an application to amend the ECA on September 1, 2022. This amendment has not yet been approved by the Ministry due to the Company's failure to complete the required pre-submission consultation process. The Ministry is working to finalize the approval of this ECA amendment. Once the amended ECA has been issued, the Ministry will expect the Company to construct, operate, and maintain the approved Sewage Works, as required by the February 11, 2022, Court Order and will expect the orderer Troy Wilson to do the same as required by this Director's Order.

Reasons for the Director's Order

After being informed by Troy Wilson (through his counsel) on behalf of the Company in July 2024 that the Orderees were stepping away from the Site, the Ministry initiated an emergency procurement and entered into a contract with an environmental consultant to manage leachate at the Site. A subsequent competitive procurement was undertaken by the Ministry, leading to the signing of an agreement with a different contractor on October 13, 2025. This contract is still active. As per Director's Order No. 1-207234986 issued to the Company on July 11, 2024, financial assurance is being used to fund the Ministry's work at the Site.

The Ministry sent a letter to Mr. Wilson on March 25, 2025 requesting a response by April 4, 2025, outlining the steps to be taken by Mr. Wilson to manage the Site, including a timeline for implementation, to bring the site into compliance with Director's Order No. 4375-ATZM9B and the Court Order issued on February 11, 2022. The response received from Mr. Troy's legal counsel on May 20, 2025, indicated that Mr. Wilson was not willing to comply with the Ministry's requirements voluntarily. This Director's Order is the Ministry's response to the May 20, 2025, letter and complete lack of action by the Orderees.

The requirements in Part A of this Director's Order must be undertaken in order to protect the natural environment and critical infrastructure and to prevent, decrease or eliminate the potential for adverse effects.

Authority to Issue the Director's Order

I am issuing this Director's Order under Section 18 and 196(1) of the EPA.

I have reasonable and probable grounds to believe the requirements specified in this Director's Order are necessary or advisable so as:

- a) to prevent, or reduce the risk of any discharge of contaminants into the natural environment from the Site, or
- b) to prevent, decrease or eliminate an adverse effect, that may result from:
 - i) the discharge of a contaminant from the Site, or
 - ii) the presence of a discharge of a contaminant in, on or under the Site.

Attachments

The attachments listed below, if any, form part of this Director's Order:

- 1) Schedule A – Leachate Treatment Environmental Compliance Approval No. 5377-9CXPXG
- 2) Schedule B – Mansteel New Liskeard Wood Waste Landfill Site Cap Assessment.

ISSUING DIRECTOR

Name: Greg Ault

Job Title: District Manager

Badge Number: 2077

Address: 191 BOOTH ROAD, UNIT 16, NORTH BAY, ON, P1A 4K3

Director Email: greg.ault@ontario.ca

Office Email: MECP.Timmins@ontario.ca

Date: Aug 14, 2026

Signature:



APPEAL TO THE ONTARIO LAND TRIBUNAL INFORMATION

REQUEST FOR HEARING

You may require a hearing before the Ontario Land Tribunal if, within 15 days of service of this Director's Order, you serve written notice of your appeal on the Ontario Land Tribunal and the Director at the addresses indicated under the Contact Information heading below. Your notice of appeal must state the portions of this Director's Order for which a hearing is required and the grounds on which you intend to rely at the hearing. If notice of the proposal to issue this Director's Order was given to the public on the Environmental Registry, the Minister of the Environment, Conservation and Parks will place notice of your appeal on the Environmental Registry.

CONTACT INFORMATION

Registrar
Ontario Land Tribunal
655 BAY STREET, SUITE 1500
TORONTO, ON M5G 1E5
Email: OLT.Registrar@ontario.ca

and

Director
Ministry of the Environment,
Conservation and Parks
Timmins District Office
5520 HWY 101 E, SOUTH PORCUPINE
TIMMINS, ON P0N 1H0
Office Email: MECP.Timmins@ontario.ca
Fax: (705) 235-1520

Further information regarding the requirements and procedures of the Ontario Land Tribunal can be obtained directly from the Tribunal at:

Tel: (416) 212-6349, Toll Free: 1(866) 448-2248 or www.olt.gov.on.ca

SERVICE INFORMATION

Service of the documentation referred to above can be made personally, by mail, by fax (in the case of the Director only), by commercial courier or by email in accordance with the legislation under which this Director's Order is made and any corresponding service regulation.

ADDITIONAL INFORMATION

Unless stayed by the Ontario Land Tribunal, this Director's Order is effective from the date of service.

Failure to comply with a requirement of this Director's Order constitutes an offence. Unless otherwise indicated, the obligation to comply with a requirement of this Director's Order continues on each day after the specified compliance date until the obligation has been satisfied.

The requirements of this Director's Order are minimum requirements only and do not mean that you are not required to comply with any other applicable legal requirements, including any:

- statute, regulation, or by-law;
- federal, provincial, or municipal law; or
- applicable requirements that are not addressed in this Director's Order.

The requirements of this Director's Order are severable. If any requirement of this Director's Order, or the application of any requirement to any circumstance, is to be held invalid or unenforceable, such finding does not invalidate or render unenforceable the requirement in other circumstances. It also does not invalidate or render unenforceable the other requirements of this Director's Order.

Further orders may be issued in accordance with the legislation as may be appropriate.

This Director's Order is binding upon any successors or assignees of the persons to whom this Director's Order is issued.

The procedures to request a hearing and an appeal of this Director's Order and other information provided above are intended as a guide. The legislation should be consulted for additional details and accurate reference. Further information can be obtained from e-Laws at www.ontario.ca/laws.

Schedule A

Leachate Treatment Environmental Compliance Approval No. 5377-9CXPXG

AMENDED ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 5377-9CXPXG

Issue Date: April 29, 2014

Mansteel New Liskeard Inc.
25 Mallard Rd
Toronto, Ontario
M3B 1S4

Site Location: Uniboard Landfill Site
Highway 11B
Lot 9 and 10, Concession 5
Temiskaming Shores City, District of Timiskaming
P0J 1K0

You have applied under section 20.2 of Part II.1 of the Environmental Protection Act, R.S.O. 1990, c. E. 19 (Environmental Protection Act) for approval of:

A leachate collection system, an off-site leachate disposal system, and leachate treatment system to service the Uniboard Landfill Site located in the City of Temiskaming Shores, District of Temiskaming, consisting of the following:

PROPOSED WORKS:

Minor modifications to previously approved dimensions and storage capacities of the leachate evaporation basin and one of the aeration ponds (Pond 1) as shown in the descriptions below:

Leachate Evaporation System

- one (1) 283 m³ storage capacity evaporation basin having approximate dimensions of 38.1 m long x 24.4 m wide x 0.4 m deep and 3H:1V side slopes, designed to operate at 0.20 m water depth, equipped with 5.0 m wide emergency overflow, receiving leachate from leachate pumping station (PS2) through 38 mm and 51 mm diameter pipes;

Leachate Treatment System

- one (1) aeration pond (**Pond 1**) operating in series with **Pond 2** described below, having a 7,337 m³ holding capacity, approximate top dimension of 74 m x 46 m, bottom dimension of 50 m x 22 m, side slopes of 3H:1V, operating depth of 3.7 m, a freeboard of 0.3 m, and lined with a geosynthetic clay liner, equipped with an aeration system consisting of one (1) submerged lateral equipped with fine pore diffusers anchored to the bottom of the aeration pond, discharging by gravity to (or via pump if final design dictates) constructed surface flow wetlands described below;

- including all controls and associated appurtenances.

All in accordance with the supporting documentation listed in Schedule 'A'.

PREVIOUS WORKS APPROVED ON JANUARY 3, 2013 UNDER ECA # 2478-8YPHYE:

Leachate Evaporation and Irrigation System

leachate evaporation system and leachate irrigation system consisting of the following:

- one (1) 5 hp gas powered portable pump conveying leachate from evaporation basin through 38 mm and 51 mm diameter pipes to irrigation zones described below;
- one (1) 13 m³ storage capacity leachate holding tank equipped with two (2) float switches and PLC controller, receiving leachate from leachate pumping station (PS2) through 38 mm and 51 mm diameter pipes and draining by gravity to irrigation zones described below:
- four (4) irrigation headers consisting of approximately 50 m long 51 mm diameter PVC pipes with multiple nozzles on each header;
- four (4) irrigation zones located on top of the landfill site consisting of 12510 m² Zone 1, 7460 m² Zone 2, 8670 m² Zone 3, and 5210 m² Zone 4, each irrigation zone equipped with portable irrigation header; and
- including all controls and associated appurtenances.

All in accordance with the supporting documentation listed in Schedule 'A'.

PREVIOUS WORKS APPROVED ON SEPTEMBER 12, 2008 UNDER CofA No. 4957-7DCJBV:

constructing a leachate collection and treatment system with a *Rated Capacity* of 40 m³/day to service the Uniboard Landfill Site located in the City of Temiskaming Shores, District of Temiskaming, discharging to Lake Temiskaming, consisting of the following:

Leachate Pumping Stations

- one (1) leachate pumping station (PS1) including two (2) 1.3 L/sec capacity submersible leachate pumps (one duty, one standby) in 1.5 m diameter 5.75 m deep concrete pump well, discharging through approximately 350 m long 38 mm diameter HDPE forcemain and a common approximately 120 m long 50 mm diameter HDPE forcemain to an aeration pond described below;
- one (1) leachate pumping station (PS2) including two (2) 1.3 L/sec capacity submersible leachate pumps (one duty, one standby) in 1.5 m diameter 5.75 m deep concrete pump well, discharging through approximately 50 m long 38 mm diameter HDPE forcemain and a common approximately 120 m long 50 mm diameter HDPE forcemain to an aeration pond and leachate storage tanks for off-

site disposal described below; and

- including all controls, instrumentation, and appurtenances.

Leachate Treatment System

- two (2) 236 L/sec (510 scfm) capacity 25 hp air blowers delivering air through approximately 140 m long 200 mm diameter HDPE pipe to an aeration system described below;
- one (1) aeration pond (**Pond 2**) operating in series with **Pond 1** described above, having a 7,650 m³ holding capacity, approximate top dimension of 65 m x 65 m, bottom dimension of 33 m x 33 m, side slopes of 3H:1V, operating depth of 3.7 m, a freeboard of 0.3 m, and lined with a geosynthetic clay liner, equipped with an aeration system consisting of one (1) submerged lateral equipped with fine pore diffusers anchored to the bottom of the aeration pond, discharging by gravity to (or via pump if final design dictates) constructed surface flow wetlands described below;
- two (2) constructed surface flow wetlands with a total area of 1.4 ha and total water surface area of 1.0 ha operating in series; each cell having an average operating depth of 0.5 m, overall dyke depth of 2.0 m, side slopes of 3H:1V, equipped with three (3) or four (4) deep zones, and planted with narrow leaf cattail and common cattail, the last cell equipped with one (1) effluent discharge gate valve, discharging by gravity to an effluent outfall described below; and
- one (1) approximately 360 m long 100 mm diameter HDPE effluent outfall pipe extending from the wetlands through a 1.2 m diameter culvert under Highway 11B along an intermittent streambed to the shores of Lake Temiskaming, then in a northerly direction along bed of Lake Temiskaming past the Uniboard Peninsula, secured at the bed of Lake Temiskaming with bolt-on concrete weights, discharging through a single port diffuser ensuring that the depth of water above the diffuser is greater than 3.0 m; and
- including all controls and associated appurtenances;

All in accordance with the supporting documentation listed in Schedule 'A'.

PREVIOUS WORKS APPROVED ON NOVEMBER 9, 2000:

Leachate Collection System and Off-Site Disposal

- a leachate collection system for Site 2 and Site 3 consisting of a 150 mm diameter perforated HDPE pipe, discharging to leachate pumping station PS1 described above;

- a leachate collection system for Site 1 consisting of a 150 mm diameter perforated HDPE pipe discharging to leachate pumping station PS2 described above;
- five (5) leachate storage tanks with a total storage capacity of 149 m³, two (2) leachate storage tanks with a total storage capacity of 9 m³, and eight (8) leachate storage totes each with a storage capacity of 1.0 m³ (collectively providing a total of 166 m³ leachate storage capacity) receiving leachate from pumping station PS2 described above for off-site disposal in a licensed sewage works; and
- including associated piping, valves, level controls, electrical, control systems, and appurtenances.

All in accordance with the supporting documentation listed in Schedule 'A'.

For the purpose of this environmental compliance approval, the following definitions apply:

" *Approval* " means this entire document and any schedules attached to it, and the application;

" *Average Daily Flow* " means the cumulative total sewage flow to the sewage works during a calendar year divided by the number of days during which sewage was flowing to the sewage works that year;

" *Director* " means a person appointed by the Minister pursuant to section 5 of the *EPA* for the purposes of Part II.1 of the *EPA*.

" *District Manager* " means the District Manager of the North Bay District Office District Office;

" *EPA* " means the Environmental Protection Act , R.S.O. 1990, c.E.19, as amended;

" *Ministry* " means the ministry of the government of Ontario responsible for the *EPA* and *OWRA* and includes all officials, employees or other persons acting on its behalf;

" *Owner* " means Mansteel New Liskeard Inc. and its successors and assignees;

" *OWRA* " means the Ontario Water Resources Act , R.S.O. 1990, c. O.40, as amended;

" *Previous Works* " means those portions of the sewage works previously constructed and approved under an *Approval* ;

" *Proposed Works* " means the sewage works described in the *Owner's* application, this *Approval*, and to the extent approved by this *Approval* ;

" *Regional Director* " means the Regional Director of the Northern Region of the *Ministry* ;

" *Works* " means the sewage works described in the *Owner's* application and this *Approval* and includes both *Previous Works* and *Proposed Works* ;

You are hereby notified that this environmental compliance approval is issued to you subject to the terms and conditions outlined below:

TERMS AND CONDITIONS

PART I - GENERAL

1. GENERAL PROVISIONS

(1) The *Owner* shall ensure that any person authorized to carry out work on or operate

any aspect of the *Works* is notified of this *Approval* and the conditions herein and shall take all reasonable measures to ensure any such person complies with the same.

(2) Except as otherwise provided by these conditions, the *Owner* shall design, build, install, operate and maintain the *Works* in accordance with the description given in this *Approval*, and the application for approval of the *Works*.

(3) Where there is a conflict between a provision of any submitted document referred to in this *Approval* and the conditions of this *Approval*, the conditions in this *Approval* shall take precedence, and where there is a conflict between the listed submitted documents in the schedule, the document bearing the most recent date shall prevail.

(4) Where there is a conflict between the documents listed in the Schedule and the application, the application shall take precedence unless it is clear that the purpose of the document was to amend the application.

(5) The conditions of this *Approval* are severable. If any condition of this *Approval*, or the application of any condition of this *Approval* to any circumstance, is held invalid or unenforceable, the application of such condition to other circumstances and the remainder of this *Approval* shall not be affected thereby.

2. EXPIRY OF APPROVAL

The approval issued by this *Approval* will cease to apply to those parts of the *Proposed Works (Leachate Treatment System)* which have not been constructed within five (5) years of the date of this *Approval*.

3. CHANGE OF OWNER

(1) The *Owner* shall notify the *District Manager* and the *Director*, in writing, of any of the following changes within thirty (30) days of the change occurring:

(a) change of *Owner*;

(b) change of address of the *Owner*;

(c) change of partners where the *Owner* is or at any time becomes a partnership, and a copy of the most recent declaration filed under the Business Names Act , R.S.O. 1990, c.B17 shall be included in the notification to the *District Manager*;

(d) change of name of the corporation where the *Owner* is or at any time becomes a corporation, and a copy of the most current information filed under the Corporations Information Act , R.S.O. 1990, c. C39 shall be included in the notification to the *District Manager*;

(2) In the event of any change in Ownership of the *Works*, other than a change to a successor municipality, the *Owner* shall notify in writing the succeeding Owner of the existence of this *Approval*, and a copy of such notice shall be forwarded to the *District Manager* and the *Director*.

PART II - LEACHATE COLLECTION AND LEACHATE OFF-SITE DISPOSAL

4. LEACHATE MONITORING AND RECORDING

The *Owner* shall carry out the following monitoring program **during off-site leachate disposal periods** :

(1) All samples and measurements taken for the purposes of this *Approval* are to be taken at a time and in a location characteristic of the quality and quantity of the effluent stream over the time period being monitored.

(2) For the purposes of this condition, the following definitions apply:

- (a) Daily means once each day; and
- (b) Monthly means once every month.

(3) Samples shall be collected at the following sampling points, at the frequency specified, by means of the specified sample type and analyzed for each parameter listed and all results recorded:

Table 1 - Raw Leachate Monitoring		
Sampling Point: Leachate Off-site Disposal Outlet		
Effluent Parameter	Frequency	Sample Type
Aluminum	Monthly	Composite
Arsenic	Monthly	Composite
Barium	Monthly	Composite
Boron	Monthly	Composite
Cadmium	Monthly	Composite
Chromium	Monthly	Composite
Copper	Monthly	Composite
Iron	Monthly	Composite
Potassium	Monthly	Composite
Magnesium	Monthly	Composite
Manganese	Monthly	Composite
Sodium	Monthly	Composite
Strontium	Monthly	Composite
Fluoride	Monthly	Composite
Chloride	Monthly	Composite
Nitrite-N	Monthly	Composite
Nitrate-N	Monthly	Composite
Phosphate	Monthly	Composite
Sulphate	Monthly	Composite
Alkalinity (CaCO ₃)	Monthly	Composite
BOD ₅	Monthly	Composite
Total Dissolved Solids	Monthly	Composite
Total Kjeldhal Nitrogen (TKN)	Monthly	Composite
(Ammonia + Ammonium)	Monthly	Composite

Nitrogen		
COD	Monthly	Composite
DOC	Monthly	Composite
Phenols	Monthly	Composite
Tannin & Lig.	Monthly	Composite
Hardness (CaCO ₃)	Monthly	Composite
Field Temperature	Monthly	Grab
Field pH	Monthly	Grab
Field Conductivity	Monthly	Grab

(4) The methods and protocols for sampling, analysis and recording shall conform, in order of precedence, to the methods and protocols specified in the following:

- (a) the *Ministry*'s publication "Protocol for the Sampling and Analysis of Industrial/Municipal Wastewater" (January 1999), ISBN 0-7778-1880-9, as amended from time to time by more recently published editions;
- (b) the publication "Standard Methods for the Examination of Water and Wastewater" (21st edition), as amended from time to time by more recently published editions; and

(5) The *Owner* shall install a flow measuring device(s) to measure the volume of leachate disposed off-site from the *Works*, with an accuracy to within plus or minus fifteen (15) per cent of the actual flow rate for the entire design range of the flow measuring device and the *Owner* shall measure, record the volume of leachate on each day of disposal.

(6) The *Owner* shall retain for a minimum of three (3) years from the date of their creation, all records and information related to or resulting from the monitoring activities required by this *Approval*.

PART III - LEACHATE EVAPORATION AND IRRIGATION

5. OPERATION AND MAINTENANCE

(1) The *Owner* shall ensure that the irrigation systems are operated such that:

- (a) leachate is irrigated in the approved irrigation area **ONLY** during non freezing periods between April 15 and November 30, inclusive; and
- (b) no irrigation is to take place:

- (i) during freezing period;
- (ii) with the occurrence of rainfall or surface ponding;
- (iii) at a rate greater than 55 cubic meters per hectare of irrigation area per day;

(2) The *Owner* should ensure that the application of leachate to the approved irrigation area is carried out in a manner that maximizes evapotranspiration and allows the soil to dry out periodically.

(3) The *Owner* should ensure that whenever ponding or run-off of leachate occurs during irrigation, the irrigation of leachate to the affected area of the irrigation field is immediately terminated, and adequate time to dry out is allowed before resumption of the application of leachate to that area.

(4) The *Owner* shall ensure that the evaporation basin is operated in such a way that the maximum height of leachate stored in the basin does not exceed 0.20 m and/or the maximum volume of leachate stored in the basin does not exceed 200 m³.

(5) The *Owner* shall ensure that leachate does not overflow from the evaporation basin by maintaining adequate storage capacity to handle stormwater run-off during severe storm events.

(6) The *Owner* shall record the volume of leachate spray irrigated and the total spray irrigated area during each day of spray irrigation event.

PART IV - LEACHATE TREATMENT SYSTEM

6. EFFLUENT OBJECTIVES

(1) The *Owner* shall use best efforts to design, construct and operate the *Works* with the objective that the concentrations of the materials named below as effluent parameters are not exceeded in the effluent from the *Works*.

Table 2 - Effluent Objectives	
Effluent Parameter	Concentration Objective (milligrams per litre unless otherwise indicated)
Biological Oxygen Demand (CBOD5)	20.0
Total Suspended Solids	25.0
Total Phosphorus	0.2

Total Ammonia Nitrogen	1.0
Un-ionized Ammonia	0.15
Formaldehyde	0.005
Total Resins & Fatty Acids	0.25
Dehydroabietic Acid	0.08
Oleic Acid	0.01
Tannins/Lignins	15.0
Arsenic	0.03
Cobalt	0.009
Iron	3.0
Zinc	0.2
Zirconium	0.04

(2) The *Owner* shall use best efforts to maintain the pH of the effluent from the *Works* within the range of 6.5 to 8.5, inclusive, at all times.

(3) The *Owner* shall include in all reports submitted in accordance with Condition 10 a summary of the efforts made and results achieved under this Condition.

7. EFFLUENT LIMITS

(1) The *Owner* shall design and construct the *Works* and operate and maintain the *Works* such that the concentrations of the materials named below as effluent parameters are not exceeded in the effluent from the *Works* .

Table 3 - Effluent Limits	
Effluent Parameter	Concentration Limit (milligrams per litre unless otherwise

	indicated)
Column 1	Column 2
Biological Oxygen Demand (CBOD5)	25.0
Total Suspended Solids	30.0
Total Phosphorus	1.0
Un-ionized Ammonia	0.2
Formaldehyde	0.008
Arsenic	0.05
Acute Lethality to Rainbow Trout and <i>Daphnia Magna</i>	Non-acutely Lethal
pH of the effluent maintained between 6.0 to 9.5, inclusive, at all times	

(2) For the purposes of determining compliance with and enforcing subsection (1):

- (a) non-compliance with the *Average Concentration* is deemed to have occurred when the arithmetic mean concentration of all samples taken during a given batch discharge event analyzed for a parameter named in Column 1 of subsection (1) is greater than the corresponding average concentration set out in Column 2 of subsection (1);
- (b) non-compliance with respect to pH is deemed to have occurred when any single measurement is outside of the indicated range; and
- (c) non-compliance with respect to Acute Lethality to Rainbow Trout and *Daphnia magna* have occurred when a test performed on any grab sample collected at the sampling point results in mortality of more than 50 percent of the test organism in 100 percent effluent.

8. OPERATION AND MAINTENANCE

(1) The Owner shall prepare an operations manual prior to the commencement of operation of the sewage works, that includes, but not necessarily limited to, the following information:

- (a) operating procedures for routine operation of the *Works* ;
- (b) inspection programs, including frequency of inspection, for the *Works* and the methods or tests employed to detect when maintenance is necessary;
- (c) repair and maintenance programs, including the frequency of repair and maintenance for the *Works* ;
- (d) contingency plans and procedures for dealing with potential spill, bypasses and any other abnormal situations and for notifying the *District Manager* ; and
- (e) complaint procedures for receiving and responding to public complaints.

(2) The Owner shall maintain the operations manual up to date through revisions undertaken from time to time and retain a copy at the location of the sewage works. Upon request, the Owner shall make the manual available for inspection and copying by *Ministry* personnel.

(3) The Owner shall operate and maintain the *Works* such that the effluent from the *Works* is non-acutely lethal to Rainbow Trout and *Daphnia magna* by ensuring that each Rainbow Trout acute lethality test and each *Daphnia magna* acute lethality test performed on any grab sample collected at the effluent sampling point results in mortality for no more than 50 percent of the test organism in 100 percent effluent.

(4) The Owner shall allow the discharge of effluent from Wetland Cell 2 in **batch mode** at a flow rate not exceeding a monthly average flow of **200 m³/day** during the period between **April 15th** and **November 30th** .

(5) The Owner shall commence the seasonal discharge of effluent from Wetland Cell 2 only after ensuring that the contents of Wetland Cell 1 and Wetland Cell 2 meet the effluent limits for all the parameters listed in Table 2 with the exception of acute lethality.

9. MONITORING AND RECORDING

The *Owner* shall, upon commencement of operation of the *Works*, carry out the following monitoring program:

(1) All samples and measurements taken for the purposes of this *Approval* are to be taken at a time and in a location characteristic of the quality and quantity of the effluent stream over the time period being monitored.

(2) For the purposes of this condition, the following definitions apply:

- (a) Daily means once each day;

- (b) Weekly means once each week;
- (c) Monthly means once every month;
- (d) Quarterly means once every three months;
- (e) Semi-annually means once every six months; and
- (f) Annually means once every twelve months.

(3) Samples shall be collected at the following sampling points, at the frequency specified, by means of the specified sample type and analyzed for each parameter listed and all results recorded:

Table 4 - Influent Raw Leachate Monitoring Sampling Point: Inlet to Aeration Pond 1		
Effluent Parameter	Frequency	Sample Type
Biological Oxygen Demand (CBOD5)	Monthly	Grab
Total Suspended Solids	Monthly	Grab
Total Phosphorus	Monthly	Grab
Total Ammonia Nitrogen	Monthly	Grab
Alkalinity	Monthly	Grab
Conductivity (Field and Lab)	Monthly	Grab
Dissolved Oxygen (Field)	Monthly	Grab
pH (Field and Lab)	Monthly	Grab
Temperature (Field)	Monthly	Grab
Chemical Oxygen Demand (COD)	Semi-Annually*	Grab
Dissolved Organic Carbon (DOC)	Semi-Annually*	Grab
Total Kjeldahl Nitrogen	Semi-Annually*	Grab
Tannins/Lignins	Semi-Annually*	Grab
Formaldehyde	Semi-Annually*	Grab
Total Resins & Fatty Acids	Semi-Annually*	Grab
Dehydroabietic Acid	Semi-Annually*	Grab
Arsenic	Semi-Annually*	Grab
Iron	Semi-Annually*	Grab
Cobalt	Semi-Annually*	Grab
Zinc	Semi-Annually*	Grab
Zirconium	Semi-Annually*	Grab

NOTE: Semi-Annually** : Samples of raw sewage (leachate) shall be collected from the Aeration Pond 1 inlet structure two (2) times annually, first one at the beginning of the seasonal discharge period and the second one at end of the seasonal discharge period.

(4) Samples shall be collected and analyzed at the following sampling point at the sampling frequencies and using the sample type specified for each parameter listed **during the effluent discharge period between April 15th and November 30th** .

Table 5 - Effluent Monitoring Sampling Point: Effluent Discharge from Wetland Cell 2		
Effluent Parameter	Frequency	Sample Type
Biological Oxygen Demand (CBOD5)	3 samples per discharge*	Grab
Total Suspended Solids	3 samples per discharge*	Grab
Total Phosphorus	3 samples per discharge*	Grab
Total Ammonia Nitrogen	3 samples per discharge*	Grab
Un-ionized Ammonia	3 samples per discharge*	Grab
Formaldehyde	3 samples per discharge*	Grab
Arsenic	3 samples per discharge*	Grab
Conductivity (Field and Lab)	3 samples per discharge*	Grab
Dissolved Oxygen	3 samples per discharge*	Grab

(Field)		
pH (Field and Lab)	3 samples per discharge*	Grab
Temperature (Field)	3 samples per discharge*	Grab
Chemical Oxygen Demand (COD)	Semi-Annually**	Grab
Dissolved Organic Carbon (DOC)	Semi-Annually**	Grab
Tannins/Lignins	Semi-Annually**	Grab
Total Resins and Fatty Acids	Semi-Annually**	Grab
Abietic Acid	Semi-Annually**	Grab
Dehydroabietic Acid	Semi-Annually**	Grab
Oleic Acid	Semi-Annually**	Grab
Phenol-4AAP	Semi-Annually**	Grab
Iron	Semi-Annually**	Grab
Cobalt	Semi-Annually**	Grab
Zinc	Semi-Annually**	Grab
Zirconium	Semi-Annually**	Grab

Acute Lethality to Rainbow Trout	Quarterly***	Grab
Acute Lethality to <i>Daphnia magna</i>	Quarterly***	Grab

NOTE 3 times per discharge* : Samples of final effluent from Wetland Cell 2 shall be collected from the outlet structure at least three times during each batch discharge, namely, at the beginning of the discharge, at 50% drawdown in the cell, and at the end of the discharge.

Semi-Annually** : Samples of final effluent from Wetland Cell 2 shall be collected from the outlet structure two (2) times annually, first one at the beginning of the seasonal discharge period and the second one at end of the seasonal discharge period.

Quarterly***: Samples of final effluent from Wetland Cell 2 shall be collected from the outlet structure three (3) times annually, first one at the beginning of the seasonal discharge period, second one at half point of the seasonal discharge season, and the third one at end of the seasonal discharge period.

(5) The methods and protocols for sampling, analysis and recording shall conform, in order of precedence, to the methods and protocols specified in the following:

- (a) the *Ministry*'s publication "Protocol for the Sampling and Analysis of Industrial/Municipal Wastewater" (January 1999), ISBN 0-7778-1880-9, as amended from time to time by more recently published editions;
- (b) the publication "Standard Methods for the Examination of Water and Wastewater" (21st edition), as amended from time to time by more recently published editions; and
- (c) the Environment Canada publications "Biological Test Method: Reference Method for Determining Acute Lethality of Effluents to Rainbow Trout" (July 1990) and "Biological Test

Method: Reference Method for Determining Acute Lethality of Effluents to *Daphnia magna* " (July 1990), as amended from time to time by more recently published editions;

(6) The measurement frequencies specified in subsection (3) and subsection (4) in respect of any parameter are minimum requirements which may, after 24 months of monitoring in accordance with this Condition, be modified by the *District Manager* in writing from time to time.

(7) The *Owner* shall install and maintain a continuous flow measuring device(s) to measure the flow rate of the influent raw sewage (leachate) and effluent from the *Works* , with an accuracy to within plus or minus fifteen (15) per cent of the actual flow rate for the entire design range of the flow measuring device and the *Owner* shall measure, record and calculate the flow rate for each effluent stream on each day of sampling.

(8) The *Owner* shall retain for a minimum of three (3) years from the date of their creation, all records and information related to or resulting from the monitoring activities required by this *Approval*.

PART V - GENERAL

10. REPORTING

(1) One week prior to the start up of the operation of the *Proposed Works* , the *Owner* shall notify the *District Manager* in writing of the pending start up date.

(2) The *Owner* shall report to the *District Manager* or designate, any exceedence of any parameter specified in Condition 7 orally, as soon as reasonably possible, and in writing within seven (7) days of the exceedence.

(3) In addition to the obligations under Part X of the *Environmental Protection Act* , the *Owner* shall, within 10 working days of the occurrence of any reportable spill as defined on Ontario Regulation 675/98, bypass or loss of any product, by-product, intermediate product, oil, solvent, waste material or any other polluting substance into the environment, submit a full written report of the occurrence to the *District Manager* describing the cause and discovery of the spill or loss, clean-up and recovery measures taken, preventative measures to be taken and schedule of implementation.

(4) The *Owner* shall prepare and submit performance report to the *District Manager* on an annual basis within ninety (90) days following the end of the period being reported upon. The reports shall contain, but shall not be limited to, the following information:

(a) a summary and interpretation of all monitoring data and a comparison to the effluent objectives outlined in Condition 6 and effluent limits outlined in Condition 7, including an overview of the success and adequacy of the sewage works using trend graphs whenever possible;

- (b) a summary of quality and quantity of leachate disposed off-site monitored under Condition 4 (5);
- (c) a summary of the daily volume of leachate spray irrigated and spray irrigated area monitored under Condition 5 (6);
- (d) a description of any operating problems encountered and corrective actions taken;
- (e) a summary of all maintenance carried out on any major structure, equipment, apparatus, mechanism or thing forming part of the sewage works;
- (f) a summary of any effluent quality assurance or control measures undertaken in the reporting period;
- (g) a summary of the calibration and maintenance carried out on all effluent monitoring equipment; and
- (h) a description of efforts made and results achieved in meeting the Effluent Objectives of Condition 6.

11. FINANCIAL ASSURANCE

(1) Pursuant to Part XII of the *Environmental Protection Act*, the *Owner* shall **before December 31, 2009** deposit with the Director of the Business and Fiscal Planning Branch of the *Ministry*, with a copy to the *Director*, an irrevocable letter of credit in the amount of ONE MILLION AND THREE HUNDRED FIFTY THOUSAND DOLLARS (\$1,350,000.00).

(2) Pursuant to Part XII of the *Environmental Protection Act*, the *Owner* shall **three (3) months prior to the commencement of operation of the Works or before January 31, 2011** deposit with the Director of the Business and Fiscal Planning Branch of the *Ministry*, with a copy to the *Director*, an irrevocable letter of credit in the amount of EIGHT HUNDRED NINETY THOUSAND AND FIVE HUNDRED DOLLARS (\$890,500.00).

(3) The financial assurance provided in accordance with subsection (1) and subsection (2) may be realized and applied to pay for any incurred or potential expenditure by the *Ministry* to carry out any environmental measure, including any obligation of the owner in connection with the Works which is imposed by:

- (a) any other provision of this *Approval* ;
- (b) any order of the *Director* or *Regional Director* ; or,
- (c) the *Environmental Protection Act* or the *OWRA* or any regulations made thereunder;

but only upon the issuance of an order under section 136 of the

Environmental Protection Act .

(4) A revised financial assurance is to be prepared **and submitted to the *Director* before December 31, 2012** or not more than three (3) years from the date of commencement of operation of the *Works* and every three years thereafter. The report shall include:

- a) updates of the discount, interest and inflation rates associated with the requirements for financial assurance in this *Approval* including justifications and sources of the proposed rates; and
- b) a report prepared by a qualified Professional Engineer which updates the cost estimates on which the amounts associated with the requirements for financial assurance in this *Approval* are based.

(5) The report referenced in Condition 10(4) shall take into consideration:

- a) the empirical leachate generation rates;
- b) the empirical and theoretical landfill gas generation rates;
- c) the contaminating life span of the landfill site with respect to groundwater, surface water and landfill gas based on empirical and theoretical data;
- d) any measures that have been carried out or need to be carried out to prevent and ameliorate any adverse effect that relates to the landfill site and *Works* ; and
- e) the annual inspection, maintenance, and monitoring costs, including costs for leachate treatment and disposal and landfill gas management works.

(6) The amount of Financial Assurance is subject to review at any time by the *Director* and may be amended at his/her discretion. If any financial assurance is scheduled to expire or notice is received, indicating financial assurance will not be renewed, and satisfactory methods have not been made to replace the financial assurance at least 60 days before the financial assurance terminates, the financial assurance shall forthwith be replaced by cash.

(7) If at any time the *Regional Director* advises the *Owner* in writing that he is satisfied with the completion of closure, rehabilitation and long-term maintenance and care of the landfill site and ceasing of operation or decommissioning of the works and associated facilities, for which the financial assurance was needed, and that no further

financial assurance is required of the *Owner* , all unused financial assurance including unused accrued interest thereupon, if any, shall be released or returned to the *Owner* .

12. CERTIFICATE OF PROHIBITION

(1) Pursuant to Section 103 of the *Ontario Water Resources Act* , R.S.O. 1990, Chapter 0.40, as amended, neither the *Owner* nor any other person having an interest in the site shall deal with the site in any way without first giving a copy of this *Approval* to each person acquiring an interest in the site as a result of the dealing.

(2) The *Owner* shall:

(i) within 10 calendar days of the date this *Approval* is issued, register the Certificate of Prohibition accompanying this *Approval* on title to the site in the appropriate Land Registry Office, and

(ii) immediately after registration of the Certificate of Prohibition provide a duplicate copy of the Certificate of Prohibition with registration particulars to the *Director* .

13. AGREEMENT FOR OFF-SITE DISPOSAL OF LEACHATE

Within six (6) months of the issuance date of this *Approval* , the *Owner* shall submit to the *Director* and *District Manager* a signed agreement entered with an approved sewage treatment plant capable of receiving and treating leachate from the *Works* until the commencement of operation of the *Proposed Works* (**Leachate Treatment System**) or as a contingency during any emergency condition requiring such off-site disposal from the *Works* when the *Proposed Works* (**Leachate Treatment System**) is in operation.

14. SOURCE WATER PROTECTION

The *Owner* shall, within sixty (60) calendar days of the Minister of the Environment posting approval of a *Source Protection Plan* on the environmental registry established under the *Environmental Bill of Rights, 1993* for the area in which this *Approval* is applicable, apply to the *Director* for an amendment to this *Approval* that includes the necessary measures to conform with all applicable policies in the approved *Source Protection Plan*.

Schedule 'A'

I. PREVIOUS WORKS APPROVED ON NOVEMBER 9, 2000:

1. Application for Municipal and Private Sewage Works submitted by Uniboard New Liskeard Inc. dated July 19, 2000, Design Brief prepared by Sutcliffe Rody Quesnel Inc., Consulting Engineers, New Liskeard, Ontario, and Design Proposal for Landfill Leachate Collection System prepared by Fiset Industrial Services Inc., Liskeard, Ontario.

II **PREVIOUS WORKS (Leachate Treatment System) APPROVED ON SEPTEMBER 12, 2008 UNDER CofA No. 4957-7DCJBV:**

1. Application for Industrial Sewage Works submitted by Uniboard Canada Inc. dated March 9, 2007, design specifications and drawings prepared by Story Environmental Services, City of Temiskaming Shores, Ontario.

III *PREVIOUS WORKS APPROVED ON JANUARY 3, 2013 UNDER ECA # 2478-8YPHYE :*

1. Application for Environmental Compliance Approval submitted by Uniboard Canada Inc. dated March 20, 2012, design specifications and drawings prepared by Story Environmental Inc., Haileybury, Ontario.
- 2.
3. "Uniboard Canada Inc. - Description of Proposed Alternative Leachate Management System" dated March 2012 prepared by Story Environmental Inc., Haileybury, Ontario.
- 4.
5. "Uniboard Canada Inc. - 2011 Annual Monitoring Report Woodwaste Landfill Temiskaming Shores - Volumes 1 & 2" dated March 2012 prepared by Story Environmental Inc., Haileybury, Ontario.
- 6.
7. Response letter from Maria Story, P. Eng., Story Environmental Inc. to Stefanos Habtom, P.Eng, MOE dated June 1, 2012 to an additional information request letter dated May 2, 2012 regarding design specifications for the proposed leachate evaporation basin.

IV *PROPOSED WORKS:*

1. Application for Environmental Compliance Approval submitted by Mansteel New Liskeard Inc. dated August 28, 2013, design specifications and drawings prepared by A & A Environmental Consultants Inc., Woodstock, Ontario.
- 2.
3. "A design and Operations Report For Proposed Leachate Management System at Lot 9 & 10, Concession 5, Temiskaming Shores City, District of Temiskaming, Ontario" dated February 10, 2014 prepared by A & A Environmental Consultants Inc., Woodstock, Ontario, submitted as a response to an additional information request letter dated December 17, 2013.

The reasons for the imposition of these terms and conditions are as follows:

1. Condition 1 is imposed to ensure that the *Works* are built and operated in the manner in which they were described for review and upon which approval was granted. This condition is also included to emphasize the precedence of Conditions in the

Approval and the practice that the *Approval* is based on the most current document, if several conflicting documents are submitted for review. The condition also advises the Owners their responsibility to notify any person they authorized to carry out work pursuant to this *Approval* the existence of this *Approval*.

2. Condition 2 is included to ensure that the *Works* are constructed in a timely manner so that standards applicable at the time of *Approval* of the *Works* are still applicable at the time of construction, to ensure the ongoing protection of the environment.

3. Condition 3 is included to ensure that the works is operated in accordance with the information submitted by the *Owner* relating to the process and materials which are served by the works, and to ensure that any contemplated changes in them which could potentially affect the characteristics of effluent from the works will be properly reviewed and approved.

4. Condition 6 is imposed to establish non-enforceable effluent quality objectives which the *Owner* is obligated to use best efforts to strive towards on an ongoing basis. These objectives are to be used as a mechanism to trigger voluntary proactive corrective actions before impairment of the environment occurs and before the compliance limits of Condition 7 are exceeded.

5. Condition 7 is imposed to ensure that the effluent discharged from the *Works* to the Lake Temiskaming meets the *Ministry*'s effluent quality requirements thus minimizing environmental impact on the receiver and to protect water quality, fish and other aquatic life in the receiving water body.

7. Conditions 5 and 8 are included to require that the *Works* be properly operated, maintained, funded, staffed and equipped such that the environment is protected and deterioration, loss, injury or damage to any person or property is prevented. As well, the inclusion of a comprehensive operations manual governing all significant areas of operation, maintenance and repair is prepared, implemented and kept up-to-date by the owner and made available to the *Ministry*. Such a manual is an integral part of the operation of the *Works*. Its compilation and use should assist the *Owner* in staff training, in proper plant operation and in identifying and planning for contingencies during possible abnormal conditions. The manual will also act as a benchmark for *Ministry* staff when reviewing the *Owner*'s operation of the work.

8. Conditions 4 and 9 are included to enable the *Owner* to evaluate and demonstrate the performance of the *Works* , on a continual basis, so that the *Works* are properly operated and maintained at a level which is consistent with the design objectives and effluent limits specified in the *Approval* and that the *Works* does not cause any impairment to the receiving watercourse.

9. Condition 10 is included to provide a performance record for future references, to ensure that the *Ministry* is made aware of problems as they arise, and to provide a compliance record for all the terms and conditions outlined in this *Approval*, so that the *Ministry* can work with the *Owner* in resolving any problems in a timely manner.

10. Condition 11 is included to ensure that the owner provides financial assurance on a timely basis, in an amount adequate to cover the capital and operating costs of the environmental measures for which it is provided and is in a form readily utilizable by *Ministry* personnel.

11. Condition 12 is included in order to safeguard the health, safety, and enjoyment of normal use of potential future owners of the property on which the *Works* is located that they be put on notice that it is reasonably foreseeable that the normal operation of the *Works* in compliance with this *Approval* may result in normal, fugitive and emergency discharges which result in the long-term contamination of said property.

12. Condition 13 is included to ensure that an off-site sewage disposal agreement is place to allow off-site disposal of leachate from the *Works* during emergency conditions and minimize any potential impacts to the natural environment due to such emergencies.

13. Condition 14 is included to ensure that the works covered by this *Approval* will conform to the significant threat policies and designated Great Lakes policies in the *Source Protection Plan*.

Upon issuance of the environmental compliance approval, I hereby revoke Approval No(s). 2478-8YPHYE issued on January 3, 2013

In accordance with Section 139 of the Environmental Protection Act, you may by written Notice served upon me and the Environmental Review Tribunal within 15 days after receipt of this Notice, require a hearing by the Tribunal. Section 142 of the Environmental Protection Act provides that the Notice requiring the hearing shall state:

1. The portions of the environmental compliance approval or each term or condition in the environmental compliance approval in respect of which the hearing is required, and;
2. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

Pursuant to subsection 139(3) of the Environmental Protection Act, a hearing may not be required with respect to any terms and conditions in this environmental compliance approval, if the terms and conditions are substantially the same as those contained in an approval that is amended or revoked by this environmental compliance approval.

The Notice should also include:

3. The name of the appellant;
4. The address of the appellant;
5. The environmental compliance approval number;
6. The date of the environmental compliance approval;
7. The name of the Director, and;
8. The municipality or municipalities within which the project is to be engaged in.

And the Notice should be signed and dated by the appellant.

This Notice must be served upon:

The Secretary*
Environmental Review Tribunal
655 Bay Street, Suite 1500
Toronto, Ontario
M5G 1E5

AND

The Director appointed for the
purposes of Part II.1 of the
Environmental Protection Act
Ministry of the Environment
2 St. Clair Avenue West, Floor 12A
Toronto, Ontario
M4V 1L5

*** Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 212-6349, Fax: (416) 314-4506 or www.ert.gov.on.ca**

The above noted activity is approved under s.20.3 of Part II.1 of the Environmental Protection Act.

DATED AT TORONTO this 29th day of April, 2014

Edgardo Tovilla

Director

appointed for the purposes of Part II.1 of the
Environmental Protection Act

SH/

c: Area Manager, MOE North Bay

c: District Manager, MOE Sudbury

Sajjad Din, M.S. (Geoph), M.Sc. (Geol), P.G., P.Geo., Qp, A&A Environmental Consultants Inc.

Schedule B

Mansteel New Liskeard Wood Waste Landfill Site Cap Assessment Leachate Treatment