

## **Inspections**

17. No person shall hinder or obstruct a Provincial Officer in the performance of their duties, including any and all inspections authorized by the OWRA, the EPA or the PA of any place to which this Certificate relates, and without limiting the foregoing to:

- a. enter upon the premises where the Site is located, or the location where the records required by the conditions of this Certificate are kept;
- b. have access to, inspect, and copy any records required by the conditions of this Certificate;
- c. inspect the practices, procedures, or operations required by the terms and conditions of this Certificate; and
- d. sample and monitor for the purposes of assessing compliance with the conditions of this Certificate or the EPA, the OWRA or the PA.

## **Information and Record Retention**

18. Any information requested, by the Ministry, concerning the Site and its operation under this Certificate, including but not limited to any records required to be kept by this Certificate shall be provided to the Ministry, upon request. Records shall be retained for 2 years except for as otherwise authorized in writing by the Director.

19. The receipt of any information by the Ministry or the failure of the Ministry to prosecute any person or to require any person to take any action, under this Certificate or under any statute, regulation or other legal requirement, in relation to the information, shall not be construed as:

- a. an approval, waiver, or justification by the Ministry of any act or omission of any person that contravenes any term or condition of this Certificate or any statute, regulation or other legal requirement; or
- b. acceptance by the Ministry of the information's completeness or accuracy.

## **OPERATIONS**

### **Operations**

20. This Site is approved for the processing (transfer, sorting, compaction) of municipal waste (and the periodic grinding of woodwaste on-site), limited as per the Conditions of this Certificate. The Site shall be operated and maintained, and the management and disposal of all waste shall be carried out, in accordance with the EPA, Regulation 347 and the conditions of this Certificate. At no time shall the discharge of a contaminant that causes or is likely to cause an adverse effect be permitted.

### **Hours of Operation**

21. The hours of operation at the Site are Monday at 5:30am to Saturday at 4:30pm.

### **Service Area**

22. Only waste that is generated in the Province of Ontario shall be accepted at the Site.

### **Waste Types**

23. Only municipal waste limited to one or more of the following solid non-hazardous wastes shall be accepted at the Site:

- (a) construction and demolition waste;
- (b) industrial waste;
- (c) commercial waste;
- (d) residential waste;
- (e) recyclable materials, limited to:

- i. brick;
- ii. concrete;
- iii. woodwaste;
- iv. metals.

No putrescible waste, other than in incidental amounts, shall be accepted at the Site. In the event that any putrescible waste is discovered on-site, that waste shall be segregated and removed from the Site as promptly as possible.

### **Waste Limits**

24. (a) The amount of waste received at the Site shall not exceed 669 tonnes per day. If for any reason waste cannot be transferred from the site, the Site shall cease accepting waste.

(b) The amount of waste shipped from the Site shall not exceed 559 tonnes per day.

25. The amount of waste stored at the Site shall not exceed the following weights or heights:

- (a) 533 tonnes of woodwaste, piled no higher than 4.9 metres (or as otherwise directed by the local Fire Department) in the designated area;
- (b) 125 tonnes of metal, piled no higher than 4.9 metres in the designated area;
- (c) 100 tonnes of brick and concrete total, piled no higher than 3.5 metres in the designated area;
- (d) 559 tonnes of all other wastes, piled no higher than 3.5 metres in the designated area.

Clear visual indicators shall be employed to ensure the height restrictions listed above are met.

26. All receiving, unloading, sorting, storage, loading, and all other transfer and processing of waste, shall be conducted indoors at all times.

27. Notwithstanding Condition 26 above, the following materials may not be processed outdoors, but may be received, unloaded, stored and loaded outdoors in designated areas:

- (a) metal;
- (b) brick;
- (c) concrete;
- (d) woodwaste.

### **Signage**

28. A sign shall be posted and maintained at the entrance to the site in a manner that is clear and legible, and shall include the following information:

- a. the name of the Site and Owner;
- b. this Certificate number;
- c. the name of the Operator;
- d. the normal hours of operation;
- e. the allowed waste types, and any waste types explicitly prohibited by Conditions of this Certificate;
- f. a telephone number to which complaints may be directed;
- g. a twenty-four (24) hour emergency telephone number (if different from above); and
- h. a warning against dumping outside the Site.

### **Waste Inspection**

29. All waste (including recyclable material) shall be inspected by Trained personnel prior to being accepted at the Site to ensure that the waste is of a type approved for acceptance under this Certificate. Unapproved waste shall not be accepted at the Site. Waste inspection shall include, as a minimum, the following:

- (a) visual inspection of the waste;

- (b) categorization of the waste types present; and
- (c) identification of the waste hauler.

Notwithstanding the Conditions of this Certificate, the Owner shall comply with all Canadian Food Inspection Agency requirements regarding the inspection, receipt, storage, processing and transfer of material potentially impacted by the Asian long horned beetle and/or other pests.

30. In the event that any waste load is refused, the Owner shall notify the District Manager within twenty-four (24) hours, and a record shall be made in the daily log book of the reason the waste was refused and the origin of the waste.

### **Incoming / Outgoing Waste**

31. All incoming and outgoing wastes shall be inspected by Trained personnel prior to being received, transferred, processed and/or shipped to ensure all wastes are being managed and disposed of in accordance with the EPA and Reg. 347.

### **Labelling**

32. All waste storage areas/containers at the Site shall have a label or sign clearly identifying the contents.

### **Vermin, etc.**

33. (a) The Site shall be operated and maintained such that vermin, vectors, dust, litter, odour, noise and traffic do not create a nuisance. The Owner shall implement the nuisance control measures listed in Item 1 of Schedule "A" as required to ensure compliance.

(b) Within sixty (60) days of the date of issuance of this Certificate, the Owner shall submit to the Director for approval details of a door or other structure designed to enclose the waste storage building, including (but not limited to) the following:

- (i) a written description of the door/structure and its operation; and
- (ii) final drawings of the door/structure.

(c) Within sixty (60) days of the date of issuance of this Certificate, the Owner shall submit to the Director for approval details of all site surfacing to prevent impacts due to dust generation, including (but not limited to) the following:

- (i) a written description of the type and location of all site surfacing;
- (ii) a final site plan showing all site surfacing.

(d) Within one (1) year of the date of issuance of this Certificate, the Owner shall submit to the District Manager details of an air monitoring study to be undertaken by the Owner to ensure compliance with all applicable particulate standards, including (but not limited to) the following:

- (i) a written description of the monitoring and sampling procedures to be employed;
- (ii) a list of equipment to be used;
- (iii) a description of the particulate standards to be used for comparison;
- (iv) a schedule for carrying out the air monitoring study; and
- (v) any additional information the District Manager may require.

### **Design and Operations Report**

34. Within sixty (60) days of the date of issuance of this Certificate, the Owner shall submit to the Director for approval a revised Design and Operations Report that includes up-to-date information on all Site infrastructure and operations. The updated Design and Operations Report shall include (but not be limited to) the following:

- (a) an updated site plan showing all waste management infrastructure on-site, including drawings where necessary to describe details of any structures on-site, and the drawings required under Condition 33(b) and 33(c) above;

- (b) detailed information on all waste management operations and all nuisance control measures at the site;
- (c) detailed information on personnel training, site inspections, emergency and spill response, and reporting.

### **Training Plan**

35. A training plan shall be developed and maintained for all employees that operate the Site. Only Trained personnel may operate the Site or carry out any activity required under this Certificate.
36. The Owner shall ensure that Trained personnel are available at all times during the hours of operation of this Site. Trained personnel shall supervise all management of all waste and processed material at the Site.

### **Site Security**

37. The Site shall be operated and maintained in a secure manner, such that unauthorized persons cannot enter the Site.

### **Site Inspection**

38. An inspection of the entire Site and all equipment on the Site shall be conducted each day the Site is in operation to ensure that: the Site is secure; that the operation of the Site is not causing any nuisances; that the operation of the Site is not causing any adverse effects on the environment; and that the Site is being operated in compliance with this Certificate. Any deficiencies discovered as a result of the inspection shall be remedied immediately, including temporarily ceasing operations at the Site if needed.

39. A record of the inspections, including the following information, shall be kept in the daily log book:

- a. the name and signature of person that conducted the inspection;
- b. the date and time of the inspection;
- c. a list of any deficiencies discovered;
- d. any recommendations for remedial action; and
- e. the date, time and description of actions taken.

### **Complaint Response**

40. If at any time, the Owner receives a complaint regarding adverse effect (as defined in the EPA) due to operation of the Site, the Owner shall respond to the complaint according to the following procedure:

(a) The Owner shall record and number each complaint, either electronically or in a separate log book, along with the following information:

- i. the nature of the complaint,
- ii. if the complaint is odour or nuisance related, the weather conditions and wind direction at the time of the complaint;
- iii. the name, address and telephone number of the complainant (if provided); and
- iv. the time and date of the complaint;

(b) The Owner, upon notification of the complaint, shall initiate appropriate steps to determine all possible causes of the complaint, proceed to take the necessary actions to eliminate the cause of the complaint, notify the District Manager of the complaint within 24 hours of receiving the complaint, and forward a formal reply to the complainant; and

(c) The Owner shall complete and retain on-site a report written within one (1) week of the complaint date, listing the actions taken to resolve the complaint and any recommendations for remedial measures, and managerial or operational changes to reasonably avoid the recurrence of similar incidents. Should subsequent complaints be received following the implementation of corrective action, further corrective actions shall be developed and implemented iteratively until the problem is corrected.

### **Emergency Response Plan**

41. The Owner shall prepare and provide copies of the Emergency Response Plan to the Fire Department within 30 days of

the issuance of this notice. Within 10 days of acceptance of the Emergency Response Plan by the Fire Department, the Owner shall submit a copy of the Emergency Response Plan to the Director for approval.

42. The Emergency Response Plan shall be kept up to date, and a copy shall be retained and accessible to all staff at all times. Changes to the Emergency Response Plan shall be submitted to the Director for approval.

43. The equipment, materials and personnel requirements outlined in the Emergency Response Plan shall be immediately available on the Site at all times. The equipment shall be kept in a good state of repair and in a fully operational condition.

44. All staff that operate the Site shall be fully trained in the use of the contingency and Emergency Response Plan, and in the procedures to be employed in the event of an emergency.

45. The Owner shall immediately take all measures necessary to contain and clean up any spill (as defined in the EPA) which may result from the operation of this Site and immediately implement the emergency response plan if required.

### **Closure Plan**

46. A Closure Plan shall be submitted to the Director for approval, with a copy to the District Manager, no later than six (6) months before the planned closure date of the Site. The Closure Plan shall include, at a minimum, a description of the work that will be done to facilitate closure of the Site and a schedule for completion of that work.

47. The Site shall be closed in accordance with the approved Closure Plan.

48. Within 10 days after closure of the Site, the Owner shall notify the Director, in writing, that the Site is closed and that the approved Closure Plan has been implemented.

### **Daily Log Book**

49. A daily log shall be maintained, either electronically or in written format, and shall include the following information as a minimum:

- a. the date;
- b. quantity and source of waste received;
- c. a running total of the quantity of waste on-site at any time, including the end of the operating day;
- d. quantities and destination of each type of waste shipped from the Site;
- e. a record of daily inspections required by this Certificate;
- f. a record of any spills or process upsets at the site, the nature of the spill or process upset and the action taken for the clean up or correction of the spill, the time and date of the spill or process upset, and for spills, the time that the Ministry and other persons were notified of the spill in fulfilment of the reporting requirements in the EPA .
- g. a record of any waste refusals which shall include; amounts, reasons for refusal and actions taken; and
- h. the signature of the Trained Personnel conducting the inspection and completing the report.

### **Annual Report**

50. On March 31, 2010, and on an annual basis thereafter, the Owner shall prepare a written report for the previous calendar year ("Annual Report"). The Annual Report shall be submitted to the District Manager by March 31 of each year, and shall be kept on-site to be made available to any Provincial Officer upon request. The report shall include, at a minimum, the following information:

- (a) a detailed monthly summary of the type and quantity of all incoming and outgoing wastes and the destination of all outgoing wastes;
- (b) any environmental and operational problems, that could negatively impact the natural environment (as defined in the EPA), encountered during the operation of the Site and during the facility inspections and any mitigative actions taken;
- (c) any changes to the Emergency Response Plan or the Design and Operations Report since the last Annual Report;

(d) any recommendations to minimize environmental impacts from the operation of the Site and to improve Site operations and monitoring programs in this regard.

**Schedule "A"**

This Schedule forms a part of this Certificate of Approval:

1. Application for a Certificate of Approval for a Waste Disposal Site dated June 30, 2009, including the attached Design and Operations Report prepared by Mr. Paul MacDonald, Panama Environmental Solutions and Services.

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

1. The reason for Condition 1 is to simplify the wording of the subsequent conditions and define the specific meaning of terms as used in this Provisional Certificate of Approval.
2. The reason for Conditions 2, 3, 5, 6, 7, 8, 9, 10, 11, 18 and 19 is to clarify the legal rights and responsibilities of the Owner and Operator.
3. The reason for Condition 4 is to ensure that the Site is operated in accordance with the application and supporting documentation submitted by the Company, and not in a manner which the Director has not been asked to consider.
4. The reasons for Condition 12 are to ensure that the Site is operated under the corporate name which appears on the application form submitted for this approval and to ensure that the Director is informed of any changes.
5. The reasons for Condition 13 are to restrict potential transfer or encumbrance of the Site without the approval of the Director and to ensure that any transfer of encumbrance can be made only on the basis that it will not endanger compliance with this Certificate of Approval.
6. The reason for Conditions 14, 15 and 16 is to ensure sufficient funds are available to provide for the clean-up of the Site in the event the Owner is unwilling or unable to clean up the Site.
7. The reason for Condition 17 is to ensure that appropriate Ministry staff have ready access to the Site for inspection of facilities, equipment, practices and operations required by the conditions in this Certificate of Approval. This condition is supplementary to the powers of entry afforded a Provincial Officer pursuant to the EPA and OWRA.
8. The reason for Conditions 20, 29, 30, 31, 32 and 33 is to ensure that the Site is operated in a manner which does not result in a nuisance or a hazard to the health and safety of the environment or people.
9. The reasons for Condition 21 is to specify the hours of operation for the Site.
10. The reasons for Conditions 22, 23, 24, 25, 26 and 27 are to specify the types of waste that may be accepted at the Site, the processes allowed at the Site, the amounts of waste that may be stored and processed at the Site, and the maximum rate at which the Site may receive waste based on the Company's application and supporting documentation.
11. The reasons for Condition 28 are to ensure that users of the Site are fully aware of important information and restrictions related to Site operations and access under this Certificate of Approval, and that the emergency number is made available to the public.
12. The reason for Condition 34 is to ensure that an up-to-date Design and Operations Report is maintained on-site at all times.
13. The reason for Conditions 35 and 36 is to ensure that the Site is operated by properly Trained staff in a manner which does not result in a hazard or nuisance to the natural environment or any person.
14. The reasons for Condition 37 are to ensure the controlled access and integrity of the Site by preventing unauthorized access when the Site is closed and no site attendant is on duty.
15. The reasons for Conditions 38 and 39 are to ensure that routine Site inspections are completed, and that detailed

records of Site inspections are recorded and maintained for inspection and information purposes.

16. The reason for Condition 40 is to ensure that any complaints regarding Site operations at the Site are responded to in a timely manner.

17. The reasons for Conditions 41, 42, 43, 44 and 45 are to ensure that an Emergency Response Plan is developed and maintained at the Site and that staff are properly trained in the operation of the equipment used at the Site and emergency response procedures.

18. The reasons for Condition 46, 47 and 48 are to ensure that the Site is closed in accordance with Ministry standards and to protect the health and safety of the public and the environment.

19. The reasons for Condition 49 are to provide for the proper assessment of effectiveness and efficiency of site design and operation, their effect or relationship to any nuisance or environmental impacts, and the occurrence of any public complaints or concerns. Record keeping is necessary to determine compliance with this Certificate of Approval, the EPA and its regulations.

20. The reasons for Condition 50 are to ensure that regular review of site development, operations and monitoring data is documented and any possible improvements to site design, operations or monitoring programs are identified. A report is an important tool used in reviewing site activities and for determining the effectiveness of site design.

**This Certificate of Approval revokes and replaces Certificate(s) of Approval No. 0854-524QUQ issued on October 22, 2001**

*In accordance with Section 139 of the Environmental Protection Act, R.S.O. 1990, Chapter E-19, as amended, you may by written Notice served upon me, the Environmental Review Tribunal and in accordance with Section 47 of the Environmental Bill of Rights, S.O. 1993, Chapter 28, the Environmental Commissioner, within 15 days after receipt of this Notice, require a hearing by the Tribunal. The Environmental Commissioner will place notice of your appeal on the Environmental Registry. Section 142 of the Environmental Protection Act, provides that the Notice requiring the hearing shall state:*

1. The portions of the approval or each term or condition in the 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.

*The Notice should also include:*

3. The name of the appellant;
4. The address of the appellant;
5. The Certificate of Approval number;
6. The date of the Certificate of Approval;
7. The name of the Director;
8. The municipality within which the waste disposal site is located;

*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, 15th Floor  
Toronto, Ontario  
M5G 1E5

AND

The Environmental Commissioner  
1075 Bay Street, 6th Floor  
Suite 605  
Toronto, Ontario  
M5S 2B1

AND

The Director  
Section 39, *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) 314-4600, Fax: (416) 314-4506 or [www.ert.gov.on.ca](http://www.ert.gov.on.ca)

CONTENT COPY OF ORIGINAL

*This instrument is subject to Section 38 of the Environmental Bill of Rights, that allows residents of Ontario to seek leave to appeal the decision on this instrument. Residents of Ontario may seek leave to appeal within 15 days from the date this decision is placed on the Environmental Registry. By accessing the Environmental Registry at [www.ene.gov.on.ca](http://www.ene.gov.on.ca), you can determine when the leave to appeal period ends.*

*The above noted waste disposal site is approved under Section 39 of the Environmental Protection Act.*

DATED AT TORONTO this 5th day of November, 2009

Tesfaye Gebrezghi, P.Eng.  
Director

AN/  
c: District Manager, MOE Toronto - District  
Paul MacDonald, Panama Environmental Solutions & Services



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 **Appendix C.14**  
**2000007 Ontario Inc./INKAS Armoured**  
**Vehicle Manufacturing**  
**MECP Permit(s)**

**Weston Heights**

Compatibility & Mitigation Study  
SLR Project No.: 241.30246.00000

**ENVIRONMENTAL COMPLIANCE APPROVAL**

NUMBER 6561-BT2RM7

Issue Date: September 18, 2020

2000007 Ontario Inc.  
3605 Weston Road, North York  
Toronto, Ontario  
M9L 1V7

**Site Location:** 3605 Weston Road  
Toronto City  
M9L 1V7

*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:*

## Description Section

An armored vehicle manufacturing facility, consisting of the following processes and support units:

- Receiving;
- Staging;
- Processing including cutting/drilling, welding, woodworking and spray painting;
- Assembly;
- Shipping;

including the Equipment and any other ancillary and support processes and activities, operating at a Facility Production Limit of up to **240 armored vehicles manufactured per year** discharging to the air as described in the Original ESDM Report.

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

1. "ACB list" means the document entitled "Air Contaminants Benchmarks (ACB) List: Standards, guidelines and screening levels for assessing point of impingement concentrations of air contaminants", as amended from time to time and published by the Ministry and available on a Government website;

2. "Acceptable Point of Impingement Concentration" means a concentration accepted by the Ministry as not likely to cause an adverse effect for a Compound of Concern that,

- a. is not identified in the ACB list, or
- b. is identified in the ACB list as belonging to the category "Benchmark 2" and has a concentration at a Point of Impingement that exceeds the concentration set out for the contaminant in that document.

With respect to the Original ESDM Report, the Acceptable Point of Impingement Concentration for a Compound of Concern mentioned above is the concentration set out in the Original ESDM Report;

3. "Acoustic Assessment Report" means the report, prepared in accordance with Publication NPC-233 and Appendix A of the Basic Comprehensive User Guide, by Thomas Li, P.Eng. / Rubidium Environmental Inc. dated September 24, 2019, submitted in support of the application, that documents all sources of noise emissions and Noise Control Measures present at the Facility, as updated in accordance with Condition 5 of this Approval;

4. "Acoustic Assessment Summary Table" means a table prepared in accordance with the Basic Comprehensive User Guide summarising the results of the Acoustic Assessment Report, as updated in accordance with Condition 5 of this Approval;

5. "Approval" means this entire Environmental Compliance Approval and any Schedules to it;

6. "Basic Comprehensive User Guide" means the Ministry document titled "Basic Comprehensive Certificates of Approval (Air) User Guide" dated March 2011, as amended;

7. "Company" means **2000007 Ontario Inc.** operating as INKAS Armored Vehicle Manufacturing that is responsible for the construction or operation of the Facility and includes any successors and assigns in accordance with section 19 of the EPA;

8. "Compound of Concern" means a contaminant described in paragraph 4 subsection 26 (1) of O. Reg. 419/05, namely, a contaminant that is discharged from the Facility in an amount that is not negligible;

9. "Description Section" means the section on page one of this Approval describing the Company's operations and the Equipment located at the Facility and specifying the Facility Production Limit for the Facility;

10. "Director" means a person appointed for the purpose of section 20.3 of the EPA by the Minister pursuant to section 5 of the EPA;

11. "District Manager" means the District Manager of the appropriate local district

- office of the Ministry, where the Facility is geographically located;
12. "Emission Summary Table" means a table described in paragraph 14 of subsection 26 (1) of O. Reg. 419/05;
  13. "Environmental Assessment Act" means the Environmental Assessment Act, R.S.O. 1990, c.E.18, as amended;
  14. "EPA" means the Environmental Protection Act, R.S.O. 1990, c.E.19, as amended;
  15. "Equipment" means equipment or processes described in the ESDM Report, this Approval and in the Schedules referred to herein and any other equipment or processes;
  16. "Equipment with Specific Operational Limits" means any Equipment related to the thermal oxidation of waste or waste derived fuels, fume incinerators or any other Equipment that is specifically referenced in any published Ministry document that outlines specific operational guidance that must be considered by the Director in issuing an Approval;
  17. "ESDM Report" means the most current Emission Summary and Dispersion Modelling Report that describes the Facility. The ESDM Report is based on the Original ESDM Report and is updated after the issuance of this Approval in accordance with section 26 of O. Reg. 419/05 and the Procedure Document;
  18. "Facility" means the entire operation located on the property where the Equipment is located;
  19. "Facility Production Limit" means the production limit placed by the Director on the main product(s) or raw materials used by the Facility;
  20. "Log" means a document that contains a record of each change that is required to be made to the ESDM Report and Acoustic Assessment Report, including the date on which the change occurred. For example, a record would have to be made of a more accurate emission rate for a source of contaminant, more accurate meteorological data, a more accurate value of a parameter that is related to a source of contaminant, a change to a Point of Impingement and all changes to information associated with a Modification to the Facility that satisfies Condition 2;
  21. "Minister" means the Minister of the Environment, Conservation and Parks or such other member of the Executive Council as may be assigned the administration of the EPA under the Executive Council Act;
  22. "Ministry" means the ministry of the Minister;
  23. "Modification" means any construction, alteration, extension or replacement of any plant, structure, equipment, apparatus, mechanism or thing, or alteration of a process or rate of production at the Facility that may discharge or alter the rate or

manner of discharge of a Compound of Concern to the air or discharge or alter noise or vibration emissions from the Facility;

24. "Noise Control Measures" means measures to reduce the noise emissions from the Facility and/or Equipment including, but not limited to, silencers, acoustic louvres, enclosures, absorptive treatment, plenums and barriers;
25. "O. Reg. 419/05" means Ontario Regulation 419/05, Air Pollution – Local Air Quality, as amended;
26. "Original ESDM Report" means the Emission Summary and Dispersion Modelling Report which was prepared in accordance with section 26 of O. Reg. 419/05 and the Procedure Document by Thomas Li / Rubdium Environmental Inc. and dated September 23, 2019 submitted in support of the application, and includes any changes to the report made up to the date of issuance of this Approval;
27. "Point of Impingement" has the same meaning as in section 2 of O. Reg. 419/05;
28. "Point of Reception" means Point of Reception as defined by Publication NPC-300;
29. "Procedure Document" means Ministry guidance document titled "Procedure for Preparing an Emission Summary and Dispersion Modelling Report" dated March 2018, as amended;
30. "Processes with Significant Environmental Aspects" means the Equipment which, during regular operation, would discharge one or more contaminants into the air in an amount which is not considered as negligible in accordance with section 26 (1) 4 of O. Reg. 419/05 and the Procedure Document;
31. "Publication NPC-207" means the Ministry draft technical publication "Impulse Vibration in Residential Buildings", November 1983, supplementing the Model Municipal Noise Control By-Law, Final Report, published by the Ministry, August 1978, as amended;
32. "Publication NPC-233" means the Ministry Publication NPC-233, "Information to be Submitted for Approval of Stationary Sources of Sound", October, 1995, as amended;
33. "Publication NPC-300" means the Ministry Publication NPC-300, "Environmental Noise Guideline, Stationary and Transportation Sources – Approval and Planning, Publication NPC-300", August 2013, as amended;
34. "Schedules" means the following schedules attached to this Approval and forming part of this Approval namely:
  - Schedule A - Supporting Documentation;
35. "Toxicologist" means a qualified professional currently active in the field of risk assessment and toxicology that has a combination of formal university education,

training and experience necessary to assess contaminants; and

36. "Written Summary Form" means the electronic questionnaire form, available on the Ministry website, and supporting documentation, that documents the activities undertaken at the Facility in the previous calendar year.

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

## TERMS AND CONDITIONS

### 1. GENERAL

1. Except as otherwise provided by this Approval, the Facility shall be designed, developed, built, operated and maintained in accordance with the terms and conditions of this Approval and in accordance with the following Schedules attached hereto:
  - Schedule A - Supporting Documentation

### 2. LIMITED OPERATIONAL FLEXIBILITY

1. Pursuant to section 20.6 (1) of the EPA and subject to Conditions 2.2 and 2.3 of this Approval, future construction, alterations, extensions or replacements are approved in this Approval if the future construction, alterations, extensions or replacements are Modifications to the Facility that:
  - a. are within the scope of the operations of the Facility as described in the Description Section of this Approval;
  - b. do not result in an increase of the Facility Production Limit above the level specified in the Description Section of this Approval; and
  - c. result in compliance with the performance limits as specified in Condition 4.
2. Condition 2.1 does not apply to,
  - a. the addition of any new Equipment with Specific Operational Limits or to the Modification of any existing Equipment with Specific Operational Limits at the Facility; and
  - b. Modifications to the Facility that would be subject to the Environmental Assessment Act.
3. Condition 2.1 of this Approval shall expire ten (10) years from the date of this Approval, unless this Approval is revoked prior to the expiry date. The Company may apply for renewal of Condition 2.1 of this Approval by

including an ESDM Report and an Acoustic Assessment Report that describes the Facility as of the date of the renewal application.

### **3. REQUIREMENT TO REQUEST AN ACCEPTABLE POINT OF IMPINGEMENT CONCENTRATION**

1. Prior to making a Modification to the Facility that satisfies Condition 2.1.a. and 2.1.b., the Company shall prepare a proposed update to the ESDM Report to reflect the proposed Modification.
2. The Company shall request approval of an Acceptable Point of Impingement Concentration for a Compound of Concern if the Compound of Concern is not identified in the ACB list as belonging to the category "Benchmark 1" and a proposed update to an ESDM Report indicates that one of the following changes with respect to the concentration of the Compound of Concern may occur:
  - a. The Compound of Concern was not a Compound of Concern in the previous version of the ESDM Report and
    - i. the concentration of the Compound of Concern exceeds the concentration set out for the contaminant in the ACB list; or
    - ii. the Compound of Concern is not identified in the ACB list; or
  - b. The concentration of the Compound of Concern in the updated ESDM Report exceeds the higher of,
    - i. the most recent Acceptable Point of Impingement Concentration, and
    - ii. the concentration set out for the contaminant in the ACB list, if the contaminant is identified in that document.
3. The request required by Condition 3.2 shall propose a concentration for the Compound of Concern and shall contain an assessment, performed by a Toxicologist, of the likelihood of the proposed concentration causing an adverse effect at Points of Impingement.
4. If the request required by Condition 3.2 is a result of a proposed Modification described in Condition 3.1, the Company shall submit the request, in writing, to the Director at least 30 days prior to commencing to make the Modification. The Director shall provide written confirmation of receipt of this request to the Company.
5. If a request is required to be made under Condition 3.2 in respect of a proposed Modification described in Condition 3.1, the Company shall not make the Modification mentioned in Condition 3.1 unless the request is approved in writing by the Director.

6. If the Director notifies the Company in writing that the Director does not approve the request, the Company shall,
  - a. revise and resubmit the request; or
  - b. notify the Director that it will not be making the Modification.
7. The re-submission mentioned in Condition 3.6 shall be deemed a new submission under Condition 3.2.
8. If the Director approves the request, the Company shall update the ESDM Report to reflect the Modification.
9. Condition 3 does not apply if Condition 2.1 has expired.

#### **4. PERFORMANCE LIMITS**

1. Subject to Condition 4.2, the Company shall not discharge or cause or permit the discharge of a Compound of Concern into the air if,
  - a. the Compound of Concern is identified in the ACB list as belonging to the category "Benchmark 1" and the discharge results in the concentration at a Point of Impingement exceeding the Benchmark 1 concentration; or
  - b. the Compound of Concern is not identified in the ACB list as belonging to the category "Benchmark 1" and the discharge results in the concentration at a Point of Impingement exceeding the higher of,
    - i. if an Acceptable Point of Impingement Concentration exists, the most recent Acceptable Point of Impingement Concentration, and
    - ii. the concentration set out for the contaminant in the ACB list, if the contaminant is identified in that document.
2. Condition 4.1 does not apply if the benchmark set out in the ACB list has a 10-minute averaging period and no ambient monitor indicates an exceedance at a Point of Impingement where human activities regularly occur at a time when those activities regularly occur.
3. The Company shall, at all times, ensure that the noise emissions from the Facility comply with the limits set out in Ministry Publication NPC-300.
4. The Company shall, at all times, ensure that the vibration emissions from the Facility comply with the limits set out in Ministry Publication NPC-207.
5. The Company shall operate any Equipment with Specific Operational Limits approved by this Approval in accordance with the Original ESDM Report.

#### **5. DOCUMENTATION REQUIREMENTS**

1. The Company shall maintain an up-to-date Log.



2. No later than March 31 in each year, the Company shall update the Acoustic Assessment Report and shall update the ESDM Report in accordance with section 26 of O. Reg. 419/05 so that the information in the reports is accurate as of December 31 in the previous year.
3. The Company shall make the Emission Summary Table (see section 27 of O. Reg. 419/05) and Acoustic Assessment Summary Table available for examination by any person, without charge, by posting it on the Internet or by making it available during regular business hours at the Facility.
4. The Company shall, within three (3) months after the expiry of Condition 2.1 of this Approval, update the ESDM Report and the Acoustic Assessment Report such that the information in the reports is accurate as of the date that Condition 2.1 of this Approval expired.
5. Conditions 5.1 and 5.2 do not apply if Condition 2.1 has expired.

## **6. REPORTING REQUIREMENTS**

1. Subject to Condition 6.2, the Company shall provide the Director no later than June 30 of each year, a Written Summary Form to be submitted through the Ministry's website that shall include the following:
  - a. a declaration of whether the Facility was in compliance with section 9 of the EPA, O. Reg. 419/05 and the conditions of this Approval;
  - b. a summary of each Modification satisfying Condition 2.1.a. and 2.1.b. that took place in the previous calendar year that resulted in a change in the previously calculated concentration at a Point of Impingement for any Compound of Concern or resulted in a change in the sound levels reported in the Acoustic Assessment Summary Table at any Point of Reception.
2. Condition 6.1 does not apply if Condition 2.1 has expired.

## **7. OPERATION AND MAINTENANCE**

1. The Company shall prepare and implement, not later than three (3) months from the date of this Approval, operating procedures and maintenance programs for all Processes with Significant Environmental Aspects, which shall specify as a minimum:
  - a. frequency of inspections and scheduled preventative maintenance;
  - b. procedures to prevent upset conditions;
  - c. procedures to minimize all fugitive emissions;
  - d. procedures to prevent and/or minimize odorous emissions;
  - e. procedures to prevent and/or minimize noise emissions; and

- f. procedures for record keeping activities relating to the operation and maintenance programs.
2. The Company shall ensure that all Processes with Significant Environmental Aspects are operated and maintained in accordance with this Approval, the operating procedures and maintenance programs.

## **8. COMPLAINTS RECORDING AND REPORTING**

1. If at any time, the Company receives an environmental complaint from the public regarding the operation of the Equipment approved by this Approval, the Company shall take the following steps:
  - a. Record and number each complaint, either electronically or in a log book. The record shall include the following information: the time and date of the complaint and incident to which the complaint relates, the nature of the complaint, wind direction at the time and date of the incident to which the complaint relates and, if known, the address of the complainant.
  - b. Notify the District Manager of the complaint within two (2) business days after the complaint is received, or in a manner acceptable to the District Manager.
  - c. Initiate appropriate steps to determine all possible causes of the complaint, and take the necessary actions to appropriately deal with the cause of the subject matter of the complaint.
  - d. Complete and retain on-site a report written within one (1) week of the complaint date. The report shall list the actions taken to appropriately deal with the cause of the complaint and set out steps to be taken to avoid the recurrence of similar incidents.

## **9. RECORD KEEPING REQUIREMENTS**

1. Any information requested by any employee in or agent of the Ministry concerning the Facility and its operation under this Approval, including, but not limited to, any records required to be kept by this Approval, shall be provided to the employee in or agent of the Ministry, upon request, in a timely manner.
2. Unless otherwise specified in this Approval, the Company shall retain, for a minimum of five (5) years from the date of their creation all reports, records and information described in this Approval, including,
  - a. a copy of the Original ESDM Report and each updated version;
  - b. a copy of each version of the Acoustic Assessment Report;

- c. supporting information used in the emission rate calculations performed in the ESDM Reports and Acoustic Assessment Reports;
- d. the records in the Log;
- e. copies of each Written Summary Form provided to the Ministry under Condition 6.1 of this Approval;
- f. records of maintenance, repair and inspection of Equipment related to all Processes with Significant Environmental Aspects; and
- g. all records related to environmental complaints made by the public as required by Condition 8 of this Approval.

#### 10. **REVOCATION OF PREVIOUS APPROVALS**

1. This Approval replaces and revokes all Certificates of Approval (Air) issued under section 9 EPA and Environmental Compliance Approvals issued under Part II.1 EPA to the Facility in regards to the activities mentioned in subsection 9(1) of the EPA and dated prior to the date of this Approval.

## **SCHEDULE A**

### **Supporting Documentation**

1. Environmental Compliance Approval Application, dated September 27, 2019, signed by Adam Khazanski and submitted by the Company;
2. Emission Summary and Dispersion Modelling Report, prepared by Rubidium Environmental Inc., signed by Thomas Li and dated September 23, 2019; and
3. Acoustic Assessment Report, prepared by Rubidium Environmental Inc., dated September 24, 2019 and signed by Thomas Li, P.Eng.

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

#### 1. **GENERAL**

Condition No. 1 is included to require the Approval holder to build, operate and maintain the Facility in accordance with the Supporting Documentation in Schedule A considered by the Director in issuing this Approval.

#### 2. **LIMITED OPERATIONAL FLEXIBILITY, REQUIREMENT TO REQUEST AN ACCEPTABLE POINT OF IMPINGEMENT CONCENTRATION AND PERFORMANCE LIMITS**

Conditions No. 2, 3 and 4 are included to limit and define the Modifications permitted by this Approval, and to set out the circumstances in which the

Company shall request approval of an Acceptable Point of Impingement Concentration prior to making Modifications. The holder of the Approval is approved for operational flexibility for the Facility that is consistent with the description of the operations included with the application up to the Facility Production Limit. In return for the operational flexibility, the Approval places performance based limits that cannot be exceeded under the terms of this Approval. Approval holders will still have to obtain other relevant approvals required to operate the Facility, including requirements under other environmental legislation such as the Environmental Assessment Act.

### **3. DOCUMENTATION REQUIREMENTS**

Condition No. 5 is included to require the Company to maintain ongoing documentation that demonstrates compliance with the performance limits as specified in Condition 4 of this Approval and allows the Ministry to monitor ongoing compliance with these performance limits. The Company is required to have an up to date ESDM Report and Acoustic Assessment Report that describe the Facility at all times and make the Emission Summary Table and Acoustic Assessment Summary Table from these reports available to the public on an ongoing basis in order to maintain public communication with regard to the emissions from the Facility.

### **4. REPORTING REQUIREMENTS**

Condition No. 6 is included to require the Company to provide a yearly Written Summary Form to the Ministry, to assist the Ministry with the review of the site's compliance with the EPA, the regulations and this Approval.

### **5. OPERATION AND MAINTENANCE**

Condition No. 7 is included to require the Company to properly operate and maintain the Processes with Significant Environmental Aspects to minimize the impact to the environment from these processes.

### **6. COMPLAINTS RECORDING AND REPORTING PROCEDURE**

Condition No. 8 is included to require the Company to respond to any environmental complaints regarding the operation of the Equipment, according to a procedure that includes methods for preventing recurrence of similar incidents and a requirement to prepare and retain a written report.

### **7. RECORD KEEPING REQUIREMENTS**

Condition No. 9 is included to require the Company to retain all documentation related to this Approval and provide access to employees in or agents of the Ministry, upon request, so that the Ministry can determine if a more detailed review of compliance with the performance limits as specified in Condition 4 of this Approval is necessary.

### **8. REVOCATION OF PREVIOUS APPROVALS**

Condition No. 10 is included to identify that this Approval replaces all Section 9

Certificate(s) of Approval and Part II.1 Approvals in regards to the activities mentioned in subsection 9(1) of the EPA and dated prior to the date of this Approval.

*In accordance with Section 139 of the Environmental Protection Act, you may by written Notice served upon me, the Environmental Review Tribunal and in accordance with Section 47 of the Environmental Bill of Rights, 1993, the Minister of the Environment, Conservation and Parks, within 15 days after receipt of this Notice, require a hearing by the Tribunal. The Minister of the Environment, Conservation and Parks will place notice of your appeal on the Environmental Registry. Section 142 of the Environmental Protection Act provides that the Notice requiring the hearing shall state:*

- a. 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;
- b. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

*The Notice should also include:*

1. The name of the appellant;
2. The address of the appellant;
3. The environmental compliance approval number;
4. The date of the environmental compliance approval;
5. The name of the Director, and;
6. 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*                |     | The Minister of the Environment,<br>Conservation and Parks |     | The Director appointed for the purposes of<br>Part II.1 of the Environmental Protection Act |
| Environmental Review Tribunal |     | 777 Bay Street, 5th Floor                                  | AND | Ministry of the Environment, Conservation<br>and Parks                                      |
| 655 Bay Street, Suite 1500    | AND | Toronto, Ontario   |     | 135 St. Clair Avenue West, 1st Floor  |
| Toronto, Ontario              |     | M7A 2J3  |     | Toronto, Ontario  |
| M5G 1E5                       |     |  |     | M4V 1P5   |

**\* 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) 326-5370 or [www.ert.gov.on.ca](http://www.ert.gov.on.ca)**

*This instrument is subject to Section 38 of the Environmental Bill of Rights, 1993, that allows residents of Ontario to seek leave to appeal the decision on this instrument. Residents of Ontario may seek leave to appeal within 15 days from the date this decision is placed on the Environmental Registry. By accessing the Environmental Registry at <https://ero.ontario.ca/>, you*

*can determine when the leave to appeal period ends.*

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

DATED AT TORONTO this 18th day of  
September, 2020

Rudolf Wan, P.Eng.  
Director  
appointed for the purposes of Part  
II.1 of the *Environmental Protection  
Act*

ML/  
c: District Manager, MECP Toronto District Office  
Thomas Li, Rubidium Environmental Inc.

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 **Appendix C.15**  
**City of Toronto - Silk Screening**  
**MECP Permit(s)**

**Weston Heights**

Compatibility & Mitigation Study

SLR Project No.: 241.30246.00000



Ministry  
of the  
Environment

Ministère  
de  
l'Environnement

CERTIFICATE OF APPROVAL  
AIR  
NUMBER 6855-6AGTPM

City of Toronto  
55 John Street Metro Hall, Station 1180  
Toronto, Ontario  
M5V 3C6

Site Location: 40 Toryork Dr.  
Toronto City, Ontario

*You have applied in accordance with Section 9 of the Environmental Protection Act for approval of:*

- one (1) pressurized drying chamber serving a silk screening process, equipped with dry arrestor filters, exhausting into the atmosphere at a volumetric flow rate of 4.71 actual cubic metres per second at an approximate temperature of 48 degrees Celsius, through a stack, having an exit diameter of 0.51 metre, extending 1.8 metres above the roof and 7.3 metres above grade;

all in accordance with the application for a Certificate of Approval (Air) dated August 24, 2004 and signed by Wayne Moss, P.Eng., Project Manager, City of Toronto, and all supporting information associated with the application including additional information provided by Steve Arkell, Core Systems Solutions, dated November 17, 2004 and March 16, 2005.

*For the purpose of this Certificate of Approval and the terms and conditions specified below, the following definitions apply:*

- (1) "Act" means the *Environmental Protection Act*;
- (2) "Certificate" means this Certificate of Approval issued in accordance with the Act;
- (3) "District Manager" means the District Manager, Toronto District Office, Central Region of the Ministry;
- (4) "Equipment" means the drying chamber described in the Owner's application, this Certificate and in the supporting documentation referred to herein, to the extent approved by this Certificate;
- (5) "Manual" means a document or a set of documents that provide written instructions to staff of the Owner;
- (6) "Ministry" means the Ontario Ministry of Environment; and
- (7) "Owner" means City of Toronto, and includes its successors and assignees;

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

TERMS AND CONDITIONS

**GENERAL**

1. Except as otherwise provided by these Conditions, the Owner shall design, build, install, operate and maintain the Equipment in accordance with the description given in this Certificate, application for approval of the Equipment and the submitted supporting documents and plans and specifications as listed in this Certificate.
2. Where there is a conflict between a provision of any submitted document referred to in this Certificate and the Conditions of this Certificate, the Conditions in this Certificate shall take precedence, and where there is a conflict between the listed submitted documents, the document bearing the most recent date shall prevail.