

ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER A-500-7268654544

Version: 1.0

Issue Date: January 3, 2025

Pursuant to section 20.3 of the *Environmental Protection Act*, Revised Statutes of Ontario (R.S.O.) 1990, c. E. 19 and subject to all other applicable Acts or regulations this Environmental Compliance Approval is issued to:

PLAINTREE SYSTEMS INC

10 DIDAK DRIVE

ARNPRIOR ONTARIO

K7S 0C3

For the following site:

10 DIDAK Drive , ARNPRIOR, ARNPRIOR, ONTARIO, CANADA, K7S 0C3

Upon issuance of the environmental compliance approval, I hereby revoke Approval No(s) 3230-9C4H7L, issued on February 4, 2014.

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 metal equipment manufacturing and assembly facility consisting of the following processes and equipment:

- One (1) paint spray booth equipped with 1.29 square meters of dry type paint arrestor filters discharging to the air at a maximum volumetric flow rate of 0.66 cubic metres per second, through a stack having an exit diameter of 0.54 meters, extending 0.56 metre above the roof and 7.3 metres above grade;
- One (1) ventilation system serving one (1) screen printer and seven (7) electrically heated curing ovens, discharging to the air at a maximum volumetric flow rate of 15 cubic metres per second, through a stack having an exit diameter of 0.64 meters, extending 1.02 metres above the roof and 7.7 metres above grade;
- One (1) paint spray booth equipped with 28.9 square meters of dry type paint arrestor filters discharging to the air through four (4) identical stacks each at a maximum volumetric flow rate of 2.36 cubic metres per second, an exit diameter of 0.91 meters, extending 3.1 metre above the roof and 9.8 metres above grade;

- One (1) outdoor abrasive blaster using a recycled glass media at a maximum rate of 46 kilograms per day;
- One (1) wet scrubber to control particulate emissions from the polishing of welds, discharging to plant air at a maximum volumetric flow rate of 2.36 cubic metres per second;
- One (1) dry plasma cutter discharging to plant air through a portable fume extractor; and
- Other fugitive sources discharging to plant air as follows:
 - One (1) welding station discharging through fume extraction arms;
 - Use of cleaners in the Elmira stove works and assembly areas; and
 - Fire brick manufacturing including baking in an electric oven

all in accordance with the Application for Approval submitted by PLAINTREE SYSTEMS INC., dated February 7, 2024 and signed by Richard Hutton, Plant Manager; the supporting information, including the Emission Summary and Dispersion Modelling Report, submitted by BluMetric Environmental Inc., dated January 29, 2024 and signed by Jessica Petrocco and Richard Hutton; additional air related information provided by Jessica Petrocco dated June 28, 2024, July 31, 2024, August 20, 2024 and August 22, 2024; the Acoustic Assessment Report submitted by Freefield Ltd., dated October 9, 2024 and signed by Hugh Williamson, Ph.D., P.Eng.; and, all other documentation associated with the Application.

DEFINITIONS

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

1. "Acoustical Consultant" means a person currently active in the field of environmental acoustics and noise/vibration control, who is familiar with Ministry noise guidelines and procedures and has a combination of formal university education, training and experience necessary to assess noise emissions from a Facility.
2. "Acoustic Assessment Report" means the report, prepared in accordance with Publication NPC-233 submitted in support of the application, that documents all sources of noise emissions and Noise Control Measures present at the Facility."Acoustic Assessment Report" also means the report prepared by Freefield Ltd., dated October 9, 2024 and signed by Hugh Williamson, Ph.D., P.Eng.
3. "Acoustic Audit" means an investigative procedure consisting of measurements and/or acoustic modelling of all sources of noise emissions due to the operation of the Facility, assessed to determine compliance with the Performance Limits for the Facility regarding noise emissions, completed in accordance with the procedures set in Publication NPC-103

and reported in accordance with Publication NPC-233;

4. "Acoustic Audit Report" means a report presenting the results of an Acoustic Audit, prepared in accordance with Publication NPC-233;
5. "Approval" means this Environmental Compliance Approval, including the application and supporting documentation listed above;
6. "Company" means PLAINTREE SYSTEMS INC. 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;
7. "District Manager" means the District Manager of the appropriate local district office of the Ministry, where the Facility is geographically located;
8. "EPA" means the *Environmental Protection Act*, R.S.O. 1990, c.E.19;
9. "Equipment" means the equipment described in the Company's application, this Approval and in the supporting documentation submitted with the application, to the extent approved by this Approval;
10. "Facility" means the entire operation located on the property where the Equipment is located;
11. "Independent Acoustical Consultant" means an Acoustical Consultant who is not representing the Company and was not involved in preparing the Acoustic Assessment Report or the design/implementation of Noise Control Measures for the Facility and/or Equipment. The Independent Acoustical Consultant shall not be retained by the Acoustical Consultant involved in the noise impact assessment or the design/implementation of Noise Control Measures for the Facility and/or Equipment;
12. "Manual" means a document or a set of documents that provide written instructions to staff of the Company;
13. "Ministry" means the ministry of the government of Ontario responsible for the EPA and includes all officials, employees or other persons acting on its behalf;
14. "Noise Control Measures" means measures to reduce the noise emission from the Facility including, but not limited to silencers, acoustic louvres, enclosures, absorptive treatment, plenums and barriers, as outlined in the Acoustic Assessment Report.
15. "Publication NPC-103" means Ministry Publication NPC-103 "Procedures" of the Model Municipal Noise Control By-Law, Final Report, August 1978;
16. "Publication NPC-233" means Ministry Publication NPC-233 "Information to be Submitted for Approval of Stationary Sources of Sound" , October 1995;
17. "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.

TERMS AND CONDITIONS

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

1. OPERATION AND MAINTENANCE

1. The Company shall ensure that the Equipment is properly operated and maintained at all times. The Company shall:
 - a. prepare, not later than three (3) months after the date of this Approval, and update, as necessary, a Manual outlining the operating procedures and a maintenance program for the Equipment, including:
 - i. routine operating and maintenance procedures in accordance with good engineering practices and as recommended by the Equipment suppliers, including but not limited to dust collectors, scrubbers and the abrasive blasting operation;
 - ii. emergency procedures, including spill clean-up procedures;
 - iii. procedures for any record keeping activities relating to operation and maintenance of the Equipment;
 - iv. all appropriate measures to minimize noise and odorous emissions from all potential sources; and
 - v. the frequency of inspection and replacement of the filter material in the Equipment;
 - b. implement the recommendations of the Manual.

2. 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 five (5) business days 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.

3. RECORD RETENTION

1. The Company shall retain, for a minimum of two (2) years from the date of their creation, all records and information related to or resulting from the recording activities required by this Approval, and make these records available for review by staff of the Ministry upon request. The Company shall retain:
 - a. all records on the maintenance, repair and inspection of the Equipment; and
 - b. all records related to any environmental complaints as required by Condition 2 of this Approval.

4. NOISE

1. The Company shall:
 - a. implement by not later than three (3) months from the date of this Approval, the Noise Control Measures as outlined in the Acoustic Assessment Report;
 - b. ensure, subsequent to the implementation of the proposed Noise Control Measures that the noise emissions from the Facility comply with the limits set in Ministry Publication NPC-300; and
 - c. ensure that the Noise Control Measures are properly maintained and continue to provide the acoustical performance outlined in the Acoustic Assessment Report.

5. CHANGE OF OWNERSHIP

1. The Company shall notify the Director in writing, and forward a copy of the notification to the District Manager, within thirty (30) days of the occurrence of any of the following changes to the Facility operations:
 - a. the ownership of the Facility;
 - b. the operator of the Facility;
 - c. the address of the Company;
 - d. the partners, where the Company 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. B.17, shall be included in the notification; or

- e. the name of the corporation where the Company is or at any time becomes a corporation, other than a municipal corporation, and a copy of the most current information filed under the *Corporations Information Act*, R.S.O. 1990, c. C.39, shall be included in the notification.

- 2. In the event of any change in ownership of the Facility, the Company shall notify the successor of the existence of this Approval and provide the successor with a copy of this Approval, and the Company shall provide a copy of the notification to the District Manager and the Director.

6. ACOUSTIC AUDIT

- 1. The Company shall carry out Acoustic Audit measurements on the actual noise emissions due to the operation of the Facility. The Company:
 - a. shall carry out Acoustic Audit measurements in accordance with the procedures in Publication NPC-103;
 - b. shall submit an Acoustic Audit Report on the results of the Acoustic Audit, prepared by an Independent Acoustical Consultant, in accordance with the requirements of Publication NPC-233, to the District Manager and the Director, not later than twelve (12) months after the full implementation of the Noise Control Measures; and
 - c. shall submit, in conjunction with an Acoustic Audit Report, an Environmental Compliance Approval application requesting an amendment to the Approval to rescind the requirement for an Acoustic Audit Report as per Condition 6 of this Approval.
- 2. The Director:
 - a. may not accept the results of the Acoustic Audit if the requirements of Publication NPC-233 were not followed; and
 - b. may require the Company to repeat the Acoustic Audit if the results of the Acoustic Audit are found unacceptable to the Director.

REASONS

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

- 1. Condition No. 1 is included to emphasize that the Equipment must be maintained and operated according to a procedure that will result in compliance with the EPA, the Regulations and this Approval.

2. Condition No. 2 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, a requirement to prepare and retain a written report and to notify staff of the Ministry so as to assist the Ministry with the review of the site's compliance.
3. Condition No. 3 is included to require the Company to keep records and to provide information to staff of the Ministry so that compliance with the EPA, the Regulations and this Approval can be verified.
4. Condition No. 4 is included to provide the minimum performance requirements considered necessary to prevent an adverse effect resulting from the operation of the Facility.
5. Condition No. 5 is included to require the Company to notify/report to the Ministry so that compliance with the EPA, the regulations and this Approval can be verified.
6. Condition No. 6 is included to require the Company to gather accurate information and submit an Acoustic Audit Report in accordance with procedures set in the Ministry's noise guidelines, so that the environmental impact and subsequent compliance with this Approval can be verified.

APPEAL PROVISIONS

In accordance with Section 139 of the *Environmental Protection Act*, you may by written notice served upon me and the Ontario Land Tribunal, within 15 days after the service of this notice, require a hearing by the Tribunal. You must also provide notice to, the Minister of the Environment, Conservation and Parks in accordance with Section 47 of the *Environmental Bill of Rights*, 1993 who will place notice of your appeal on the Environmental Registry. Section 142 of the *Environmental Protection Act* provides that the notice requiring the hearing ("the Notice") 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:

- 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:

Registrar* Ontario Land Tribunal 655 Bay Street, Suite 1500 Toronto, Ontario M5G 1E5 OLT.Registrar@ontario.ca	and	The Minister of the Environment, Conservation and Parks 777 Bay Street, 5th Floor	and	The Director appointed for the purposes of Part II.1 of the <i>Environmental Protection Act</i> Ministry of the Environment, Conservation and Parks 135 St. Clair Avenue West, 1st
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Toronto, Ontario
M7A 2J3

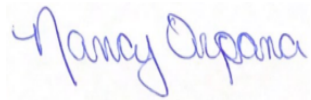
Floor
Toronto, Ontario
M4V 1P5

*** Further information on the Ontario Land Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 212-6349 or 1 (866) 448-2248, or [Ontario Land Tribunal's](#)**

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 [Environmental Registry of Ontario](#), 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 3rd day of January, 2025



Nancy Orpana

Director

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

c: Richard Hutton, PLAINTREE SYSTEMS INC

Michael Wells, Freefield Ltd.

Jessica Petrocco, BluMetric Environmental Inc