

ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER A-500-1224571399

Version: 1.0

Issue Date: August 19, 2024

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:

MULTISHRED INC.

2750 STEVENAGE DRIVE ,UNIT 1 AND 2
OTTAWA ONTARIO
K1G 3N2

For the following site:

Portable Shredding Unit

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 mobile electronic waste processing truck, operating one shredding unit at a time, consisting of following sources discharging to the air:

- fugitive emissions from one (1) mobile shredding unit Allegheny Dataslayer 406 Duel Hammermill Shredder, used for shredding electronic waste including solid-state drive (SSDs), computer circuit boards, cell phones (batteries removed), memory card and chips, compact disc (CD) and digital versatile disc (DVD), having a maximum processing capacity of 92.0 kilograms per day, and equipped with a 27.08 cubic meters per minute dust collector unit with a HEPA cartridge filter unit, powered by a common diesel generator, passively discharging into the air through the truck back door;
- fugitive emissions from one (1) mobile shredding unit JBF 3850 HD Micro Magnetic media hard drive shredder, used for shredding hard disk drives (HDDs), having a maximum processing capacity of 56.0 kilograms per day, powered by a common diesel generator, passively discharging into the air through the truck backdoor;
- fugitive emissions from one (1) mobile shredding unit JBF 3854 Magnetic media hard drive shredder, used for shredding hard disk drives (HDDs), having a maximum processing capacity of 280 kilograms per day, powered by a common diesel generator, passively discharging into the air through the truck back door; and
- one (1) common diesel generator rated at 55 kilowatts, equipped with Tier 4 Engine (as per U.S. EPA Emission Standards) exhausting to the air at a maximum volumetric flow rate of 0.0952 cubic metres per second at an approximate temperature of 376 degrees Celsius, through a stack, having an exit diameter of 0.0635 metres, extending 3.30 metres above grade.

all in accordance with the Application for an Approval (Air & Noise) dated September 08, 2023 and signed by Dominique Van Voorhis, the ESDM Report dated September 08, 2023 prepared by Jessica Petrocco from BluMetric Environmental Inc.; the Acoustic Assessment Report prepared by Aercoustics Engineering Limited, dated June 24, 2024 and signed by Kohl Clark; and all supporting information associated with the application, and email updates provided by Jessica Petrocco on March 14, 2024 and May 1, 2024.

DEFINITIONS

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

1. "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 Acoustic Assessment Report prepared by Aercoustics Engineering Limited, dated June 24, 2024, and signed by Kohl Clark;
2. "Acoustic Barrier" means a barrier or berm positioned such that it completely interrupts the line of sight between the Equipment and the noise sensitive Points of Reception continuous without holes, gaps and other penetrations, and having surface mass of at least 20 kilograms per square metre;
3. "Approval" means this Environmental Compliance Approval, including the application and all supporting documentation;
4. "Class 1 Area" means an area with an acoustical environment typical of a major population centre, where the background sound level is dominated by the activities of people, usually road traffic, often referred to as urban hum;
5. "Class 2 Area" means an area with an acoustical environment that has qualities representative of both Class 1 and Class 3 areas:
 - sound levels characteristic of Class 1 during daytime (07:00 to 19:00 or to 23:00 hours); and
 - low evening and night background sound level defined by natural environment and infrequent human activity starting as early as 19:00 hours (19:00 or 23:00 to 07:00 hours).
6. "Class 3 area" means a rural area with an acoustical environment that is dominated by natural sounds having little or no road traffic, such as:
 - a small community;
 - agricultural area;
 - a rural recreational area such as a cottage or a resort area; or
 - a wilderness area.
7. "Company" means Multishred Inc., that is responsible for the construction or operation of the Plant and includes any successors and assigns;
8. "Director" means any Ministry employee appointed by the Minister pursuant to Section 5 of the EPA;
9. "District Manager" means the District Manager of the appropriate local district office of the Ministry, at the geographic location where the Plant is operated;
10. "EPA" means the Environmental Protection Act, R.S.O. 1990, c.E.19, as amended;
11. "Equipment" means the equipment described in the Company's application, this Approval and in the supporting documentation referred to herein, to the extent approved by this Approval;
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 emissions from the Equipment including, but not limited to, silencers, acoustic louvers, enclosures, absorptive treatment, plenums and barriers, described in the Company's application, this Approval and in the supporting documentation referred to herein, to the extent approved by this Approval;
15. "Plant" means the entire portable electronic waste processing truck, incorporating the Equipment;

16. "Point of Reception" has the same meaning as in Publication NPC-300;
17. "Publication NPC-233" means Ministry Publication NPC-233 "Information to be Submitted for Approval of Stationary Sources of Sound" , October 1995;
18. "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.
19. "Sensitive Receptor" means any location where routine or normal activities occurring at reasonably expected times would experience adverse effect(s) from discharges from the Plant to the atmosphere, including one or a combination of:
 - a. private residences or public facilities where people sleep (e.g.: single and multi-unit dwellings, nursing homes, hospitals, trailer parks, camping grounds, etc.),
 - b. institutional facilities (e.g.: schools, churches, community centres, day care centres, recreational centres, etc.),
 - c. outdoor public recreational areas (e.g.: trailer parks, play grounds, picnic areas, etc.), and
 - d. other outdoor public areas where there are continuous human activities (e.g.: commercial plazas and office buildings).

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. Time Restrictions

1. The Company shall ensure that the Plant is not operated more than sixty (60) calendar days per year at any one site.
2. The Company shall limit the operation of the Plant to the daytime hours from 7 a.m. to 7 p.m.
3. The Company shall ensure that the Acoustic Barrier, when required, is erected within 7 working days of start-up of the Plant and until that time, the Plant operations shall be restricted to the daytime hours of 7 a.m. to 7 p.m., Monday to Friday.

2. Minimum Separation Distance to the Nearest Sensitive Receptor

1. The Company shall ensure a minimum separation distance of 30 metres between the boundary of the Plant and the nearest Sensitive Receptor.

3. Minimum Separation Distance to the Nearest Point of Reception

1. The Company shall ensure a minimum separation distance between the Plant and the nearest Point of Reception as specified in Schedule 2.

4. Noise Emissions

1. The Company shall, at all times, ensure that the noise emissions from the Plant comply with the limits determined in accordance with Ministry Publication NPC-300.

5. Noise Control Measures

1. The Company shall ensure that the Acoustic Barrier, when required, is implemented at all times during the operation of the Plant.
2. The Company shall ensure that the Acoustic Barrier, when required, is:
 - a. a minimum 6 metres high, 15 metres long, continuous without holes, gaps or other penetrations, and having a surface mass density of at least 20 kilograms per square metre, positioned in between the Plant and the Points of Reception that require shielding in such a way that the distance from the Acoustic

Barrier to the Plant should not exceed 40 metres; or

b. a minimum 5 metres high, 10 metres long, continuous without holes, gaps or other penetrations, and having a surface mass density of at least 20 kilograms per square metre, positioned in between the Plant and the Points of Reception that require shielding in such a way that the distance from the Acoustic Barrier to the Plant should not exceed 100 metres.

3. The Company shall ensure that the Acoustic Barrier, when required, is properly maintained and continuous to provide the acoustical performance outlined in the Acoustic Assessment Report.

6. Operation and Maintenance Manual

1. The Company shall ensure that the Plant/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 Plant/Equipment, including:
 - i. routine operating and maintenance procedures in accordance with good engineering practices and as recommended by the Equipment suppliers;
 - ii. emergency procedures;
 - iii. procedures for any record keeping activities relating to operation and maintenance of the Plant/Equipment; and
 - iv. all appropriate measures to minimize noise and fugitive dust emissions from all potential sources;

b. implement the recommendations of the Manual.

2. The Company shall ensure that the one shredding unit is operated at a time.

7. Fugitive Dust Control

1. The Company shall provide effective dust suppression for the Equipment and any other sources of fugitive dust emissions from the Equipment.

8. Marking of Portable Plant

1. The Company shall post a legible sign in a location which is accessible to the public, clearly identifying:

- a. the Company name;
- b. the number of this Approval;
- c. a brief description of the nature of the operation;
- d. a Company contact name and telephone number for the public to provide comments;
- e. hours of operation; and
- f. length of time the Company intends to operate the Plant at that location.

9. Keeping a Valid Approval

1. The Company shall ensure that a copy of this Approval, as well as any subsequent Amended Approvals or Notices that amend this Approval, are available for inspection by a Provincial Officer at each site where the Plant is operated.

10. 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;
- b. all records on the daily operation of the Plant/Equipment, including:
 - i. daily production rate;
 - ii. daily start-up and shut-down times of the Plant/Equipment;
- c. all records of any upset conditions associated with the operation of the Plant/Equipment;
- d. all records on the environmental complaints, including:
 - i. a description, time, date and location of each incident;
 - ii. operating conditions (e.g. upset conditions, etc.) at the time of the incident;
 - iii. wind direction and other weather conditions at the time of the incident;
 - iv. the name(s) of Company personnel responsible for handling the incident;
 - v. the cause of the incident;
 - vi. the Company response to the incident; and
 - vii. a description of the measures taken to address the cause of the incident and to prevent a similar occurrence in the future, and the outcome of the measures taken.

11. Notification of Complaints

1. The Company shall notify the District Manager, in writing, of each environmental complaint within two (2) business days of the complaint. The notification shall include:
 - a. a description of the nature of the complaint;
 - b. the time, date and location of the incident;
 - c. the wind direction and other weather conditions at the time of the incident; and
 - d. the name(s) of the Company personnel responsible for handling the incident.

12. Change of Owner

1. The Company shall notify the Director and the District Manager, in writing, of any of the following changes within thirty (30) days of the change occurring:
 - a. change of owner or operating authority, or both;
 - b. change of address of owner or operating authority or address of new owner or operating authority;
 - 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. B.17, as amended, shall be included in the notification;
 - 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. C.39, as amended, shall be included in the notification.
2. The Company shall notify any succeeding new owner, in writing, of the existence of this Approval, as well as any subsequent Amended Approvals or Notices that amend this Approval and, shall forward a copy of such a notice to the Director and the District Manager together with the notification required under paragraph 1 of this

condition.

13. Relocation

1. The Company shall notify the District Manager, in writing, at least one (1) business days in advance of any intended location of the Plant at each operating site, by submitting a completed Form 1, outlined in Schedule 1

REASONS

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

1. Conditions No. 1 to 8, inclusive, are included to provide the minimum performance requirements considered necessary to prevent an adverse effect resulting from the operation of the Plant/Equipment and to emphasize that the Plant/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. 9 and 10 is included to require the Company to keep records and to provide information to the Ministry so that compliance with the EPA, the regulations and this Approval can be verified.
3. Conditions No. 11 to 13, inclusive, are 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.

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:

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

The Notice should also include:

- I. The name of the appellant;
- II. The address of the appellant;
- III. The environmental compliance approval number;
- IV. The date of the environmental compliance approval;
- V. The name of the Director, and;
- VI. 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:

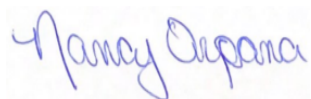
Registrar* Ontario Land Tribunal 655 Bay Street, Suite 1500 Toronto, Ontario M5G 1E5 OLT.Registrar@ontario.ca	and	The Minister of the Environment, Conservation and Parks 777 Bay Street, 5th Floor Toronto, Ontario M7A 2J3	and	The Director appointed for the purposes of Part II.1 of the <i>Environmental Protection Act</i> Ministry of the Environment, Conservation and Parks 135 St. Clair Avenue West, 1st Floor Toronto, Ontario M4V 1P5
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*** 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 www.olt.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 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 19th day of August, 2024



Nancy Orpana

Director

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

c: Dominique Van Voorhis

Jessica Petrocco, BluMetric Environmental Inc

Kohl Clark, Aercoustics Engineering

The following schedules are a part of this environmental compliance approval:

SCHEDULE 1

NOTICE OF RELOCATION FOR PORTABLE EQUIPMENT

1. Owner and/or Operator

- a. Company name:
- b. Contact person:
- c. Telephone number:

2. Proposed Location

- a. Municipality:
- b. Lot number:
- c. Concession number:

3. Operation

- a. Date of commencement and completion of operation: from to
- b. Hours of operation: from to
- c. Maximum processing rate (tonnes/hour):
- d. Description of Plant operating conditions including the operating scenario as defined in **Schedule 2** of this Approval:
- e. Type of material to be processed:

Please attach the following:

- 1. A copy of the Approval.
- 2. A plot plan, sketch or in writing of the proposed location showing the following:
 - a. distance between the Equipment and the nearest off-property Point of Reception;
 - b. distance between the Equipment and the nearest Sensitive Receptor; and
 - c. land use within 600 metres from the Equipment.

SCHEDULE 2

Minimum Required Separation Distances from the Plant to the Points of Reception

Table 1: Operating Scenario 1- without Acoustic Barrier

Publication NPC-300 Acoustical Area	Time of Operation	Sound Level Limit (dBA)	Minimum Separation Distance (metres)
Class 1	Day (7 a.m. to 7 p.m.)	50	320
Class 2	Day (7 a.m. to 7 p.m.)	50	320
Class 3	Day (7 a.m. to 7 p.m.)	45	580

Table 2: Operating Scenario 2 - with Acoustic Barrier 6 metres high and 15 metres long

Publication NPC-300 Acoustical Area	Time of Operation	Sound Level Limit (dBA)	Minimum Separation Distance (metres)
Class 1	Day (7 a.m. to 7 p.m.)	50	120
Class 2	Day (7 a.m. to 7 p.m.)	50	120
Class 3	Day (7 a.m. to 7 p.m.)	45	260

Note:

The Acoustic Barrier shall have a height of not less than 6 metres above local grade and a length of not less than 15 metres such that it will break the line-of-sight between the Plant and all Points of Reception. The Acoustic Barrier must be located at a distance of not more than 40 metres from the Plant.

Table 3: Operating Scenario 3 - with Acoustic Barrier 5 metres high and 10 metres long

Publication NPC-300 Acoustical Area	Time of Operation	Sound Level Limit (dBA)	Minimum Separation Distance (metres)
Class 1	Day (7 a.m. to 7 p.m.)	50	200
Class 2	Day (7 a.m. to 7 p.m.)	50	200
Class 3	Day (7 a.m. to 7 p.m.)	45	400

Note:

The Acoustic Barrier shall have a height of not less than 5 metres above local grade and a length of not less than 10 metres such that it will break the line-of-sight between the Plant and all Points of Reception. The Acoustic Barrier must be located at a distance of not more than 100 metres from the Plant.

