

AMENDED ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 3139-BPCPX3

Issue Date: July 20, 2020

Rayonier A.M. Canada G.P.
4 Place Ville-Marie
Suite 100
Montréal, QC H3B 2E7

Site Location:RYAM Lumber Chapleau Sawmill
175 Planer Road
Chapleau Township, District of Sudbury
P0M 1K0

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

Description Section

A dimensional softwood lumber manufacturing facility, registered on the *Technical Standards Registry* consisting of the following processes and support units:

- log handling and loading;
- log debarking;
- log and lumber cutting;
- wood chipping;
- drying kilns; and
- a wood combustion system comprised of the following:
 - one (1) *Wood Combustor*, designated as Boiler No. 2, rated to burn a maximum of 21.15 oven dried metric tonnes of *Clean Wood Based Fuels* per day, generating up to 12 million kilojoules of heat energy per hour, providing heat to two (2) wood drying kilns, and exhausting through a multiclone dust collector;
 - one (1) *Wood Combustor*, designated as Boiler No. 3, rated to burn a maximum of 21.15 oven dried metric tonnes of *Clean Wood Based Fuels* per day, generating up to 12 million kilojoules of heat energy per hour, providing heat to one (1) wood drying kiln; and exhausting through a multiclone dust collector;
 - each of the two (2) multiclone dust collectors discharges into the air at a combined volumetric flow rate of 3.36 cubic metres per second through a

common vertical stack, designated as BOILER_3, having an exit diameter of 0.76 metre, extending 8.5 metres above the roof and 17.1 metres above grade;

including the *Equipment* and any other ancillary and support processes and activities, operating at a *Facility Production Limit* of up to **200 million board feet per year** discharging to the air as described in the *Original ESDM Report* and the application for registration on the *Technical Standards Registry*, including all notifications to the *Ministry* after the registration on the *Technical Standards Registry* was granted to the *Facility*.

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. "*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*;
4. "*Acoustic Assessment Report*" means the report, prepared in accordance with *Publication NPC-233* and Appendix A of the *Basic Comprehensive User Guide*, by O2E Inc. and dated April 6, 2020 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*;

5. "*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*;
6. "*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*;
7. "*Acoustic Audit Report*" means a report presenting the results of an *Acoustic Audit*, prepared in accordance with *Publication NPC-233*;
8. "*AERMOD*" means the dispersion model developed by the American Meteorological Society/U.S. Environmental Protection Agency Regulatory Model Improvement Committee (AERMIC) including the PRIME (Plume Rise Model Enhancement) algorithm;
9. "*Approval*" means this entire Environmental Compliance Approval and any *Schedules* to it;
10. "*Basic Comprehensive User Guide*" means the *Ministry* document titled "Basic Comprehensive Certificates of Approval (Air) User Guide" dated March 2011, as amended;
11. "*Best Management Practices Plan*" means the document titled "Best Management Practices Plan for Fugitive Dust Emissions", dated June 27, 2013 and prepared by HSE Coordinator / Tembec;
12. "*Clean Wood Based Fuels*" means *Wood Fuel* that is not derived from particle board, laminated board, wood coated with paint or other coatings, salt laden wood, wood treated with preservatives or stain prevention agents;
13. "*Company*" means Rayonier A.M. Canada Industries Inc. and Rayonier A.M. Canada Enterprises Inc. operating as Rayonier A.M. Canada G.P. 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*;
14. "*Compound of Concern*" means a contaminant that is not registered by the *Company* on the *Technical Standards Registry*, and that is 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;
15. "*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*;
16. "*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*;

17. "*District Manager*" means the District Manager of the appropriate local district office of the *Ministry*, where the *Facility* is geographically located;
18. "*Emission Summary Table*" means a table described in paragraph 14 of subsection 26 (1) of *O. Reg. 419/05*;
19. "*Environmental Assessment Act*" means the Environmental Assessment Act, R.S.O. 1990, c.E.18, as amended;
20. "*EPA*" means the Environmental Protection Act, R.S.O. 1990, c.E.19, as amended;
21. "*Equipment*" means equipment or processes described in the *ESDM Report*, the *Technical Standard(s)* for which the *Company* is registered on the *Technical Standards Registry*, this *Approval* and in the *Schedules* referred to herein and any other equipment or processes;
22. "*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*;
23. "*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*;
24. "*Facility*" means the entire operation located on the property where the *Equipment* is located;
25. "*Facility Production Limit*" means the production limit placed by the *Director* on the main product(s) or raw materials used by the *Facility*;
26. "*Fuel Management Plan*" means a document or a set of documents prepared by the *Company* to provide written instructions to staff of the *Company* for the purpose of meeting the requirements of Condition 15 of this *Approval*;
27. "*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*;
28. "*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;

29. "*Manager*" means the Manager, Technology Standards Section, Technical Assessment and Standards Development Branch, who has been appointed under Section 5 of the *EPA* for the purposes of the Section 11(1)2 of *O. Reg. 419/05*, or any other person who represents and carries out the duties of the Manager, Technology Standards Section, Technical Assessment and Standards Development Branch, as those duties relate to the conditions of this *Approval*;
30. "*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;
31. "*Ministry*" means the ministry of the *Minister*;
32. "*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 (a) discharge or alter the rate or manner of discharge of a *Compound of Concern* to the air; or (b) discharge or alter the rate or manner of discharge of a contaminant registered by the *Company* on the *Technical Standards Registry*; or (c) discharge or alter noise or vibration emissions from the *Facility*;
33. "*Noise Abatement Action Plan*" means the noise abatement program developed by the *Company*, submitted to the *Director* and *District Manager* and approved by the *Director*, designed to achieve compliance with the sound level limits set in *Ministry Publication NPC-300*, as applicable. It also means the Noise Abatement Action Plan from the *Acoustic Assessment Report* dated April 6, 2020, prepared by O2E Inc.;
34. "*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, described in the *Company's* application, *Schedule "F"* of this *Approval* and in the supporting documentation referred to herein, including the *Acoustic Assessment Report*, to the extent approved by this *Approval*;
35. "*O. Reg. 419/05*" means Ontario Regulation 419/05, Air Pollution – Local Air Quality, as amended;
36. "*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 O2E Inc. and dated June 26, 2019 submitted in support of the application, and includes any changes to the report made up to the date of issuance of this *Approval*;

37. "*Performance Data*" means all records and information related to or resulting from the recording activities required by this *Approval*;
38. "*Point of Impingement*" has the same meaning as in section 2 of *O. Reg. 419/05*;
39. "*Point of Reception*" means Point of Reception as defined by *Publication NPC-300*;
40. "*Pre-Test Plan*" means a plan for the *Source Testing* including the information required in Section 5 of the *Source Testing Code*;
41. "*Procedure Document*" means *Ministry* guidance document titled "Procedure for Preparing an Emission Summary and Dispersion Modelling Report" dated February 2017, as amended;
42. "*Processes with Significant Environmental Aspects*" means the *Equipment* which, during regular operation, would discharge (a) a *Compound of Concern* 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* or (b) a contaminant registered by the *Company* on the *Technical Standards Registry*;
43. "*Publication NPC-103*" means the *Ministry* Publication NPC-103 of the Model Municipal Noise Control By-Law, Final Report, August 1978, published by the *Ministry* as amended;
44. "*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;
45. "*Publication NPC-233*" means the *Ministry* Publication NPC-233, "Information to be Submitted for Approval of Stationary Sources of Sound", October, 1995, as amended;
46. "*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;
47. "*Schedules*" means the following schedules attached to this *Approval* and forming part of this *Approval* namely:
 - Schedule A - Supporting Documentation
 - Schedule B - *Technical Standards* for which the *Company* is registered;

- Schedule C - *Test Contaminants*;
 - Schedule D - Source Test Procedure;
 - Schedule E - Continuous Monitoring Requirements; and
 - Schedule F - *Noise Abatement Action Plan*.
48. "*Shut-down*" means an operating condition during which the operation of a source of contaminant is decreased from a normal operating condition to an inoperative state;
 49. "*Source Testing*" means sampling and testing to measure emissions resulting from operating the equipment at a level of maximum production within the approved operating range of the equipment;
 50. "*Source Testing Code*" means the Ontario Source Testing Code, dated June 2010, prepared by the *Ministry*, as amended;
 51. "*Start-up*" means an operating condition during which the operation of a source of contaminant is increased from an inoperative state to normal operating conditions;
 52. "*Technical Standard*" has the same meaning as in section 1 of *O. Reg. 419/05*;
 53. "*Technical Standards Registry*" means the *Ministry's* Technical Standards Registry – Air Pollution for *Technical Standard* registrations described in section 39 of *O. Reg. 419/05* made under the *EPA*;
 54. "*Test Contaminants*" means those contaminants set out in *Schedule C* of this *Approval*;
 55. "*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;
 56. "*Wood Combustor*" means each of the two (2) wood-fired combustors, described in the *Company's* application, this *Approval* and in the supporting documentation submitted with the application, to the extent approved by this *Approval*; and
 57. "*Wood Fuel*" means wood wastes generated on site, consisting of wood shavings and wood residues from lumber dressing with no processing of the wood wastes that would change the nature of the wood.
 58. "*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
 - Schedule C - *Test Contaminants*;
 - Schedule D - Source Test Procedure;
 - Schedule E - Continuous Monitoring Requirements; and
 - Schedule F - *Noise Abatement Action Plan*.

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 or result in compliance with requirements of a *Technical Standard* for which the *Facility* is registered on the *Technical Standards Registry*.
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*, unless the addition or *Modification* is necessary in order to comply with a requirement of a *Technical Standard* for which the *Facility* is registered; 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 ensure, subsequent to the completion of the *Noise Abatement Action Plan*, that the noise emissions from the *Facility* comply with the limits set out in *Ministry Publication NPC-300*.

4. The *Company* shall 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*,

unless such operation is addressed by requirement in a *Technical Standard* for which the *Facility* is registered.

5. DOCUMENTATION REQUIREMENTS

1. The *Company* shall maintain an up-to-date *Log*.
2. No later than June 30 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 August 31 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. Condition 7.1 does not apply with respect to *Processes with Significant Environmental Aspects* which have requirements under a *Technical Standard* for which the *Company* is registered that are equivalent to the operating procedures and maintenance programs set out in Condition 7.1.
 3. Condition 7.2 does not apply with respect to procedures to prevent and/or minimize noise emissions.
 4. 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.
2. Condition 8.1 does not apply with respect to *Equipment* which has

requirements under a *Technical Standard* for which the *Company* is registered that are equivalent to the complaints recording and response procedures set out in Condition 8.1.

3. Condition 8.2 does not apply with respect to complaints recording and response procedures pertaining to noise emissions.

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*.

11. CONTINUOUS MONITORING

1. The *Company* shall install, conduct and maintain a program to continuously monitor the concentration of oxygen and carbon monoxide in the undiluted gas emitted from the combustion chamber of each *Wood Combustor*, the opacity in the flue gas leaving the *Wood Combustor* common stack, and the temperature of the hot combustion gases in each *Wood Combustor*. The

continuous monitoring system shall be equipped with continuous recording devices and shall comply with the requirements outlined in *Schedule E* of this *Approval*.

12. PERFORMANCE

1. The *Company* shall ensure that each *Wood Combustor* is designed and operated to comply, at all times, with the following performance requirements:
 - a. The concentration of oxygen in the undiluted gas emitted from the combustion chamber of each *Wood Combustor* shall not be less than 6 per cent by dry volume on a 3-hour rolling average.
 - b. The concentration of carbon monoxide in the undiluted gas emitted from each *Wood Combustor* is not greater than 500 parts per million on a dry basis, normalized to 11 per cent oxygen at a reference temperature of 25 degrees Celsius and a reference pressure of 101.3 kilopascals, 24-hour rolling average.
 - c. The concentration of suspended particulate matter at the *Wood Combustor* common stack shall not exceed 120 milligrams per dry cubic metre, normalized to 11 percent oxygen at a reference temperature of 25 degrees Celsius and a reference pressure of 101.3 kilopascals.
 - d. The opacity, as recorded by the continuous monitor in the flue gas leaving the *Wood Combustor* common stack, shall meet the requirements of section 46 of *O. Reg. 419/05*.
 - e. Only *Clean Wood Based Fuels* as defined by this *Approval* is used as fuel in each *Wood Combustor*.
2. The *Company* shall take reasonable steps to ensure that the operation of each *Wood Combustor* meets the following targets:
 - a. the temperature in the combustion chamber of each *Wood Combustor* is greater than 1,000 degrees Celsius; and
 - b. the residence time, of the products of combustion and the combustion air, in the combustion chamber of each *Wood Combustor* is not less than one (1) second.
3. Requirements in Conditions 12.1 (a), 12.1 (b), 12.1(c), 12.1(d), 12.2(a), 12.2(b) do not apply during the following periods:
 - a. The *Start-up* and *Shut-down* periods of each *Wood Combustor* if,
 - i. the *Shut-down* does not last for more than 6 hours,
 - ii. the *Start-up* does not last for more than 24 hours,
 - iii. the *Start-up* or *Shut-down* is conducted according to a written plan

that minimizes discharges into the air during the period of start-up or shut-down.

13. SOURCE TESTING

1. The *Company* shall perform *Source Testing* within three (3) years of the date of this *Approval*, or as otherwise indicated by the *District Manager*, and repeat the *Source Testing* every four (4) years, thereafter, unless the *Company* has received a confirmation in writing from the *District Manager* to change the frequency of the *Source Testing* or discontinue the *Source Testing*.
2. The *Company* shall perform the *Source Testing* following the *Source Testing Procedure* outlined in *Schedule D* of this *Approval*, to determine the rate of emission of the *Test Contaminants*, listed in *Schedule C* of this *Approval*, from the *Wood Combustor* common stack.

14. BI-ANNUAL TUNE-UP

1. The *Company* shall conduct, within two (2) years of the date of this *Approval* and repeat every two (2) years thereafter, a tune-up of each *Wood Combustor* to assist in achieving effective combustion. The tune-up shall include but not be limited to:
 - a. Physical inspection of the following:
 - i. fuel handling equipment
 - ii. fuel distribution equipment
 - iii. air dampers
 - iv. air measurement devices
 - v. grates or burners
 - b. Review of equipment performance including:
 - i. carbon monoxide and oxygen data
 - ii. airflow data
 - iii. air to fuel ratio data and verify operating within design criteria
 - iv. calibration data and performance of the continuous monitoring system
 - c. Conduct combustion test, including:
 - i. visual observation of combustion
 - ii. monitor and adjust excess air ratio
 - iii. monitor oxygen and carbon monoxide data

2. A report shall be prepared for each tune-up, retained for a minimum of five (5) years after its creation, and made available for review by the *Ministry* upon request.

15. FUEL MANAGEMENT PLAN

1. The *Company* shall, not later than three (3) months from the date of this *Approval*, prepare a *Fuel Management Plan*. The *Company* shall update the *Fuel Management Plan* as necessary. The *Fuel Management Plan* shall include, but not be limited to:
 - a. A list of the types of wood fuel that may be stored at the *Facility*.
 - b. For each type of wood fuel listed in 7.1.a, an identification of the parameters that will demonstrate the storage quality of the wood fuel, including size and moisture content.
 - c. For each parameter identified under 7.1.b, a determination of a range of values within which the wood fuel will be considered of acceptable quality for storage at the *Facility*.
 - d. A procedure to ensure that the wood fuel is tested to ensure that the value for each parameter identified under 7.1.b is within the range determined under 7.1.c for the parameter.
 - e. A procedure to ensure the wood fuel is inspected on a regular basis and that the inspection includes an inspection of the pile and of the feed system.
 - f. A procedure to ensure that wood fuel not considered acceptable for storage at the *Facility* is rejected and not stored at the *Facility*.
 - g. An indication of the maximum time that a wood fuel may be stored at the *Facility*.
 - h. A pile turn-over procedure to ensure that wood fuel that have been stored at the *Facility* longest is used first.
 - i. A procedure to ensure that records are prepared and retained at the *Facility* that set out,
 - i. the quantity of wood fuel purchased by the *Facility* and the source from which it was purchased,
 - ii. the quantity of wood fuel generated at the *Facility*, and
 - iii. the quantity of wood fuel rejected for storage at the *Facility*, in accordance with 7.1.f, and the reasons for the rejection.
2. The *Company* shall immediately implement and maintain the *Fuel Management Plan*.

16. NOTIFICATION REQUIREMENTS

1. The *Company* shall notify the *District Manager*, in writing either via email or letter, of each exceedance of the carbon monoxide limit and opacity limit specified in Condition 12, within five (5) business days of the exceedance, or as otherwise indicated by the *District Manager*. The notification shall include:
 - a. the type of wood being processed;
 - b. the moisture content of the material;
 - c. pollution control device parameters;
 - d. continuous monitoring system data; and
 - e. results of investigation on the cause(s) of the exceedance and remedial action(s) taken if deemed required.
2. The record of the notification shall be retained for a period of not less than three (3) years.
3. The *Company* shall make available, upon request by the *District Manager*, *Performance Data* of each *Wood Combustor*.

17. SUMMARY REPORTS

1. The *Company* shall prepare and submit to the *District Manager*, once every two (2) years, a Summary Report to summarize the performance and monitoring requirements included in this *Approval*. Each Summary Report shall include:
 - a. The following statistical information for each parameter listed in this *Approval* for which testing or continuous monitoring is required, excluding the periods listed in Condition 12.3:
 - i. the maximum measurement taken over the two-year period;
 - ii. the minimum measurement taken over the two-year period;
 - iii. the average measurement taken over the two-year period.
 - b. A record of all notices required to be given under Condition 16 during the two-year period.
 - c. The dates during the two-year period when *Start-up* or *Shut-down* of each *Wood Combustor* occurred.
 - d. A record of approved *Fuel Management Plan* procedures required in Condition 15 and details of instances where these were not followed, if any.
 - e. For each pollution control device associated with each *Wood Combustor*, the dates during the two-year period when the device did not operate.

- f. A record of the results from the bi-annual tune-up required under Condition 14 of this *Approval*.

18. FUGITIVE DUST CONTROL

1. The *Company* shall implement the *Best Management Practices Plan* for the control of fugitive dust emissions resulting from the operation of the *Facility*. The *Company* shall update the *Best Management Practices Plan* as necessary or at the direction of the *District Manager*.

19. NOISE ABATEMENT ACTION PLAN

1. The *Company* shall:
 - a. fully implement the *Noise Abatement Action Plan* specified in the *Acoustic Assessment Report* and detailed in *Schedule "F"* of this *Approval*, not later than twenty-four (24) months after the date noted on this *Approval*;
 - b. ensure that the *Noise Control Measures* are properly maintained and continue to provide the acoustical performance outlined in the *Acoustic Assessment Report*.

20. 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 six (6) months after the full implementation of the *Noise Abatement Action Plan*.
2. The *Director*:
 - a. may not accept the results of the *Acoustic Audit* if the requirements of *Publication NPC-233* were not followed;
 - b. may require the *Company* to repeat the *Acoustic Audit* if the results of the *Acoustic Audit* are found unacceptable to the *Director*.

SCHEDULE A

Supporting Documentation

1. Environmental Compliance Approval Application, dated July 3, 2019, signed by Ken Munnoch and submitted by the *Company*;
2. Emission Summary and Dispersion Modelling Report, prepared by O2E Inc. and dated June 26, 2019;
3. *Acoustic Assessment Report*, prepared by O2E Inc. and dated April 6, 2020;
4. Additional information submitted by email by O2E Inc. and dated October 1, 2019 and November 13, 2019.

SCHEDULE B

Technical Standards for which the Company is Registered

1. *Technical Standards Registry - Air Pollution, Forest Products - Industry Standard for acrolein, Ministry registration number 506-11-393-rv0 issued April 23, 2012.*

SCHEDULE C

Test Contaminants

Suspended Particulate Matter

Benzo(a)pyrene

SCHEDULE D

Source Testing Procedure

1. The *Company* shall submit, to the *Manager*, a *Pre-Test Plan* at least three (3) months prior to the scheduled *Source Testing* required under this *Approval*.
2. The *Company* shall finalize the *Pre-Test Plan* in consultation with the *Manager*.
3. The *Company* shall not commence the *Source Testing* required under this *Approval* until the *Manager* has approved the *Pre-Test Plan*.
4. The *Company* shall complete the *Source Testing* not later than three (3) months after the *Manager* has approved the *Pre-Test Plan*.
5. The *Company* shall notify the *Manager*, *District Manager*, and *Director* in writing of the location, date and time of any impending *Source Testing* required by this *Approval*, at least fifteen (15) days prior to the *Source Testing*.

6. The *Company* shall submit a report (hardcopy and electronic format) on the *Source Testing* to the *Manager*, *District Manager*, and *Director* not later than three (3) months after completing the *Source Testing*. The report shall be in the format described in the *Source Testing Code*, and shall also include, but not be limited to:

g. an executive summary;

h. an identification of the applicable North American Industry Classification System code (NAICS) for the *Facility*;

i. all records of the operating conditions, including the feed rate, the moisture content and the source of the *Clean Wood Based Fuels*, and the operating capacities of each *Wood Combustor*;

j. all records produced by the continuous monitoring system;

k. verification method and source of the data used for demonstrating the residence time requirements, as per Condition 12.2 of this *Approval*;

l. results of *Source Testing*, including the emission rate and emission concentration of the *Test Contaminants* from the *Wood Combustor* common stack;

m. results of dispersion calculations in accordance with *AERMOD*, or any other method accepted by the *Director*, indicating the *Point of Impingement* concentrations of the *Test Contaminants* listed in *Schedule C* of this *Approval*; and

n. a tabular comparison of *Source Testing* results for the *Wood Combustor* common stack and *Test Contaminants* to original emission rates described in the *Company's* application and the *ESDM Report*.

15. The *Director* may not accept the results of the *Source Testing* if:

p. the *Source Testing Code* or the requirements of the *Manager* were not followed;

q. the *Company* did not notify the *Manager*, the *District Manager*, and *Director* of the *Source Testing*; or

r. the *Company* failed to provide a complete report on the *Source Testing*.

19. If the *Director* does not accept the results of the *Source Testing*, the *Director* may require re-testing. If re-testing is required, the *Pre-Test Plan* strategies need to be revised and submitted to the *Manager* for approval. The actions taken to minimize the possibility of the *Source Testing* results not being accepted by the *Director* must be

noted in the revision.

20. If the *Source Testing* results are higher than the emission estimates in the *Company's ESDM Report*, the *Company* shall update their *ESDM Report* in accordance with Section 26 of *O. Reg. 419/05* with the results from the *Source Testing* report and make these records available for review by staff of the *Ministry* upon request. The updated *Emission Summary Table* from the updated *ESDM Report* shall be submitted with the report on the *Source Testing*.

SCHEDULE E

Continuous Monitoring Requirements

PARAMETER:

Temperature

LOCATION:

The continuous temperature monitor shall be installed at an accessible location where the measurements are representative of the actual operating temperatures in each *Wood Combustor*.

PERFORMANCE:

The continuous temperature monitor shall meet the following minimum performance specifications for the following parameters:

PARAMETERS	SPECIFICATION
Type	shielded "K" type thermocouple, or equivalent
Accuracy	plus or minus 1.5 percent of the minimum gas temperature

DATA RECORDER:

The data recorder must be capable of registering continuously the measurement of the monitor without a significant loss of accuracy and with a time resolution of 1 minute or better.

RELIABILITY:

The monitor shall be operated and maintained so that accurate data is obtained during

a minimum of 90 percent of the time, on a quarterly basis, when the *Wood Combustor* is in operation.

PARAMETER:

Oxygen

INSTALLATION:

The continuous oxygen monitor shall be installed at an accessible location where the measurements are representative of the actual concentrations of oxygen in the undiluted gases leaving each *Wood Combustor* and shall meet the following installation specifications:

PARAMETERS	SPECIFICATION
Range (percentage)	0 - 20 or 0 - 25
Calibration Gas Ports	close to the sample point

PERFORMANCE:

The continuous oxygen monitor shall meet the following minimum performance specifications for the following parameters:

PARAMETERS	SPECIFICATION
Span Value (percentage)	2 times the average normal concentration of the source
Relative Accuracy	less than or equal to 10 percent of the mean value of the reference method test data
Calibration Error	0.25 percent O ₂
System Bias	less than or equal to 4 percent of the mean value of the reference method test data
Procedure for Zero and Span Calibration Checks	all system components checked
Zero Calibration Drift (24-hour)	less than or equal to 0.5 percent O ₂
Span Calibration Drift (24-hour)	less than or equal to 0.5 percent O ₂
Response Time (90 percent response to a step change)	less than or equal to 90 seconds
Operational Test Period	at least 168 hours without corrective maintenance

CALIBRATION:

The monitor shall be calibrated daily at the sample point, to ensure that it meets the specifications quoted above, during all periods of the operation of the *Wood Combustor*. The results of all calibrations shall be recorded at the time of calibration.

DATA RECORDER:

The data recorder must be capable of registering continuously the measurement of the monitor with an accuracy of 0.5 percent of a full scale reading or better and with a time resolution of 5 minutes or better.

RELIABILITY:

The monitor shall be operated and maintained so that accurate data is obtained during a minimum of 90 percent of the time, on a quarterly basis, when the *Wood Combustor* is in operation.

PARAMETER:

Carbon Monoxide

INSTALLATION:

The continuous carbon monoxide monitor shall be installed at an accessible location where the measurements are representative of the actual concentrations of carbon monoxide in the undiluted gases leaving each *Wood Combustor* and shall meet the following installation specifications:

PARAMETERS	SPECIFICATION
Range (parts per million, ppm)	0 to 500 highest concentration anticipated from the source
Calibration Gas Ports	close to the sample point

PERFORMANCE:

The continuous carbon monoxide monitor shall meet the following minimum performance specifications for the following parameters:

PARAMETERS	SPECIFICATION
Span Value (nearest ppm equivalent)	2 times the average normal concentration of the source
Relative Accuracy	less than or equal to 10 percent of the mean value of the reference method test data or plus or minus 5 parts per million, whichever is greater

Calibration Error	less than or equal to 2 percent of actual concentration
System Bias	less than or equal to 4 percent of the mean value of the reference method test data
Procedure for Zero and Span Calibration Checks	all system components checked
Zero Calibration Drift (24-hour)	less than or equal to 5 percent of span value
Span Calibration Drift (24-hour)	less than or equal to 5 percent of span value
Response Time (90 percent response to a step change)	less than or equal to 90 seconds
Operational Test Period	at least 168 hours without corrective maintenance

CALIBRATION:

The monitor shall be calibrated daily at the sample point, to ensure that it meets the drift limits specified above, during the periods of the operation of the *Wood Combustor*. The results of all calibrations shall be recorded at the time of calibration.

DATA RECORDER:

The data recorder must be capable of registering continuously the measurement of the monitor with an accuracy of 0.5 percent of a full scale reading or better and with a time resolution of 2 minutes or better.

RELIABILITY:

The monitor shall be operated and maintained so that accurate data is obtained during a minimum of 90 percent of the time, on a quarterly basis, when the *Wood Combustor* is in operation.

PARAMETER:

Opacity

INSTALLATION:

The continuous opacity monitor shall be installed at an accessible location where the measurements are representative of the actual opacity of the gases leaving the *Wood Combustor* common stack and shall meet the following installation specifications:

PARAMETERS	SPECIFICATION
Wavelength at Peak Spectral Response	500 to 600

(nanometres)	
Wavelength at Mean Spectral Response (nanometres)	500 to 600
Detector Angle of View	5 degrees maximum
Angle of Projection	5 degrees maximum
Range (percent of opacity)	0 to 100

PERFORMANCE:

The continuous opacity monitor shall meet the following minimum performance specifications for the following parameters:

PARAMETERS	SPECIFICATION
Span Value (percent opacity)	2 times the average normal opacity of the source
Calibration Error	3 percent opacity maximum
Attenuation Calibration	2 percent opacity maximum
Response Time (95 percent response to a step change)	10 seconds maximum
Schedule for Zero and Span Calibration Checks	Daily minimum
Procedure for Zero and Span Calibration Checks	all system components checked
Zero Calibration Drift (24-hour)	2 percent maximum opacity
Span Calibration Drift (24-hour)	2 percent maximum opacity
Conditioning Test Period	at least 168 hours without corrective maintenance
Operational Test Period	at least 168 hours without corrective maintenance

CALIBRATION:

The monitor shall be calibrated daily, to ensure that it meets the drift limits specified above, during the periods of the operation of the *Wood Combustor*. The results of all calibrations shall be recorded at the time of calibration.

DATA RECORDER:

The data recorder must be capable of registering continuously the measurement of the monitor with an accuracy of 0.5 percent of a full scale reading or better and with a time resolution of 30 seconds or better.

RELIABILITY:

The monitor shall be operated and maintained so that accurate data is obtained during a minimum of 90 percent of the time, on a quarterly basis, when the *Wood Combustor* is in operation.

SCHEDULE F

Noise Abatement Action Plan

1. One (1) acoustic enclosure for the Planer Blower (Shavings) identified as noise Source s22, capable of providing the following values of Insertion-Loss in 1/1 octave frequency bands:

Centre Frequency (Hertz)	63	125	250	500	1000	2000	4000	8000
Insertion-Loss (decibel)	5	8	12	15	18	18	12	8

2. One (1) acoustic silencer for the Planer Mill Dust Collection System identified as noise Source CF-6, capable of providing the following values of Insertion-Loss in 1/1 octave frequency bands:

Centre Frequency (Hertz)	63	125	250	500	1000	2000	4000	8000
Insertion-Loss (decibel)	5	11	26	42	46	21	15	10

3. One (1) 4.0 metres high, two-sided, acoustically-insulated, partial enclosure with a roof for the Planer Blower Inlet identified as noise Source s19 and as depicted in Figure 5 of the *Acoustic Assessment Report*. The partial enclosure shall be capable of providing the following values of Transmission-Loss in 1/1 octave frequency bands:

Centre Frequency (Hertz)	63	125	250	500	1000	2000	4000	8000
Transmission-Loss (decibel)	14	17	18	25	30	26	32	38

4. One (1) 4.0 metres high, U-shaped acoustic floating barrier topped at 7.0 metres above ground. The acoustic barrier shall be located adjacent to Planer Chip Cyclone identified as noise Source s13 and as depicted in Figure 6 of the *Acoustic Assessment Report*. The acoustic barrier shall be capable of providing the following values of Transmission-Loss in 1/1 octave frequency bands:

Centre Frequency (Hertz)	63	125	250	500	1000	2000	4000	8000
Transmission-Loss (decibel)	14	17	18	25	30	26	32	38

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, along with a list of contaminants registered by the *Company* on the *Technical Standards Registry* 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

Conditions No. 6, 16 and 17 are 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*.

9. CONTINUOUS MONITORING AND TESTING

Conditions No. 11 and 13 are included to require the *Company* to gather accurate information, so that the environmental impact and subsequent compliance with the *EPA*, the Regulations and this *Approval*, can be verified..

10. PERFORMANCE

Condition No. 12 is included to outline the minimum performance requirements considered necessary to prevent an adverse effect resulting from the operation of the *Wood Combustor*.

11. INSPECTIONS, ASSESSMENTS, FUGITIVE DUST CONTROL AND FUEL MANAGEMENT

Conditions No. 14, 15 and 18 are 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*.

12. NOISE ABATEMENT ACTION PLAN

Condition No. 19 is included to require the *Company* to implement a *Noise Abatement Action Plan* designed to ensure that the noise emissions from the *Facility* will be in compliance with applicable limits set in the *Ministry's* noise guidelines.

13. ACOUSTIC AUDIT

Condition No. 20 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 the *EPA*, the regulation and this *Approval* can be verified.

Upon issuance of the environmental compliance approval, I hereby revoke Approval No(s). 8932-AXANJA issued on April 25, 2018

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.

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:

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

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 20th day of July,
2020

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

SM/
c: Area Manager, MECP Sault Ste. Marie
c: District Manager, MECP Sudbury
Tim Logan, O2E Inc.