

ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 2795-BB6LGF

Issue Date: September 3, 2019

Taggart Aggregates Ltd.
3187 Albion Road South
Ottawa, Ontario
K1V 8Y3

Site Location: Mobile

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:

one (1) portable crushing plant (Configuration 1: *Equipment* set up as per Figure 3A of *ESDM Report*) equipped with water spray system for dust control, having a maximum throughput rate of 415 tonnes per hour, including the following equipment discharging into the air:

- two (2) crushers;
- two (2) screeners;
- two (2) front end loaders;
- stackers;
- one (1) diesel fired generator rated at 750 kilowatt ; and
- fugitive emissions from the handling, temporary storage and transfer of aggregate materials associated with the portable crushing plant operations.

OR

one (1) portable crushing plant (Configuration 2: *Equipment* set up as per Figure 3B of *ESDM Report*) equipped with water spray system for dust control, having a maximum throughput rate of 415 tonnes per hour, including the following equipment discharging into the air:

- one (1) crusher;
- one (1) screener;
- two (2) front end loaders;

- stackers;
- one (1) diesel fired generator rated at 750 kilowatt ; and
- fugitive emissions from the handling, temporary storage and transfer of aggregate materials associated with the portable crushing plant operations.

All in accordance with the Environmental Compliance Approval Application (Air and Noise) submitted by Taggart Aggregates Ltd., dated October 31, 2018 and signed by Mike Taggart, President, including Emission Summary and Dispersion Modelling Report, BCX File No. 1315-01.01, dated October 2018, the *Acoustic Assessment Report* prepared by HGC Engineering, HGC project number 01800651, dated November 1, 2018, and all the supporting information.

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 *Plant* . "*Acoustic Assessment Report*" also means the *Acoustic Assessment Report* prepared by HGC Engineering, dated November 1, 2018 and signed by Corey Kinart, P.Eng.;
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 density of at least 20 kilograms per square metre;
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 *Plant*, assessed to determine compliance with the Performance Limits for the *Plant* 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. "*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 *Plant*;
6. "*Approval*" means this Environmental Compliance Approval, including the application and supporting documentation listed above;
7. "*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";

8. "*Class 2 Area*" means an area with an acoustical environment that has qualities representative of both Class 1 and Class 3 areas:
 1. Sound levels characteristic of Class 1 during daytime (07:00 to 19:00 or to 23:00 hours); and
 2. 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);
9. "*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:
 1. a small community;
 2. agricultural area;
 3. a rural recreational area such as a cottage or a resort area; or
 4. a wilderness area;
10. "*Company*" means Taggart Aggregates Ltd. that is responsible for the construction or operation of the *Plant* and includes any successors and assigns in accordance with section 19 of the *EPA*;
11. "*Corporations Information Act*" means the Corporations Information Act, R.S.O. 1990, c. C.39, as amended;
12. "*Director*" means a person appointed by the Minister pursuant to section 5 of the *EPA*;
13. "*District Manager*" means the District Manager of the appropriate local district office of the *Ministry*, where the *Plant* is geographically located;
14. "*EPA*" means the Environmental Protection Act, R.S.O. 1990, c.E.19, as amended;
15. "*Equipment*" means the equipment and processes described in the *Company's* application, this *Approval* and in the supporting documentation referred to herein, to the extent approved by this *Approval*;
16. "*ESDM Report*" means the Emission Summary and Dispersion Modelling Report, BCX File No. 1315-01.01, dated October 2018, which was prepared in accordance with section 26 of *O.Reg. 419/05* and the *Procedure Document* by BCX Environmental Consulting, and signed by Neil Chan submitted in support of the application;
17. "*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 *Plant* 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 *Plant* and/or *Equipment*;

18. "*Manual*" means a document or a set of documents that provides written instructions to staff of the *Company*;
19. "*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;
20. "*Noise Control Measures*" means measures to reduce the noise emissions from the *Plant / 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*;
21. "*O.Reg.419/05*" means Ontario Regulation 419/05, Air Pollution - Local Air Quality, as amended;
22. "*Partnerships Registration Act*" means the Partnerships Registration Act, RSO 1980, c 371, as amended;
23. "*Plant*" means any one of the two (2) portable crushing plants (Configuration 1 or Configuration 2), incorporating the *Equipment* ;
24. "*Point of Reception*" means a Point of Reception as defined in *Publication NPC-300*;
25. "*Procedure Document*" means *Ministry* guidance document titled "Procedure for Preparing an Emission Summary and Dispersion Modelling Report" dated March 2018, as amended;
26. "*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;
27. "*Publication NPC-233*" means *Ministry Publication NPC-233* "Information to be Submitted for Approval of Stationary Sources of Sound" , October 1995;
28. "*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;
29. "*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:
 1. private residences or public facilities where people sleep (eg: single and multi-unit dwellings, nursing homes, hospitals, trailer parks, camping grounds, etc.);
 2. institutional facilities (eg: schools, churches, community centres, day care centres, recreational centres, etc.);
 3. outdoor public recreational areas (eg: trailer parks, play grounds, picnic areas, etc.); and

4. other outdoor public areas where there are continuous human activities (eg: commercial plazas and office buildings).

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. PERFORMANCE REQUIREMENTS

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*.

2. OPERATION AND MAINTENANCE

1. Time Restrictions

- a. The *Company* shall ensure that the *Plant* is not operated more than sixty (60) calendar days per year at any one site.
- b. The *Company* shall ensure that the *Acoustic Barrier*, when required, is erected within seven (7) working days of start-up of the *Equipment* and during 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(s) to the Nearest Sensitive Receptor

- a. The *Company* shall ensure the minimum separation distances prescribed in Schedule "A" are maintained between the *Plant* and the nearest *Sensitive Receptor*.

3. Minimum Separation Distance(s) to the Nearest Point of Reception

- a. The *Company* shall ensure minimum separation distances prescribed in Schedule "B" between the *Plant* and the nearest *Point of Reception*.

4. Noise Control Measures

- a. Except as noted in Condition 2.1.b, the *Company* shall ensure that the *Acoustic Barrier*, when required, is implemented at all times during the operation of the *Plant*.
- b. The *Company* shall ensure that the *Acoustic Barrier*, when required, is a minimum 8 metres high, continuous without holes, gaps or other penetrations, having a surface mass density of at least 20 kilograms per square metre.

- c. The *Company* shall ensure that the *Acoustic Barrier*, when required, is positioned in between the *Plant* and the *Point of Reception* that require shielding, in such a way that the distance from the *Acoustic Barrier* to the *Plant* is not greater than 90 metres as specified in the *Acoustic Assessment Report*.
- d. The *Company* shall ensure that the *Acoustic Barrier*, when required, is properly maintained and continues to provide the acoustical performance outlined in the *Acoustic Assessment Report*.

5. Operation and Maintenance Manual

- a. The *Company* shall ensure that the *Plant* is properly operated and maintained at all times. The *Company* shall:
 - i. prepare, before commencement of operation of the *Equipment*, and update, as necessary, a *Manual* outlining the operating procedures and a maintenance program for the *Plant/Equipment*, including:
 - A. routine operating and maintenance procedures in accordance with good engineering practices, and as recommended by the *Equipment* suppliers;
 - B. emergency procedures;
 - C. procedures for any record keeping activities relating to operation and maintenance of the *Plant/Equipment*;
 - D. the frequency of inspection of the *Equipment*;
 - E. all appropriate measures to minimize dust and noise emissions from all potential sources; and
 - F. procedures for recording and responding to environmental complaints relating to the operation of the *Plant*.
 - b. implement the recommendations of the *Manual*.

6. Fugitive Dust Control

- a. The *Company* shall provide effective dust suppression to the *Plant/Equipment* and any other sources of fugitive dust emissions from the *Plant/Equipment*.

7. Marking of Portable Plant

- a. The *Company* shall post a legible sign in a location which is accessible to the public, clearly identifying:
 - i. the *Company* name;
 - ii. the number of this *Approval*;
 - iii. a brief description of the nature of the operation;
 - iv. a *Company* contact name and telephone number for the public to provide comments;
 - v. hours of operation; and
 - vi. length of time the *Company* intends to operate the *Plant* at that location.

8. Keeping a Valid Approval

- a. 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 the *Ministry* at each site where the *Plant* is operated.

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 *Plant/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.

4. NOTIFICATION REQUIREMENTS

1. Notification of Complaints

- a. 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:
 - i. a description of the nature of the complaint;
 - ii. the time, date and location of the incident;
 - iii. the wind direction and other weather conditions at the time of the incident; and
 - iv. the name(s) of *Company* personnel responsible for handling the incident.

2. Change of Owner

- a. The *Company* shall notify the *Director* and the *District Manager* , in writing, of any of the following changes within one (1) month of the change occurring:
 - i. change of owner or operating authority, or both;
 - ii. change of address of owner or operating authority or address of new owner or operating authority;
 - iii. change of partners if the owner or operating authority is or at any time becomes a partnership, with a copy of the most recent declaration filed under the *Partnerships Registration Act* included in the notification to the *Director* and the *District Manager*;
 - iv. change of name of the corporation if the owner or operating authority is or at any time becomes a corporation, with a copy of the "Initial Notice" or the most recent "Notice of Change" (Form 1, 2 or 3 of O. Reg. 189, R.R.O. 1980, as amended from time to time), filed under the *Corporations Information Act* included in the notification to the *Director* and the *District Manager*.

- b. 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 Condition number 4.2.a.

3. Relocation

- a. The *Company* shall notify the *District Manager*, in writing, at least ten (10) business days in advance of any intended location of the *Plant* at each operating site, by submitting a completed Form 1, outlined in Schedule "C".

5. MISCELLANEOUS

1. The *Company* shall operate only one (1) portable crushing plant (Configuration 1: *Equipment* set up as per Figure 3A of *ESDM Report* or Configuration 2: *Equipment* set up as per Figure 3B of *ESDM Report*) at a time at any one site per calendar year; and
2. The *Company* shall ensure that two (2) *Plants* are not operated on adjacent sites at the same time.

6. ACOUSTIC AUDIT

1. The *Company* shall carry out *Acoustic Audit* measurements on the actual noise emissions due to the operation of the *Plant*. The *Company* shall:
 - a. carry out *Acoustic Audit* measurements in accordance with the procedures in *Publication NPC-103*;
 - b. carry out *Acoustic Audit* measurements for operating scenario 1 as specified in Schedule "B", when crushing good quality hard rock coarse aggregate, composed of hard, durable, uncoated fragments of consistent quality throughout, produced from bedrock formations or boulders.
 - c. 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 date 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;
 - 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

Minimum Required Separation Distances from Sensitive Receptors

Scenarios	Minimum Separation Distances
Scenario 1A: Two crushers, two screeners with diesel generator; dry aggregate moisture content is at least 1%	Between 1,013 - 1,314 metres <ul style="list-style-type: none"> ● minimum separation distance measured from the centre of the surge bin (Hopper 2); ● refer to contour plot in Appendix E of the <i>ESDM Report</i> - Scenario 1A
Scenario 1B: Two crushers, two screeners with diesel generator; wet aggregate moisture content is at least 4.8%	Between 280 - 363 metres <ul style="list-style-type: none"> ● minimum separation distance measured from the centre of the surge bin (Hopper 2); ● refer to contour plot in Appendix E of the <i>ESDM Report</i> - Scenario 1B
Scenario 2A: Two crushers, two screeners with diesel generator; dry aggregate moisture content is at least 1%	Between 539 - 631 metres <ul style="list-style-type: none"> ● minimum separation distance measured from the centre of the surge bin (Hopper 2); ● refer to contour plot in Appendix E of the <i>ESDM Report</i> - Scenario 2A
Scenario 2B: Two crushers, two screeners with diesel generator; wet aggregate moisture content is at least 4.8%	Between 265 - 335 metres <ul style="list-style-type: none"> ● minimum separation distance measured from the centre of the surge bin (Hopper 2); ● refer to contour plot in Appendix E of the <i>ESDM Report</i> - Scenario 2B
Scenario 3A: One crusher, one screener with diesel generator; dry aggregate moisture content is at least 1%	Between 1,115 - 1,174 metres <ul style="list-style-type: none"> ● minimum separation distance measured from the centre of the surge bin (Hopper 1); ● refer to contour plot in Appendix E of the <i>ESDM Report</i> - Scenario 3A
Scenario 3B: One crusher, one screener with diesel generator; wet aggregate moisture content is at least 4.8%	Between 324 - 368 metres <ul style="list-style-type: none"> ● minimum separation distance measured from the centre of the surge bin (Hopper 1); ● refer to contour plot in Appendix E of the <i>ESDM Report</i> - Scenario 3B
Scenario 4A: One crusher, one screener with diesel generator; dry aggregate moisture content is at least 1%	Between 545 - 590 metres <ul style="list-style-type: none"> ● minimum separation distance measured from the centre of the surge bin (Hopper 1); ● refer to contour plot in Appendix E of the <i>ESDM Report</i> - Scenario 4A
Scenario 4B: One crusher, one screener with diesel generator; wet aggregate moisture content is at least 4.8%	Between 267 - 335 metres <ul style="list-style-type: none"> ● minimum separation distance measured from the centre of the surge bin (Hopper 1); ● refer to contour plot in Appendix E of the <i>ESDM Report</i> - Scenario 4B

SCHEDULE B

OPERATING SCENARIOS AND MINIMUM SEPARATION DISTANCES TO THE NEAREST POINTS OF RECEPTION

1. Jaw and Cone Crusher *Plant*, including one (1) jaw crusher, one (1) cone crusher, one (1) screen, one (1) diesel fired generator and two (2) front end loaders. The minimum required separation distances between the *Plant* and the nearest *Point of Reception* shall be maintained as listed in Table 1 below, when there is no *Acoustic Barrier* present.
2. Jaw and Cone Crusher *Plant*, including one (1) jaw crusher, one (1) cone crusher, one (1) screen, one (1) diesel fired generator and two (2) front end loaders. The minimum required separation distances between the *Plant* and the nearest *Point of Reception* shall be maintained as listed in Table 2 below, when there is an 8 metres high *Acoustic Barrier* present. The *Acoustic Barrier* shall be setback not more than 90 metres from the crusher. The *Acoustic Barrier* shall completely break the line of sight between all noise sources at the site and all noise *Sensitive Receptors*. Each end of the *Acoustic Barrier* shall extend laterally beyond the line of sight between the noise sources and any *Point of Reception* by a minimum of 13 metres.
3. Jaw Crusher *Plant*, including one (1) jaw crusher, one (1) screen, one (1) diesel fired generator and two (2) front end loaders. The minimum required separation distances between the *Plant* and the nearest *Point of Reception* shall be maintained as listed in Table 3 below, when there is an 8 metres high *Acoustic Barrier* present. The *Acoustic Barrier* shall be setback not more than 90 metres from the crusher. The *Acoustic Barrier* shall completely break the line of sight between all noise sources at the site and all noise *Sensitive Receptors*. Each end of the *Acoustic Barrier* shall extend laterally beyond the line of sight between the noise sources and any *Point of Reception* by a minimum of 13 metres.
4. Jaw Crusher *Plant*, including one (1) jaw crusher, one (1) screen, one (1) diesel fired generator and two (2) front end loaders. The minimum required separation distances between the *Plant* and the nearest *Point of Reception* shall be maintained as listed in Table 4 below, when there is an 8 metres high *Acoustic Barrier* present. The *Acoustic Barrier* shall be setback not more than 90 metres from the crusher. The *Acoustic Barrier* shall completely break the line of sight between all noise sources at the site and all noise *Sensitive Receptors*. Each end of the *Acoustic Barrier* shall extend laterally beyond the line of sight between the noise sources and any *Point of Reception* by a minimum of 13 metres.
5. Cone Crusher *Plant*, including one (1) cone crusher, one (1) screen, one (1) diesel fired generator and two (2) front end loaders. The minimum required separation distances between the *Plant* and the nearest *Point of Reception* shall be maintained as listed in Table 5 below, when there is no *Acoustic Barrier* present.

6. Cone Crusher *Plant*, including one (1) cone crusher, one (1) screen, one (1) diesel fired generator and two (2) front end loaders. The minimum required separation distances between the *Plant* and the nearest *Point of Reception* shall be maintained as listed in Table 6 below, when there is an 8 metres high *Acoustic Barrier* present. The *Acoustic Barrier* shall be setback not more than 90 metres from the crusher. The *Acoustic Barrier* shall completely break the line of sight between all noise sources at the site and all noise *Sensitive Receptors*. Each end of the *Acoustic Barrier* shall extend laterally beyond the line of sight between the noise sources and any *Point of Reception* by a minimum of 13 metres.

Table 1: Jaw and Cone Crushing Plant - 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	880
Class 1	Evening (7 p.m. to 11 p.m.)	50	880
Class 1	Night (11 p.m. to 7 a.m.)	45	1,365
Class 2	Day (7 a.m. to 7 p.m.)	50	880
Class 2	Evening (7 p.m. to 11 p.m.)	45	1,365
Class 2	Night (11 p.m. to 7 a.m.)	45	1,365
Class 3	Day (7 a.m. to 7 p.m.)	45	1,365
Class 3	Evening (7 p.m. to 11 p.m.)	40	2,055
Class 3	Night (11 p.m. to 7 a.m.)	40	2,055

Table 2: Jaw and Cone Crushing Plant - With an 8 metres high 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	560
Class 1	Evening (7 p.m. to 11 p.m.)	50	560
Class 1	Night (11 p.m. to 7 a.m.)	45	910
Class 2	Day (7 a.m. to 7 p.m.)	50	560
Class 2	Evening (7 p.m. to 11 p.m.)	45	910
Class 2	Night (11 p.m. to 7 a.m.)	45	910
Class 3	Day (7 a.m. to 7 p.m.)	45	910
Class 3	Evening (7 p.m. to 11 p.m.)	40	1,415
Class 3	Night (11 p.m. to 7 a.m.)	40	1,415

Table 3: Jaw Crushing Plant - 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	865
Class 1	Evening (7 p.m. to 11 p.m.)	50	865
Class 1	Night (11 p.m. to 7 a.m.)	45	1,345
Class 2	Day (7 a.m. to 7 p.m.)	50	865
Class 2	Evening (7 p.m. to 11 p.m.)	45	1,345
Class 2	Night (11 p.m. to 7 a.m.)	45	1,345
Class 3	Day (7 a.m. to 7 p.m.)	45	1,345
Class 3	Evening (7 p.m. to 11 p.m.)	40	2,030
Class 3	Night (11 p.m. to 7 a.m.)	40	2,030

Table 4: Jaw Crushing Plant - With an 8 metres high 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	545
Class 1	Evening (7 p.m. to 11 p.m.)	50	545
Class 1	Night (11 p.m. to 7 a.m.)	45	895
Class 2	Day (7 a.m. to 7 p.m.)	50	545
Class 2	Evening (7 p.m. to 11 p.m.)	45	895
Class 2	Night (11 p.m. to 7 a.m.)	45	895
Class 3	Day (7 a.m. to 7 p.m.)	45	895
Class 3	Evening (7 p.m. to 11 p.m.)	40	1,400
Class 3	Night (11 p.m. to 7 a.m.)	40	1,400

Table 5: Cone Crushing Plant - 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	805
Class 1	Evening (7 p.m. to 11 p.m.)	50	805
Class 1	Night (11 p.m. to 7 a.m.)	45	1,265
Class 2	Day (7 a.m. to 7 p.m.)	50	805
Class 2	Evening (7 p.m. to 11 p.m.)	45	1,265
Class 2	Night (11 p.m. to 7 a.m.)	45	1,265
Class 3	Day (7 a.m. to 7 p.m.)	45	1,265
Class 3	Evening (7 p.m. to 11 p.m.)	40	1,930
Class 3	Night (11 p.m. to 7 a.m.)	40	1,930

Table 6: Cone Crushing Plant - With an 8 metres high 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	495
Class 1	Evening (7 p.m. to 11 p.m.)	50	495
Class 1	Night (11 p.m. to 7 a.m.)	45	835
Class 2	Day (7 a.m. to 7 p.m.)	50	495
Class 2	Evening (7 p.m. to 11 p.m.)	45	835
Class 2	Night (11 p.m. to 7 a.m.)	45	835
Class 3	Day (7 a.m. to 7 p.m.)	45	835
Class 3	Evening (7 p.m. to 11 p.m.)	40	1,320
Class 3	Night (11 p.m. to 7 a.m.)	40	1,320

SCHEDULE C

NOTICE OF RELOCATION FOR PORTABLE EQUIPMENT

1. Owner and/or Operator

1. Company name:
2. Contact person:
3. Telephone number:

2. Proposed Location

1. Municipality:
2. Lot number:
3. Concession number:

3. Operation

1. Operating scenario (identify a. or b.):
 - a. Configuration 1; or
 - b. Configuration 2
2. Date of commencement and completion of operation:
 - a. Start Date:
 - b. End Date:
3. Hours of operation:
 - a. Start Time:
 - b. End Time:
4. Maximum production rate (tonnes per hour):
5. Type of material to be processed:

Please attach the following:

1. A copy of the *Approval*;
2. A setback distance contour overlaid aerial map.
3. A plot plan or sketch of the proposed location showing the following:
 - a. the entire operating site;

- b. distance between the *Plant* and the nearest off-property *Point of Reception* ;
- c. distance between the *Plant* and the nearest off-property *Sensitive Receptor*;
- d. land use within the minimum separation distances from *Plant* specified in Conditions number 2.2. and 2.3. of this *Approval* .

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

1. Conditions number 1 and 2 are included to provide the minimum performance requirements considered necessary to prevent an adverse effect resulting from the operation of the *Plant* and to emphasize that the *Plant* must be maintained and operated according to a procedure that will result in compliance with the *EPA* , the regulations and this *Approval*.
2. Condition number 3 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 number 4 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.
4. Condition number 5 is included to outline the minimum performance requirements considered necessary to prevent an adverse effect resulting from the operation of the *Plant/Equipment*.
5. Condition number 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.

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, S.O. 1993, c. 28 (Environmental Bill of Rights), the Environmental Commissioner, within 15 days after receipt of this Notice, require a hearing by the Tribunal. The Environmental Commissioner will place notice of your appeal on the Environmental Registry. Section 142 of the Environmental Protection Act provides that the Notice requiring the hearing shall state:

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

The Notice should also include:

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

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

This Notice must be served upon:

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

AND

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

AND

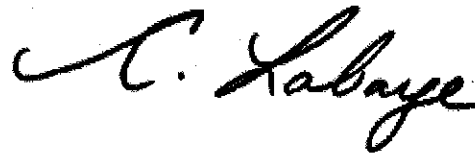
The Director appointed for the purposes of
Part II.1 of the Environmental Protection Act
Ministry of the Environment,
Conservation and Parks
135 St. Clair Avenue West, 1st Floor
Toronto, Ontario
M4V 1P5

* 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 www.ebr.gov.on.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 3rd day of September, 2019



Christina Labarge, P.Eng.

Director

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

ST/

c: District Manager, MECP Ottawa
Neil Chan, BCX Environmental Consulting
Corey Kinart, P.Eng., HGC Engineering

