

**AMENDED ENVIRONMENTAL COMPLIANCE APPROVAL**

NUMBER 9619-BG7JNC  
Issue Date: October 17, 2019

SAG-Q Aggregates Inc. and Niagara Engineered Products Inc.  
4749 Buttrey Street  
Niagara Falls, Ontario  
L2E 7K7

Site Location: 4749 Buttrey Street  
Niagara Falls City, Regional Municipality of Niagara  
L2E 7K7

*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) wall mounted exhaust fan, designated as EV-HB-W04, serving oxyfuel cutting, grinding and welding operations in High Bay and Low Bay areas, discharging to the air at a volumetric flow rate of 4.5 cubic metres per second, through a stack having an exit diameter of 1.77 metres and at a height of 6.3 metres above grade. The welding and grinding operations use a total maximum of 21.5 kilograms of weld wires per hour and are equipped with fume extraction system;
- one (1) roof mounted passive vent, designated as EV-HB-R01 serving oxyfuel cutting, grinding and welding operations in High Bay and Low Bay areas, discharging to the air through a stack having an exit diameter of 0.1 metre, extending 0.6 metre above the roof and 19.2 metres above grade;
- two (2) roof mounted passive vents, designated as EV-BB-R09 and EV-BB-R10, serving shot blasting and welding operations in Booth Bay area, each discharging to the air through a stack having an exit diameter of 0.79 metre, extending 1.0 metre above the roof and 11.98 metres above grade. The welding operations use a total maximum of 3.0 kilograms of weld wires per hour and are equipped with fume extraction system;
- three (3) roof mounted passive vents, designated as EV-CB-R06, EV-CB-R07 and EV-CB-R08, serving handling of raw materials and concrete plant operations in Concrete Bay area, each discharging to the air through a stack having an exit diameter of 0.79 metre, extending 1.0 metre above the roof and 11.98 metres above grade;

- one (1) lid paint spray booth for the application of solvent based paints, equipped with dry type paint arrestor filters and one (1) natural gas fired curing oven unit having a maximum thermal input of 1,270,000 kilojoules per hour, discharging to the air at a volumetric flow rate of 6.3 cubic metres per second through a stack, designated as EV-PB-S12, having an exit diameter of 0.79 metre, extending 0.5 metre above the roof and 11.48 metres above grade;
- one (1) base paint spray booth for the application of solvent based paints, equipped with dry type paint arrestor filters and one (1) natural gas fired curing oven unit having a maximum thermal input of 2,640,000 kilojoules per hour, discharging to the air at a volumetric flow rate of 5.3 cubic metres per second through a stack, designated as EV-PB-S14, having an exit diameter of 1.0 metre and at the height of 13.8 metres above grade;
- one (1) base paint spray booth for the application of solvent based paints, equipped with dry type paint arrestor filters and one (1) natural gas fired curing oven unit having a maximum thermal input of 1,580,000 kilojoules per hour, discharging to the air at a volumetric flow rate of 10.7 cubic metres per second through a stack, designated as EV-PB-S15, having an exit diameter of 1.1 metres, extending 3.1 metres above the roof and 14.0 metres above grade; and
- one (1) wall mounted exhaust fan, designated as EV-PM-W01, serving Paint Mixing Room, discharging to the air at a volumetric flow rate of 0.6 cubic metre per second, having an exit diameter of 0.3 metre, extending 2.5 metres above the roof and 13.4 metres above grade;
- computer numerical control (CNC) metal shaping operations;

all in accordance with the Application for Approval (Air & Noise) submitted by SAG-Q Aggregates Inc. and Niagara Engineered Products Inc., dated July 8, 2019 and signed by Gabriel Bonenfant, Vice President & GM; the supporting information, including the Emission Summary and Dispersion Modelling Report, submitted by Oakhill Environmental Inc., dated July 9, 2019 and signed by Fil Barillaro; and the Acoustic Assessment Report prepared by Oakhill Environmental Inc., dated June 2019 and signed by Fil Barillaro, P.Eng.

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

1. "Approval" means this Environmental Compliance Approval, including the application and supporting documentation listed above;
2. "Company" means SAG-Q Aggregates Inc. and Niagara Engineered Products Inc., that is responsible for the construction or operation of the *Facility* and includes any successors and assigns;
3. "District Manager" means the District Manager of the appropriate local district office of the *Ministry*, where the *Facility* is geographically located;
4. "EPA" means the Environmental Protection Act, R.S.O. 1990, c.E.19, as amended;
5. "Equipment" means the equipment and processes described in the *Company* 's application, this *Approval* and in the supporting documentation submitted with the application, to the extent approved

by this *Approval*;

6. "*Facility*" means the entire operation located on the property where the *Equipment* is located;
7. "*Manual*" means a document or a set of documents that provide written instructions to staff of the *Company*;
8. "*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; and
9. "*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.

*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. OPERATION AND MAINTENANCE

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

## 2. RECORD RETENTION

1. The *Company* shall retain, for a minimum of two (2) years from the date of their creation, all records and information related to or resulting from the recording activities required by this *Approval*, and make these records available for review by staff of the *Ministry* upon request. The *Company* shall retain:
  - a. all records on the maintenance, repair and inspection of the *Equipment*; and
  - b. all records of any environmental complaints, including:
    - i. a description, time and date of each incident to which the complaint relates;
    - ii. wind direction at the time of the incident to which the complaint relates; and
    - iii. a description of the measures taken to address the cause of the incident to which the complaint relates and to prevent a similar occurrence in the future.

## 3. NOTIFICATION OF COMPLAINTS

1. The *Company* shall notify the *District Manager*, in writing, of each environmental complaint within two (2) business days of the complaint. The notification shall include:
  - a. a description of the nature of the complaint; and
  - b. the time and date of the incident to which the complaint relates.

## 4. NOISE

1. The *Company* shall, at all times, ensure that the noise emissions from the *Facility* comply with the limits set out in *Ministry Publication NPC-300*.

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

1. Condition No. 1 is included to emphasize that the *Equipment* must be maintained and operated according to a procedure that will result in compliance with the *EPA*, the Regulations and this *Approval*.
2. Condition No. 2 is included to require the *Company* to keep records and to provide information to staff of the *Ministry* so that compliance with the *EPA*, the Regulations and this *Approval* can be verified.
3. Condition No. 3 is included to require the *Company* to notify staff of the *Ministry* so as to assist the

Ministry with the review of the site's compliance.

4. Condition No. 4 is included to provide the minimum performance requirements considered necessary to prevent an adverse effect resulting from the operation of the *Facility*.

**Upon issuance of the environmental compliance approval, I hereby revoke Approval No(s).  
0088-B3HJSV issued on August 16, 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

**\* Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 212-6349, Fax: (416) 326-5370 or [www.ert.gov.on.ca](http://www.ert.gov.on.ca)**

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

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

DATED AT TORONTO this 17th day of October, 2019



---

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

AB/

c: District Manager, MECP Niagara  
Fil Barillaro, Oakhill Environmental Inc.