

ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 6524-CNX5AG
Issue Date: March 5, 2023

Prestressed Systems Incorporated
4955 Walker Rd
Windsor, Ontario
N9A 6J3

Site Location: 4955 Walker Road
Windsor City, County of Essex
N9A 6J3

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) ready mix concrete batching plant, having a maximum concrete production rate of 18 tonnes per hour, and consisting of the following sources discharging to the air:
 - two (2) silos for the storage of cement, slag, and cement supplement, each having a storage capacity of 150 tonnes, and each served by one (1) silo vent dust collector, equipped with 83.61 square metres of polyester filter material and a pulse jet cleaning mechanism, discharging to the air through two (2) sources designated BATCH1 and BATCH2, located 2.29 and 1.5 metres above grade, respectively;
 - one (1) baghouse type dust collector serving the mixer truck loading operations, equipped with 79 square metres of polyester filter material and a pulse jet cleaning mechanism, discharging to the air through two (2) sources designated BATCH1 and BATCH2, located 2.29 and 1.5 metres above grade, respectively;
 - concrete crushing operations, having a maximum crushing rate of 1.25 tonnes per hour, located indoors and passively discharging to the air;
 - welding operations, consuming a maximum of 4.53 kilograms per day of welding wire and passively discharging to the air;
 - stock steel cutting operations, located indoors and passively discharging to the air;
 - fugitive emissions resulting from the delivery, storage, and transfer of materials associated with concrete batching operations;

all in accordance with the Application for Approval (Air & Noise) submitted by Prestressed Systems Incorporated, dated February 17, 2022 and signed by Paul Phillips - V.P. General Manager; the supporting information, including the Emission Summary and Dispersion Modelling Report, submitted by WSP Canada Inc., dated February 10, 2022 and signed by Lillian Li, the additional information submitted by WSP Canada Inc., dated January 13, 2023 and signed by Lillian Li, the additional information submitted by WSP Canada Inc., dated January 20, 2023 and signed by Lillian Li, the Acoustic Assessment Report, submitted by WSP Canada Inc., dated July 18, 2022 and signed by Cris delos Santos, P.Eng., and the additional information provided by Megan Beauchamp of WSP Canada Inc. in the emails dated August 18, 2022 and February 14, 2023.

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. "Best Management Practices Plan" means a document or a set of documents which describe measures to minimize dust emissions from the Facility and/or Equipment;
3. "Company" means Prestressed Systems Incorporated 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;
4. "District Manager" means the District Manager of the appropriate local district office of the Ministry, where the Facility is geographically located;
5. "EPA" means the *Environmental Protection Act*, R.S.O. 1990, c.E.19;
6. "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;
7. "Facility" means the entire operation located on the property where the Equipment is located;
8. "Manual" means a document or a set of documents that provide written instructions to staff of the Company;
9. "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;
10. "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;
11. "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;

12. "Technical Bulletin: Management Approaches for Industrial Fugitive Dust Sources" means the Ministry publication "Technical Bulletin: management approaches for industrial fugitive dust sources", March 8, 2017, as amended;
13. "Truck(s)" means ready-mix truck(s), aggregate truck(s), cementitious material tanker truck(s), or shipping trucks.

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. FUGITIVE DUST CONTROL

1. The Company shall develop in consultation with the District Manager, a Best Management Practices Plan for the control of fugitive dust emissions. This Best Management Practices Plan shall:

- a. at minimum, be prepared in accordance with Ministry Technical Bulletin: Management Approaches for Industrial Fugitive Dust Sources; and
 - b. include a list of all Ministry comments received, if any, on the development of the Best Management Practices Plan, and a description of how each Ministry comment was addressed in the Best Management Practices Plan.
2. The Company shall submit the Best Management Practices Plan to the District Manager not later than three (3) months after the date of this Approval or as otherwise indicated by the District Manager.
 3. Upon acceptance of the Best Management Practices Plan by the District Manager, the Company shall immediately implement the Best Management Practices Plan for the control of fugitive dust emissions to provide effective dust suppression measures to any potential sources of fugitive dust emissions resulting from the operation of the Facility.
 4. The Company shall update the Best Management Practices Plan as necessary or at the direction of the District Manager.

3. RECORD RETENTION

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

4. 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.

5. NOISE

1. The Company shall restrict the operation of the outdoor Equipment to the hours of 6 a.m. to 3 p.m.
2. The Company shall:
 - a. ensure, at all times, that the noise emissions from the Facility comply with the limits set out in Ministry Publication NPC-300;
 - b. limit Truck operations of ready-mix trucks within the Facility to the day-time hours of operation of 7 a.m. to 3 p.m., and to a maximum of three (3) ready-mix trucks per sixty (60) minute period;
 - c. limit Truck arrivals and departures during the day-time hours of operation of 7 a.m. to 3 p.m., in accordance with the following:
 - i. a maximum of five (5) shipping trucks per sixty (60) minute period;
 - ii. a maximum of one (1) cementitious material tanker truck per sixty (60) minute period;
 - iii. a maximum of one (1) aggregate truck per sixty (60) minute period;
 - d. limit Truck arrivals and departures during the night-time hour of operation of 6 a.m. to 7 a.m., in accordance with the following:
 - i. a maximum of one (1) cementitious material tanker per sixty (60) minute period.
3. The Company shall, at all times, ensure that the vibration emissions from the Facility comply with the limits set out in Ministry Publication NPC-207.
4. The Company shall restrict the excavator crushing operation to the day-time hours of operation of 7 a.m. to 3 p.m.

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

1. Condition Nos. 1 and 2 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.
2. Condition No. 3 is included to require the Company to keep records and to provide information to staff of the Ministry so that compliance with the EPA, the Regulations and this Approval can be

verified.

3. Condition No. 4 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. 5.1 is included to ensure that operation of the Equipment is not extended beyond the stated hours to prevent an adverse effect resulting from the operation of the Equipment.
5. Condition Nos. 5.2 and 5.3 are included to provide the minimum performance requirements considered necessary to prevent an adverse effect resulting from the operation of the Facility
6. Condition No. 5.4 is included to ensure that the excavator crushing operation is not extended beyond the stated hours to prevent an adverse effect resulting from the operation of the Equipment.

In accordance with Section 139 of the *Environmental Protection Act*, you may by written notice served upon me, the Ontario Land 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 ("the Notice") 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:

Registrar*
Ontario Land Tribunal
655 Bay Street, Suite 1500
Toronto, Ontario
M5G 1E5
OLT.Registrar@ontario.ca

and

The Minister of the Environment,
Conservation and Parks
777 Bay Street, 5th Floor
Toronto, Ontario
M7A 2J3

and

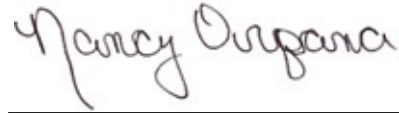
The Director appointed for the purposes of
Part II.1 of the *Environmental Protection Act*
Ministry of the Environment,
Conservation and Parks
135 St. Clair Avenue West, 1st Floor
Toronto, Ontario
M4V 1P5

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

This instrument is subject to Section 38 of the *Environmental Bill of Rights*, 1993, that allows residents of Ontario to seek leave to appeal the decision on this instrument. Residents of Ontario may seek leave to appeal within 15 days from the date this decision is placed on the Environmental Registry. By accessing the Environmental Registry at <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 5th day of March, 2023



Nancy E Orpana, P.Eng.
Director
appointed for the purposes of Part II.1 of the
Environmental Protection Act

AB/

c: Area Manager, MECP Windsor
c: District Manager, MECP Sarnia
Lillian Li, WSP Canada Inc.