

To: Bliss Edwards, bedwards@dymon.ca

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Subject: 3855 Dundas Street West Noise Study

Date: September 24, 2018

Aercoustics has been retained by Dymon Group of Companies to assess the noise impact of their proposed facility on the neighbouring receptors in the city of Mississauga, ON. The municipal address of the proposed facility is 3855 Dundas Street West, at the corner of Dundas Street and Ninth Line.

Aercoustics was asked to provide a scoped feasibility noise letter, confirming any existing and predicted future noise and vibration levels from all transportation and stationary noise sources on the indoor and outdoor environment. Aercoustics was also asked to describe the impacts on the subject property and on the surrounding environment and if required recommend any mitigation measures to meet the applicable sound level limits in accordance with MECP noise guidelines.

A preliminary noise impact study was performed on this site. Conservative estimations were made to represent any rooftop HVAC units based on similar, prior projects that Aercoustics has done. Trucking movements and volumes were also considered in the noise estimations. Figure 1 shows the site plan, and Figure 2 shows the noise sources, chosen receptor locations and one-hour equivalent sound levels at the chosen receptors. After applying conservative estimations, it can be seen in Figure 2 that the worst-case receptor for this site has a one-hour equivalent sound level of 35 dBA at plane of window of the second floor during daytime hours, and 35 dBA during night time hours. This is far below the standard limits outlined by the Ontario Ministry of the Environment, Conservation and Parks (MECP) publication entitled "*Environmental Noise Guideline - Stationary and Transportation Sources - Approval and Planning (NPC-300)*".

It is Aercoustics' professional opinion that after performing preliminary modelling, this site will not exceed the MECP limits regarding noise and vibration and does not require any mitigation measures to meet the applicable sound level limits. There will be no noticeable impacts on the inside or the outside of the subject site or any nearby locations.

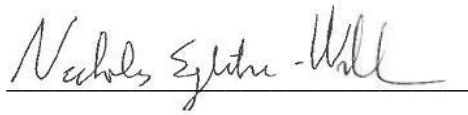


Please do not hesitate to contact us should you have any questions or require anything further.

Aercoustics Engineering Limited



Luke Patterson



Nicholas Sylvestre-Williams, M.Eng., P.Eng., INCE



	Project ID: 18019.01	Project Name	Figure 1
	Scale: NTS	3855 Dundas Street East Noise Study	
	Drawn by: LP		
	Reviewed by: NSW	Figure Title	
	Date: Sept 20, 2018	Key plan showing site locations	
	Revision: 1		

