



2021-07-14

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**Subject: Response to Review Comments on the Noise Impact Assessment
Proposed Industrial Development, 20 Blessington Road, City of Belleville**

Dear Spencer:

WSP Canada Inc. (WSP) previously completed a Noise Impact Assessment, dated December 18, 2020, for the proposed industrial development located at 20 Blessington Road in the City of Belleville.

WSP received review comments on April 19, 2021. This letter summarizes WSP's response to review comments on the Noise Report.

1. The site boundaries on the figures in the study are too large. Two lots were severed off the subject lands. As such the subject property is approximately 90 metres shorter than shown. Please see attached R-plan for 2 lots. Correct property boundary attached.

The report has been revised accordingly to reflect the updated property boundaries.

2. Section 2.1 refers to generic roof top mechanical equipment. So when it comes to actual building construction is it your opinion that your study would account for any specific roof top equipment. Does your calculation allow for the refrigerated storage of goods inside the warehouse (i.e. food or medical supplies)?

As the project is still in its early stages, detailed information regarding building tenants, detailed mechanical design and final equipment selection is not yet available. Thus, typical assumptions based on similarly sized facilities have been used to assess its potential noise impact to the surrounding noise sensitive land uses.

It is understood that detailed information will become available at a later stage of the project. It is recommended that the noise assessment be reviewed at that time. This was discussed in Section 5.3 of the Updated Noise Report.

3. How does your noise report "fit in" against background noise along the west end of Blessington Road and along Highway 37 and at the intersection? How is it accounted for? Does the on-site noise exceed for example trucks stopping at the traffic lights at Blessington Road and Highway 37?

As part of the approvals process for the proposed development, the facility is required to show compliance with the applicable sound level limits at the nearby noise sensitive land uses in the area, as outlined in the Ministry of Environment, Conservation and Parks

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(MECP) Publication NPC-300, based on the predictable worst-case operating scenario (i.e. the facility is operating at capacity during the quietest hour of the daytime, evening and nighttime hours). This was discussed in Section 4.2 of the Updated Noise Report.

NPC-300 sets the sound level limits as the greater of the two:

- Background sound level in the area due to road traffic; or
- The minimum exclusion limits for Class 2 area as summarized in the table below.

TIME PERIOD	POINT OF RECEPTION	SOUND LEVEL LIMIT VALUES (LEQ 1-HR, dBA)
Daytime (07:00 – 19:00)	Outdoor & Plane of Window	50
Evening (19:00 – 23:00)	Outdoor & Plane of Window	45 / 50
Nighttime (23:00 – 07:00)	Plane of Window	45

The study area may be experiencing higher background sound levels than the minimum exclusion limits due to the vehicle movements on Blessington Road and Highway 37, including noise associated with trucks stopping and idling at the intersection. However, to be conservative, the minimum exclusion limits has been used in the noise assessment.

With the proposed development complying with the most stringent sound level limits at the surrounding noise sensitive land uses, noise emissions due to the operation of facility is expected to “fit in” against the background noise in the area due to road traffic on Blessington Road and Highway 37.

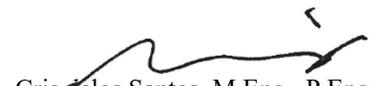
4. A revised estimate of the daily vehicular traffic using the subject lands is attached. This information has to be cross-referenced with the report so that all documentation is consistent and the report revised/updated as necessary.

The updated truck traffic data has been incorporated in the updated report.

Yours sincerely,


 Zane Charran, M.ESc.
 Junior Specialist
 Acoustics, Noise and Vibration

ZC/CDS


 Cris delos Santos, M.Eng., P.Eng.
 Senior Engineer
 Acoustics, Noise and Vibration

Encl. Updated Noise Report, dated July 14, 2021