

February 5, 2020

**Mr. Kresho Petrovich**  
**Grainboys Holdings Inc.**  
 1453 Old Forest Road  
 Pickering, ON, L1V 1N8

**Re: Addendum to Noise Impact Study**  
**Proposed Grain Milling & Blending Facility, Lincolnville, Ontario**

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Dear Mr. Petrovich,

As requested, HGC Engineering has assessed the potential acoustic impact associated with an additional storage area at the proposed Grainboys Holdings Inc. facility at 3469 York Durham Line, in Lincolnville. Previously, HGC Engineering prepared a draft Noise Impact Study, dated September 12, 2019 to support an application for rezoning of the subject lands, and the development approvals processes. The Sept-2019 Study included consideration of all equipment and activities associated with the original site plan that could potentially emit non-negligible sound to the outdoors, including a grain elevator, rooftop dust collector exhausts, trucking, an unloading tanker truck, and HVAC equipment.

Based on the updated information provided, we understand that ten storage silos may be added to the facility if additional capacity is needed in the future, and the associated noise sources will include a grain elevator, a grain auger, and trucking. Therefore, the existing acoustical model of the site has been updated to include the new silos (located to the south of the processing building), and the sound emissions from an additional grain elevator (installed on the east side of the silos), a grain auger (situated to the north of the silos) and trucks delivering grain. We understand that unloading will be passive for these silos (i.e. by gravity, into hoppers beneath the trucks) and therefore acoustically insignificant, however the trucks travelling around the site have been considered in the modelling. The updated predictions are provided in Table 1, below, and indicate the sound levels of the facility will comply with the applicable limits of the Ministry of the Environment, Conservation and Parks (“MECP”).

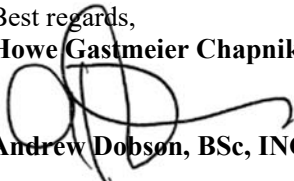
**Table 1: Predicted Facility Sound Levels,  $L_{EQ}$  [dBA]**

Point of Reception	Facility Sound Level	MECP Performance Limits			Within MECP Limits?
		Day	Even'g	Night	
R1	45	50	50	45	Yes
R2	43	50	50	45	Yes
R3	29	50	50	45	Yes
R4	40	50	50	45	Yes

Similar to the original Study, when the mechanical equipment selections are available, an acoustical engineer should verify that the source sound levels and locations of equipment conform to the assumptions made in the modelling, and that acceptable sound levels will result at all offside residential receptors.

Trusting this satisfies your current requirements, if you have any questions or concerns, please do not hesitate to contact the undersigned.

Best regards,  
**Howe Gastmeier Chapnik Limited**



**Andrew Dobson, BSc, INCE**