

Harrow, Justin

From: Brian Zeman <bzeman@mhbcplan.com>
Sent: August-22-18 9:30 AM
To: Harrow, Justin
Cc: Patrick Townes; Lou Freymond; Dan Freymond; freymondcarson@gmail.com; Becky Freymond; Moreen Miller; James Gordon; Michael Wells (michael@freefieldacoustics.com)
Subject: RE: Freymond - Response to Valcoustics Memo Dated August 9, 2018

Good morning Justin ,

Below is a response to Valcoustics memo dated August 9, 2018. Responses 4, 5 and 6 have been prepared by Michael Wells who is the author of the noise report. I trust this addresses all outstanding items.

- 1) *No response required.*
- 2) *The noise report recommendations and mitigation measures are included by reference on the ARA site plans. As discussed the Site Plans are being updated to reflect various revisions as a result of the agency review. As per your request we are holding off circulating these plans to the County and MNRF until receipt of the County's water peer review response. Upon receipt of these comments we will circulate a copy of the updated ARA site plans to the County.*
- 3) *The ARA Site Plans will be updated to add a note that requires a noise audit be completed in phase 1 once the quarry is in full operation to ensure MOECC noise limits are being met.*
- 4) *The ARA site plans include the direction of extraction recommended by the noise consultant. The ARA site plans state that extraction will commence in the north-eastern portion of the site (Phase 1) and will proceed west to the north-western portion of the site (Phase 2). Extraction will then proceed south to the south-western portion of the site (Phase 3) prior to proceeding east to the south-eastern portion of the site (Phase 4).*
- 5) *The following provides clarification regarding the maximum number of loaders / excavators:*

Modes of Operation

Extraction, processing and shipping operations (07:00 – 17:30, Monday to Friday) - During this period, all significant noise sources are assumed to be in operation and include the following:

- *One portable crushing and screening plant, may consist of primary, secondary and tertiary crushing and screening units and associated diesel generator;*
- *One portable standard hydraulic rock drill or low noise rock drill;*
- *Up to two loaders or excavators;*
- *A maximum of 10 on-site truck movements per hour are permitted to haul the product off-site.*

Shipping operations only (06:00 – 07:00 and 17:30 to 19:00, Monday to Friday and 07:00 to 12:00 on Saturday) – During this period, loading and hauling operations only are to occur and include the following:

- *Up to two loaders;*
- *A maximum of 10 on-site truck movements per hour are permitted to haul the product off-site.*

Hours of Operation

The proposed hours of operation for the proposed Freymond Quarry include:

- Monday to Friday: 7:00 am to 5:30 pm for extraction, processing and shipping;
- Monday to Friday: 6:00 am to 7:00 pm for shipping only;
- Saturday: 7:00 am to 12:00 pm for shipping only.

Activities between 06:00 – 07:00 fall under the MOECC defined nighttime period and require compliance with more conservative criteria i.e. require compliance with lower sound level limits than the sound level limits applicable for operations that occur within the MOECC defined daytime period 7 am and 7 pm (07:00 -19:00).

- 6) The description of a Class 2 Area as per NPC-300 is as follows: **'an area with an acoustical environment that has qualities representative of both Class 1 and Class 3 areas: sound levels characteristic of Class 1 during daytime (07:00 to 19:00 or to 23:00 hours); and, low evening and night background sound level defined by natural environment and infrequent human activity starting as early as 19:00 hours (19:00 or 23:00 to 07:00 hours).'** POR 4 was assessed as a Class 2 Area receptor primarily due to the existing pattern of development in this section of Bay Lake Road which is characterised by houses in close proximity to each other as well as their proximity to the existing industrial facility (Timber Mill). Noise from the neighbouring residences as well as noise from the existing industrial facility dominates during the daytime period with typically low levels of noise during the evening and nighttime period. As such, the acoustic environment at POR 4 meets the Class 2 Area classification criteria as specified in NPC-300 (summarised above). As such a Class 2 classification is appropriate at this location.

Regards,

BRIAN ZEMAN, BES, MCIP, RPP | President

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From: Harrow, Justin [mailto:Harrow]@hastingscounty.com]

Sent: August-10-18 7:58 AM

To: Patrick Townes

Cc: Brian Zeman

Subject: FW: Freymond - Peer review response to noise, traffic and natural environment

Thanks for the update Patrick,

Attached is the response to the revised Acoustics Assessment, received yesterday.

Justin

From: John Emeljanow [mailto:john@valcoustics.com]
Sent: August-09-18 4:10 PM
To: Harrow, Justin <HarrowJ@hastingscounty.com>
Subject: RE: Freymond - Peer review response to noise, traffic and natural environment

Justin:

Final memo is attached.

Regards,

John Emeljanow, P.Eng.
Principal



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