From: **Angela Goodwin** angela@potentialis.co.nz
Subject: Fwd: [EXTERNAL] RM230019 - Manor Park Acoustics
Date: 11 August 2023 at 5:50 PM
To: Angela Goodwin angela@potentialis.co.nz

AG

From: Aaron Healy <AHealy@tonkintaylor.co.nz>
Sent: Thursday, 2 March 2023 1:39 pm
To: Elyse Armstrong <EArmstrong@tonkintaylor.co.nz>
Subject: RE: RM230019 - Manor Park Acoustics

Hi Elyse,

Our response to the vibration S92 request is as follows:

Vibration cause by traffic on well-maintained roads is typically negligible. Given the distance from the nearest point of the site's traffic paths to the boundary of the site, there will be no discernible offsite vibrations at the nearest receivers. Vibration from traffic typically arises due to vehicles passing over an uneven road surface. This is often caused by poorly maintained road conditions resulting in potholes or irregularities in the road surface. The site's low speed limit would mitigate the level of vibration generated in these situations until

such time that maintenance is carried out by the site.

Vibration from regular construction plant including tracked excavators and vibratory compactors is not expected to be discernible 45m away at the neighbouring properties.

The nearest properties to the site are 45m from the boundary, and separated by the Hutt Rail Line. We consider that vibration from trains is likely to be discernible at the boundary of the neighbouring sensitive receivers. Whereas, we consider that any vibration generated by the site will not be discernible at any adjacent residential activity.

Cheers,
Aaron

Aaron Healy I Acoustic Consultant
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