

21 April 2022

Mark Benjamin
Mt Hobson Group
PO Box 37964
Parnell
Auckland 1151

Dear Mark

38 RAWENE AVENUE, WESTMERE - S92 RESPONSE

Thank you for the request for further information made by Auckland Council regarding the noise from the proposed helicopter pad at 38 Rawene Avenue in Westmere.

Item 6: We note that an allowance of 30 seconds has been made from the start-up time before departure. Is there a chance that this could be extended due to an unforeseen event delaying the departure (eg a passenger going into the house to collect some forgotten luggage or to go to the toilet)?

If so, how would this extra time idling affect the noise levels predicted in the report?

As set out in the original noise assessment the engine on the Air Bus H130T2 can be shut down 30 seconds after landing and can take off 30 seconds after starting up and these figures have been adopted in the noise assessment. The noise effects of ground idling for up to 1 minute would be similar to a start-up and shut down. When considering the screening effects of the dwelling the noise from ground idle is minimal. In addition, ground idle has a minimal impact on the total noise exposure, as the ground idle is nominally 15dB below the noise level from the actual landing and take-off manoeuvre. Regardless, I understand if a passenger wished to return to the dwelling for any reason the helicopter would be shut down so extended ground idle is not anticipated.

Item 7: Based on the noise contours in Attachment A of the Hegley letter, it appears that 50dB L_{dn} is possibly exceeded in the north-west corner of the 34 Rawene Avenue property and the northern corner of the 29 Rawene Avenue property. Could the consultant please clarify this?

It is understood written approval of the proposal has been given by the owner/occupier of 34 Rawene Avenue. In accordance with the requirements of the RMA the Council cannot take any effects of the application into account for this property. Notwithstanding, the only part of this property where 50dBA L_{dn} is exceeded by up to 1dBA is where there is a steep drop to the

foreshore so there will never be anyone exposed to a level of more than 50dBA L_{dn} on this property.

Figure 1 shows the location of the boundary at 29 Rawene Avenue as taken from the Council's web site. The noise contour as shown in the report dated 21 March 2022 is at the boundary of 29 Rawene Avenue. That is, the noise does not exceed 50dBA L_{dn} at 29 Rawene Avenue when assuming there is no screening of the helicopter by any of the existing buildings plus the proposed dwelling on 38 Rawene Avenue.



Figure 1. Location of the boundary of 29 Rawene Avenue

Should you have any questions regarding the above please do not hesitate to contact me.

Yours faithfully
Hegley Acoustic Consultants

Nevil Hegley