

16 November 2021

Environmental Protection Agency
Te Mana Rauhi Taiao

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FTC00030

For Gen Hewett

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**COVID 19 Recovery (Fast-track Consenting) Act 2020 - New Dunedin Hospital
Whakatuputu - Response to request for information**

- 1 We refer to the Environmental Protection Authority's letter dated 15 November 2021 which sets out a fourth request by the Expert Consenting Panel for further information in relation to the Stage 1 enabling works for the New Dunedin Hospital - Whakatuputu.
- 2 The Panel has requested the following two Standards:
 - (a) DIN4150-3:2016 – Vibration in buildings – Part 2 Effects on Persons in Buildings; and
 - (b) BS 5228-2:2009 Code of Practice for Noise and Vibration control on construction and open sites.
- 3 In respect of the Standard listed at paragraph 2(a) above, please note that we have previously provided the Panel with a copy of the 2016 Part 3 Standard (DIN 4150-3:2016-12 Vibration in Buildings - Part 3: Effects on Structures).¹ The latest version of Part 2 Effects on Persons in Buildings is DIN 4150-2:1999-06, which is enclosed.
- 4 We also enclose a copy of the Standard listed at paragraph 2(b) above.
- 5 We note that these Standards are provided pursuant to section 59 Copyright Act 1994 and are for use in this judicial proceeding. It is noted that section 59 does not authorise publication of the Standards.
- 6 In respect of the Panel's question about the hammer weight, we confirm that:
 - (a) A 16 tonne drop hammer was used during the test piling, which was the subject of the noise and vibration assessment undertaken by Marshall Day.

¹ Provided via email on 20 October 2021, in response to the Panel's second request for further information dated 6 October 2021.

(b) A 14 tonne hammer will be used for both the pile driving and PDA testing proposed as part of the enabling works. Acoustic Engineering Services Limited has progressed its supporting assessment for both activities on this basis.

7 Please do not hesitate to contact me if you have any questions or if we can be of further assistance.

Yours faithfully



Lauren Semple
Partner