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Attn: Chris Billinghamurst

Concord Hospital Redevelopment Stage 1 - Consent Conditions D31 & D32

This letter has been prepared to address consent conditions required prior to occupation relating to acoustics for Stage 1 of Concord Hospital Redevelopment at 1H Hospital Road, Concord West NSW 2138, Lot 20 DP No. 1139098. Specifically, consent conditions D31 & D32 of SSD 9036 dated 28th of February 2019 including modifications are addressed (Mod 1 dated 11 April 2019, Mod 3 dated 19 December 2019, Mod 4 dated 27 April 2020 and Mod 5 dated 21 September 2020). The relevant consent conditions are detailed below.

Operational Noise Limits

- D31. The Applicant must ensure that noise generated by operation of the development does not exceed the noise limits in the updated Acoustic Report for SSD 9036 prepared by Acoustic Logic (Doc Ref. 20180145.1/2803A/R8/MF).*
- D32. The Applicant must undertake short term noise monitoring in accordance with the Noise Policy for Industry where valid data is collected following the commencement of use of each stage of the development. The monitoring program must be carried out by an appropriately qualified person and a monitoring report must be submitted to the Planning Secretary within two months of commencement of use of each stage of the development to verify that operational noise levels do not exceed the recommended noise levels for mechanical plant identified in the updated Acoustic Report for SSD 9036 prepared by Acoustic Logic (Doc. Ref.20180145.1/2803A/R8/MF). Should the noise monitoring program identify any exceedance of the recommended noise levels referred to above, the Proponent is required to implement appropriate noise attenuation measures so that operational noise levels do not exceed the recommended noise levels or provide attenuation measures at the affected noise sensitive receivers.*

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Operational noise limits detailed in the referenced Acoustic Report (Doc Ref. 20180145.1/2803A/R8/MF) are summarised below.

Receiver Location	Time of Day	Project Noise Trigger Level dB(A)_{Leq(15min)}
Fremont Street / Hospital Road Residences	Daytime (7am – 6pm)	50
	Evening (6pm – 10pm)	43
	Night Time (10pm – 7am)	38
Currawang Street Residences	Daytime (7am – 6pm)	51
	Evening (6pm – 10pm)	42
	Night Time (10pm – 7am)	38
Nullawarra Ave Residences	Daytime (7am – 6pm)	46
	Evening (6pm – 10pm)	43
	Night Time (10pm – 7am)	38
Hospital Precinct	All Times	65

Acoustic Logic attended site during the evening and night time periods on the 13th of July 2021 to undertake measurements of noise emissions from mechanical plant servicing the hospital. Measurements were undertaken at all surrounding residential receivers identified in the above table. During the period to measurements all mechanical plant was operating at the design capacity (i.e. typical use), or in the case of the cooling towers with fans at 100% of capacity (exceeding the typical use expected).

Based on the measurements completed, it can be confirmed that all mechanical plant associated with the operation of Stage 1 of Concord Hospital Redevelopment meets the project noise trigger levels detailed in the approved acoustic report for SSD 9036, and as such the requirements of conditions D31 & D32 are satisfied.

Please contact us should you have any further queries.

Yours faithfully,



Acoustic Logic Consultancy Pty Ltd
Alex Washer