

20241259.4/1303A/R0/PF

13/03/2025

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Attn: Poonam Chauhan

391-423 Pacific Highway, Crows Nest - S4.55 Acoustic Statement

This statement has been prepared to seek approval for deletion of the consent condition D6 (SSD-66826207) for the development located at 391-423 Pacific Highway, 3-15 Falcon Street and 8 Alexander Street, Crows Nest. Acoustic Logic (AL) note that this letter is to support the S4.55 application for the above. The current condition D6 is repeated as below.

Hours of Construction

D6. Rock breaking, rock hammering, sheet piling, pile driving and similar activities may only be carried out between the following hours:

(a) 9am to 12pm, Monday to Friday;

(b) 2pm to 5pm Monday to Friday; and

(c) 9am to 12pm, Saturday

Justification for deletion of this condition is provided below.

AL note that a detailed *Construction Noise and Vibration Management Plan* (CNVMP, Ref: 20241259.2/1811A/R0/HD, dated 18/11/2024) has been prepared by this office. Potential noise and vibration impact from construction activities such as the use of hydraulic hammer, jack hammer and piling have been assessed (refer to Table 5 of the above report for the detailed equipment list). Predicted noise levels at nearby receivers show that exceedances to Highly Noise Affected Management Level (HNML) will only occur for limited equipment when work is close to the site boundary.

To mitigate the impact of construction noise impacts, management controls have been recommended in Section 12.2.1 of the above CNVMP where a 1-hour respite period are recommended for highly noise generated equipment after 3-4 hours continuous work.

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AL note that the above recommendation in the CNVMP is in line with the consent condition D10 requirement which has been reproduced as the following:

D10. The Applicant must ensure that any work generating high noise impact (i.e., work exceeding a NML of LAeq 75dB(A) as measured at any sensitive receiver is only undertaken in continuous blocks of no more than 3 hours, with at least a 1-hour respite between each block of work generating high noise impact, where the location of the work is likely to impact the same receivers. For the purposes of this condition "continuous" includes any period during which there is less than 1 hour respite between ceasing and recommencing any of the work the subject of this condition.

We note that the general construction hours work conditioned in the consent will not be modified as part of this submission.

In addition, feasible and detailed noise and vibration management and control methodologies have also been provided in Sections 11 and 12 of the *Construction Noise and Vibration Management Plan* (CNVMP, Ref: 20241259.2/1811A/R0/HD, dated 18/11/2024). This includes but not limited to:

- Noise and vibration monitoring, reporting and response procedures.
- Range of general noise control methods such as acoustic barrier and silencing devices.
- Community liaison and complaints handling.

Based on the above, AL note that potential noise and vibration impact from associated construction activities can be adequately managed and controlled given recommendations in the CVNMP are properly adopted. Nevertheless, consent condition D10 requirement is sufficient for noise mitigation for highly noise generated activities. For the reasons noted above, we propose that conditions D6 (SSD-66826207) to be deleted.

Please contact us should you have any further queries.

Yours faithfully,



Acoustic Logic Pty Ltd
PeiPei Feng