

MEMORANDUM

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Goodman Limited

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Dear Guy

Oakdale Central Lots 1C and 2B Design Amendments Operational Noise Impact Assessment Review

1 Introduction

SLR Consulting is pleased to provide the results and findings of a review conducted for the noise assessment for the proposed 1C and 2B developments at the Oakdale Central site. Since SLR's original assessment, a number of design amendments and additions have occurred, which require the noise model and assessment to be updated. This document should be read in conjunction with previous SLR deliverables for the noise assessment as listed below:

- Main noise assessment report: *670.10585_Noise_R1* dated 11 October 2013
- Comment on draft development consent: *670 10585 M1 20141128* dated 28 November 2015
- Further assessment of cumulative noise impact: *670.10585 M2 20141217 Rev1* dated 19 December 2015

Based on a review conducted for the current design documentation, the following changes/additions were identified:

- Lot 1C
 - Building footprint shifted towards the east
 - Truck docks relocated from eastern façade to the western side
 - Number of truck docks increased from eight (8) to ten (10)
- Lot 2B
 - Building footprint and truck docks arrangement generally unchanged
 - Addition of two (2) each of cooling towers and chillers and associated exhaust fans, pumps etc. on the western façade of the building
 - Addition of truck wash tunnel on the southern façade of the building

2 Cumulative Noise Impact

Based on the design changes as listed in **Section 1**, the predicted noise levels associated with the operation of Lots 1C, 2B and 3 and the potential cumulative noise impact associated with the entire Oakdale Central site (i.e. including existing operation) are presented in **Table 1**.

Table 1 Cumulative Noise Impact Assessment – Existing and Currently Proposed Facilities

Compliance Location	INP Assessment Criteria	LAeq(15minute) Sound Pressure Level, dB		
		Existing Operation ¹	Currently proposed (Lots 1C, 2B and 3, under calm weather conditions)	Cumulative (Existing + currently proposed)
A – Erskine Park Residents	41 (day) 38 (evening) 35 (night)	<30	33	<35
B – Emmaus College	45 (when in use)	<30	33	<35
C – 20 Bakers Lane	42 (day) 40 (evening) 37 (night)	<30	32	<34
D – 27 Greenway Place	42 (day, evening and night)	<34	37	<39
E - 315-321 Burley Road	42 (day, evening and night)	<34	38	<39

Note 1: Based on noise measurement conducted by SLR on 15 December 2014.

Based on the predicted noise levels as presented in **Table 1**, the change in noise levels associated with the proposed design amendments are generally insignificant and within ± 1 dB. It can therefore be concluded that the currently proposed design of the Oakdale Central Lots 1C, 2B and 3 comply with the relevant assessment noise criteria in accordance to the NSW Industrial Noise Policy.

I trust the preceding provides sufficient information for your current requirements. Should you require any further information please do not hesitate to contact me on 0417 903 521.

Yours sincerely



ZHANG LAI
Senior Consultant