Monday, 12 May 2025

WILLIAM CLARKE COLLEGE – BRYSON BUILDING PROJECT

1 NOISE MONITORING

The results of the noise monitoring are in line with:

- Noise & Vibration Impact Assessment, prepared by SLR Consulting in August of 2022
- Construction Noise and Vibration Management Plan (CNVMP)

The monitoring was conducted on 17 April 2025.

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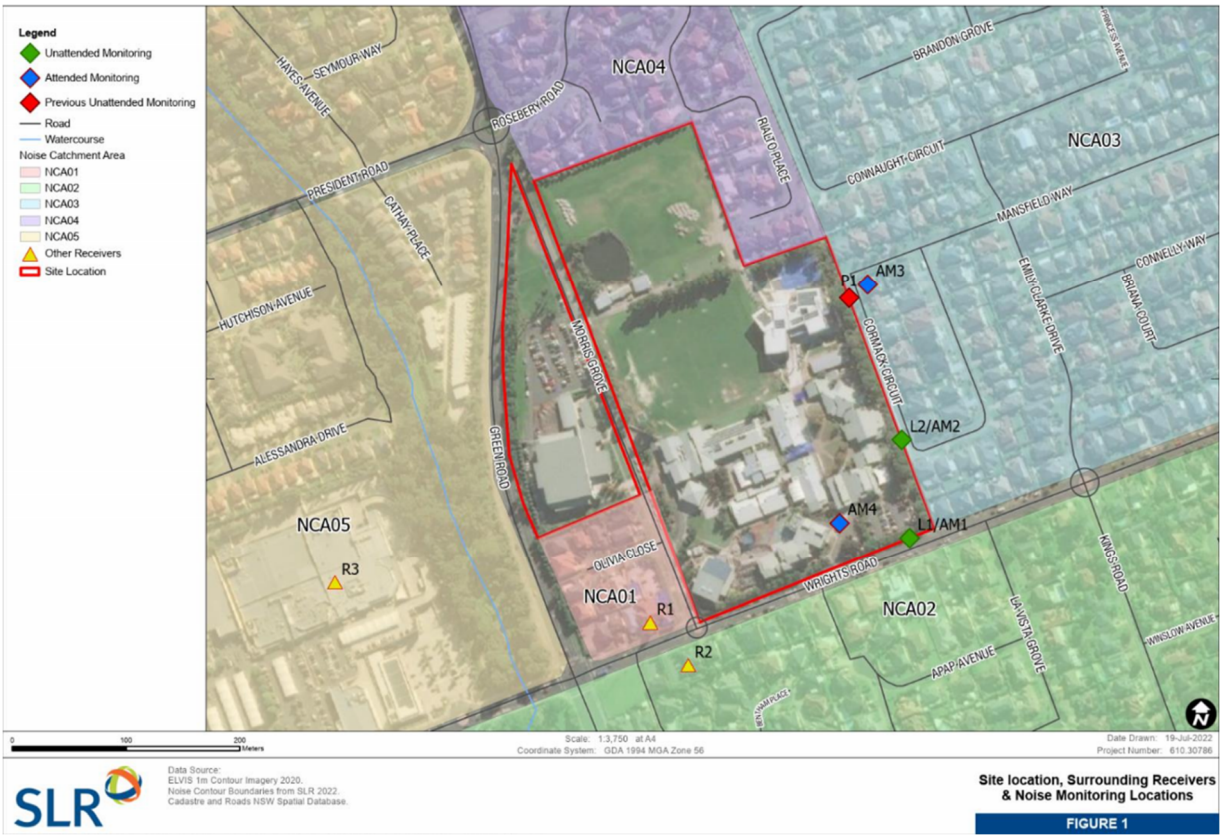
New South Wales | Queensland

2 SITE DESCRIPTION



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3 NOISE MANAGEMENT LEVELS

Receiver Type	Monitoring Location	Noise Management Level ($L_{Aeq(15minute)}$ – dBA)			
		Standard Construction (RBL +10 dB)[1]	Out of Hours (RBL +5 dB)		
		Daytime	Daytime[2]	Evening	Night-time
NCA01	L1	47	42	45	40
NCA02	L1	47	42	45	40
NCA03	L2	48	43	44	38
NCA 04	P1	50	45	46	36
NCA 05	L2	48	43	44	38
Educational (R01)	-	55	-	-	-
Commercial (R02, R03)	-	70	-	-	-

Note 1: RBL = Rating Background Level.

Note 2: Daytime out of hours is 7 am to 8 am and 1 pm to 6 pm on Saturday, and 8 am to 6 pm on Sunday and public holidays.

4 INSTRUMENTATION

Noise monitoring is conducted using a Hexanode sound level meter (serial number: HEX-000415) and has been pressure calibrated by SiteHive using a NATA Certified (IEC 60942: Sound Calibrators) Sound Level Calibrator, calibrated on the 29 January 2025 valid to 29 Jan 2027. Noise measurement is taken with the sound level meter mounted on a tripod 1.5m above ground level at the location shown in Figure 1.

5 NOISE MESAUREMENT RESULTS

During the measurement period, the Leq noise level was influenced by a combination of noise sources. Noise measurements during the construction hours that exceeded the NML were at cause of the below:

REFERENCE	TIME	NOISE MANAGEMENT LEVEL LAeq (15MIN) dB(A)	MEASURED NOISE LEVEL LAeq (15MIN) dB(A)	COMMENTS

Hexanode	08:19am	47	59	• Rohrig Site Works:
				  ○ Material delivery
				  ○ Equipment delivery
				  ○ Hand and power tools
				• The LAeq was controlled by a small contribution of construction noise associated with the site and largely contributed to by local traffic not associated with the site such as loud cars, motorbikes and wildlife in the immediate area.
				• Noise contributed by the Rohrig site was noted to be mainly vehicle movements within the site
				• LAmax from local traffic passbys on Wrights Road and wildlife in immediate area.

Hexanode	09:27am	47	55	• Rohrig Site Works:
				  ○ Material delivery
				  ○ Equipment delivery

				○ Hand and power tools • The LAeq was controlled by a small contribution of construction noise associated with the site and largely contributed to by local traffic not associated with the site such as loud cars, motorbikes and wildlife in the immediate area. • Noise contributed by the Rohrig site was noted to be mainly vehicle movements within the site LAmax from local traffic passbys on Wrights Road.
Hexanode	02:58pm	47	56	• Rohrig Site Works: ○ Material delivery ○ Equipment delivery ○ Hand and power tools ○ Cranage • The LAeq was controlled by a small contribution of construction noise associated with the site and largely contributed to by local traffic not associated with the site such as loud cars, motorbikes and buses. This period also involved the school pick-up, collecting noise from buses and local traffic

				• Noise contributed by the Rohrig site was noted to be mainly vehicle movements within the site • LAmax from local traffic passbys on Wrights Road and Morris Grove.

Noise level contributions from the Rohrig construction site were calculated to be below the predicted noise levels stated in the CNVMP.

6 SITEHIVE REPORT