

NOISE MONITORING RESULTS

Punchbowl

Noise monitoring conducted during this period in **May 2022**.

Location		Day LA ₁₀ 6am to 6pm (15minute)	Evening LA ₁₀ 6pm to 10pm (15minute)	Night LA ₁₀ 10pm to 6am (15minute)	Sleep Disturbance LA ₀₁ 10pm to 7am (15 minute)	Sleep Disturbance LA ₉₀ + 15 10pm to 7am (15 minute)
Nearest Residence Inside the Industrial Interface	Limit LA ₁₀ (dB(A))	54	47	47	63	LA ₀₁ < LA ₉₀ + 15
	Calculated LAeq (dB(A))	55.4 Monitored at Factory 47 Calculated	52.9 Monitored at Factory 45 Calculated	53.3 Monitored at Factory 46 Calculated	58.8 Monitored at Factory 50 Calculated	LA ₉₀ = 51.5 LA ₉₀ + 15 = 66.5 LA ₀₁ = 58.8
13 Patrick Street	Limit LA ₁₀ (dB(A))	49	43	42	50	LA ₀₁ < LA ₉₀ + 15
	Calculated LAeq (dB(A))	50.5 Monitored 35 Calculated	48.2 Monitored 33 Calculated	45.2 Monitored 30 Calculated	51.8 Monitored at 13 Patrick St 36 Calculated	LA ₉₀ = 43.0 LA ₉₀ + 15 = 58.0 LA ₀₁ = 51.8

LAeq assumed to be close enough to LA₁₀ since there is a substantial margin of safety and LAeq is now used by EPA