
APPENDIX C

NOISE MEASUREMENT RESULTS



Table C1 Comparison of Measured & Estimated Traffic Noise Level with Predicted level from the Detailed Design for the Year of Opening (2016)

Location	Address	Measured Noise Level									
		Excluding Inclement Weather				Estimated Traffic Noise Level		Predicted Noise Level		Difference	
		7 Day Average		5 Day Average		Day	Night	Day	Night	Day	Night
		Day	Night	Day	Night	Day	Night	Day	Night	Day	Night
		L _{Aeq,15hr}	L _{Aeq,9hr}	L _{Aeq,15hr}	L _{Aeq,9hr}	L _{Aeq,15hr}	L _{Aeq,9hr}	L _{Aeq,15hr}	L _{Aeq,9hr}	L _{Aeq,15hr}	L _{Aeq,9hr}
19c	Yarrabandini Road	55.5	53.6	56.2	55.2	56.2	54.8	55.3	52.9	0.9	1.9
20e	330 Kemps Access	51.5	51.8	52.1	51.8	46.9	45.1	47.9	45.6	-1	-0.5
20g	336 Kemps Access	47.7	45.4	47.4	45.9	45.8	45.8	47.1	44.8	-1.3	1
20c	285 Kemps Access	57.8	52.1	59	52.3	52.7	51.3	55.8	53.2	-3.1	-1.9
21J	298 Quarry Road	55.1	44.8	55.2	45.4	-	45.3	47.5	45.2	-	0.1
21m	82 Kemps Access	57.4	51.2	58.4	52.3	47	41.1	47.3	45	-0.3	-3.9
21c	26 Seashore Lane	56.7	55	57.1	54.9	55	51.7	59.4	56.8	-4.4	-5.1
23a	114 Seven Hills Road	52.1	48.2	51.8	48.3	46.7	46.3	-	-	-	-
	483 Seven Hills Road	66	66.2	65.2	66.1	53.7	50.1	-	-	-	-

Location	Address	Measured Noise Level									
		Excluding Inclement Weather				Estimated Traffic Noise Level		Predicted Noise Level		Difference	
		7 Day Average		5 Day Average							
		Day	Night	Day	Night	Day	Night	Day	Night	Day	Night
		L _{Aeq,15hr}	L _{Aeq,9hr}	L _{Aeq,15hr}	L _{Aeq,9hr}	L _{Aeq,15hr}	L _{Aeq,9hr}	L _{Aeq,15hr}	L _{Aeq,9hr}	L _{Aeq,15hr}	L _{Aeq,9hr}
	135 Cooks Lane	52.6	48.3	52.8	48.9	47.7	48.3	49.5	47.2	-1.8	1.1
		58	49.3	58	48.5	48.5	48	49.5	46.9	-1	1.1
26c	2839 Pacific Highway	58.9	58.1	59.2	58.8	59.2	58.8	59.9	57.6	-0.7	1.2
29c	3381 Pacific Highway	67.6	66.1	67.9	66.9	67.9	66.9	68.8	66.5	-0.9	0.4
29a	33 Barraganyatti Hut Road	57.5	53	57.4	54.2	53.8	52.7	55.9	53.3	-2.1	-0.6
29m	64 Station Street	55.3	51.8	55	52.5	54.4	52.1	54.5	51.9	-0.1	0.2
29p	2 South Bank Road East	55	51	55.6	50.8	51.6	50.8	57	54.4	-5.4	-3.6
30b	51 Stuarts Point Road	54.3	52.9	53.2	53.9	52.5	54	60.7	58.1	-8.2	-4.1