
APPENDIX E
PREDICTED LEVEL FOR ALL RECEIVERS

Appendix D 1 Predicted Operational Noise Levels for Year of Project Opening 2016 and 10 Years after Opening 2026

Location	Address	Base Criteria		Existing Noise Levels		2016 Design Noise Levels		2026 Design Noise Levels		2026 Noise Levels Exceed Criteria?		Is difference Greater than 2dB?		2026 Design Noise Acute?		Mitigation Required?	
		Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night
19a	107 Raymonds Lane	55	50	43	41	58	54	60	56	Yes	Yes	Yes	Yes	No	No	Yes	Yes
19c	Yarrabindi Road	55	50	43	41	56	53	58	55	Yes	Yes	Yes	Yes	No	No	Yes	Yes
19d	77 Raymonds Lane	55	50	41	39	54	51	56	53	Yes	Yes	Yes	Yes	No	No	Yes	Yes
19e	67 Raymonds Lane	55	50	41	39	54	50	56	52	Yes	Yes	Yes	Yes	No	No	Yes	Yes
19f	47 Raymonds Lane	55	50	41	38	52	48	54	51	No	Yes	Yes	Yes	No	No	No	Yes
20a	322 Kemps Access	55	50	28	25	49	46	52	48	No	No	Yes	Yes	No	No	No	No
20c	279 Kemps Access	55	50	27	24	60	57	62	59	Yes	Yes	Yes	Yes	No	No	Yes	Yes
20d	285 Kemps Access	55	50	32	30	57	53	59	55	Yes	Yes	Yes	Yes	No	No	Yes	Yes
20e	330 Kemps Access	55	50	37	34	49	45	51	47	No	No	Yes	Yes	No	No	No	No
20f	331 Kemps Access	55	50	38	36	51	48	53	50	No	No	Yes	Yes	No	No	No	No
20g	336 Kemps Access	55	50	36	34	48	44	50	47	No	No	Yes	Yes	No	No	No	No
20h	396 Kemps Access	55	50	38	35	50	46	52	48	No	No	Yes	Yes	No	No	No	No
20i	244 Quarry Road	55	50	42	40	52	49	54	51	No	Yes	Yes	Yes	No	No	No	Yes

Location	Address	Base Criteria		Existing Noise Levels		2016 Design Noise Levels		2026 Design Noise Levels		2026 Noise Levels Exceed Criteria?		Is difference Greater than 2dB?		2026 Design Noise Acute?		Mitigation Required?	
		Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night
21a	232 Quarry Road (1st floor)	55	50	40	37	63	59	65	61	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
21a	232 Quarry Road	55	50	39	37	60	57	62	59	Yes	Yes	Yes	Yes	No	No	Yes	Yes
21c	26 Seashore Lane	55	50	39	37	60	57	62	59	Yes	Yes	Yes	Yes	No	No	Yes	Yes
21d	53 Seashore Lane	55	50	38	36	61	58	64	60	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
21e	201 Kemps Access	55	50	34	32	51	48	53	50	No	No	Yes	Yes	No	No	No	No
21g	243 Kemps Access	55	50	35	33	59	55	61	58	Yes	Yes	Yes	Yes	No	No	Yes	Yes
21h	260 Quarry Road	55	50	39	36	62	58	64	60	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
21i	276 Quarry Road	55	50	37	35	50	46	52	49	No	No	Yes	Yes	No	No	No	No
21j	298 Quarry Road	55	50	36	33	48	45	50	47	No	No	Yes	Yes	No	No	No	No
21j	298 Quarry Road (1st floor)	55	50	37	35	50	46	52	48	No	No	Yes	Yes	No	No	No	No
21k	312 Quarry Road	55	50	37	35	50	47	53	49	No	No	Yes	Yes	No	No	No	No
21l	318 Quarry Road	55	50	36	33	50	47	53	49	No	No	Yes	Yes	No	No	No	No
21m	82 Kemps Access	55	50	35	33	48	45	50	47	No	No	Yes	Yes	No	No	No	No
21n	84 Kemps Access	55	50	35	33	49	45	51	47	No	No	Yes	Yes	No	No	No	No

Location	Address	Base Criteria		Existing Noise Levels		2016 Design Noise Levels		2026 Design Noise Levels		2026 Noise Levels Exceed Criteria?		Is difference Greater than 2dB?		2026 Design Noise Acute?		Mitigation Required?	
		Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night
22b	Tamban Road	55	50	38	36	58	54	60	56	Yes	Yes	Yes	Yes	No	No	Yes	Yes
22b-1	Tamban Road (22b-1)	55	50	38	36	64	60	66	62	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
23a	114 Seven Hills Road	55	50	28	26	53	49	55	52	No	Yes	Yes	Yes	No	No	No	Yes
25 135	135 Cooks Lane	55	50	45	43	50	47	52	49	No	No	Yes	Yes	No	No	No	No
25a	288 Cooks Lane	55	50	43	41	53	50	55	52	No	Yes	Yes	Yes	No	No	No	Yes
25b	269 Cooks Lane	55	50	43	41	63	59	65	62	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
25c	321 Cooks Lane	55	50	41	38	53	49	55	51	No	Yes	Yes	Yes	No	No	No	Yes
25d	Lot 42 Cooks Lane	55	50	42	40	57	53	59	55	Yes	Yes	Yes	Yes	No	No	Yes	Yes
25e	Lot 1862	55	50	42	39	52	48	54	50	No	No	Yes	Yes	No	No	No	No
26a	80 Hills Lane	55	50	47	44	55	51	57	54	Yes	Yes	Yes	Yes	No	No	Yes	Yes
26b	2693 Pacific Highway	55	50	42	39	50	46	52	48	No	No	Yes	Yes	No	No	No	No
26c	59 Nirvana Way (2839 Pacific Highway)	55	50	49	47	61	57	63	60	Yes	Yes	Yes	Yes	No	No	Yes	Yes
27a	92 Nirvana Way	55	50	47	44	51	48	54	50	No	No	Yes	Yes	No	No	No	No

Location	Address	Base Criteria		Existing Noise Levels		2016 Design Noise Levels		2026 Design Noise Levels		2026 Noise Levels Exceed Criteria?		Is difference Greater than 2dB?		2026 Design Noise Acute?		Mitigation Required?	
		Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night
27b	Lot 47 Nirvana Way	55	50	53	51	59	55	61	57	Yes	Yes	Yes	Yes	No	No	Yes	Yes
27c	3037 Pacific Highway	55	50	55	52	57	53	59	55	Yes	Yes	Yes	Yes	No	No	Yes	Yes
28a	6 Nirvana Way	55	50	55	52	57	53	59	55	Yes	Yes	Yes	Yes	No	No	Yes	Yes
28b	2925 Pacific Highway	55	50	53	51	55	52	58	54	Yes	Yes	Yes	Yes	No	No	Yes	Yes
28c	2987 Pacific Highway	55	50	54	52	62	58	64	61	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
28d	3012 Pacific Highway	55	50	58	56	53	50	56	52	Yes	Yes	No	No	No	No	No	No
28e	6 Thurgood Lane	55	50	54	52	53	49	55	51	No	Yes	No	No	No	No	No	No
29a	33 Barraganttyatti Hut Road	60	55	54	52	57	53	59	55	No	No	Yes	Yes	No	No	No	No
29b	3349 Pacific Highway	60	55	65	63	70	66	72	68	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
29c	3381 Pacific Highway	60	55	66	64	70	66	72	68	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
29d	3423 Pacific Highway	60	55	60	57	63	59	65	62	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
29e	3345 Pacific Highway	60	55	62	60	63	59	65	62	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
29f	Lot 1_135 Station Street	60	55	56	54	61	58	63	60	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
29g	Lot 1_113 Station Street	60	55	51	49	56	53	58	55	No	No	Yes	Yes	No	No	No	No

Location	Address	Base Criteria		Existing Noise Levels		2016 Design Noise Levels		2026 Design Noise Levels		2026 Noise Levels Exceed Criteria?		Is difference Greater than 2dB?		2026 Design Noise Acute?		Mitigation Required?	
		Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night
29h	76 Station Street	60	55	51	49	55	52	58	54	No	No	Yes	Yes	No	No	No	No
29i	74 Station Street	60	55	51	49	56	53	59	55	No	No	Yes	Yes	No	No	No	No
29i	74 Station Street	60	55	51	48	55	52	58	54	No	No	Yes	Yes	No	No	No	No
29j	72 Station Street	60	55	48	45	53	50	55	52	No	No	Yes	Yes	No	No	No	No
29j	72 Station Street	60	55	50	48	55	51	57	54	No	No	Yes	Yes	No	No	No	No
29k	70 Station Street	60	55	48	45	55	51	57	54	No	No	Yes	Yes	No	No	No	No
29k	70 Station Street	60	55	50	48	53	50	55	52	No	No	Yes	Yes	No	No	No	No
29l	68 Station Street	60	55	51	48	54	51	56	53	No	No	Yes	Yes	No	No	No	No
29l	68 Station Street	60	55	50	47	56	52	58	54	No	No	Yes	Yes	No	No	No	No
29m	64 Station Street	60	55	50	48	55	52	57	54	No	No	Yes	Yes	No	No	No	No
29n	135 South Bank Road	60	55	51	49	56	53	58	55	No	No	Yes	Yes	No	No	No	No
29o	2 South Bank Road East	60	55	51	49	58	54	60	56	No	Yes	Yes	Yes	No	No	No	Yes
30a	60 Stuarts Point Road	60	55	53	50	58	55	60	57	No	Yes	Yes	Yes	No	No	No	Yes
30b	51 Stuarts Point Road	60	55	50	48	61	58	64	60	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes

Location	Address	Base Criteria		Existing Noise Levels		2016 Design Noise Levels		2026 Design Noise Levels		2026 Noise Levels Exceed Criteria?		Is difference Greater than 2dB?		2026 Design Noise Acute?		Mitigation Required?	
		Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night
30c	21 Stuarts Point Road	60	55	51	48	65	62	68	64	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
30d	Lot 2 Thurgood Lane	60	55	52	49	56	52	58	54	No	No	Yes	Yes	No	No	No	No
30e	55 Stuarts Point Road	60	55	49	46	60	57	62	59	Yes	Yes	Yes	Yes	No	No	Yes	Yes
31a	29 Brushbox Road	60	55	54	52	59	56	61	58	Yes	Yes	Yes	Yes	No	No	Yes	Yes
31b	3386 Pacific Highway	60	55	56	54	61	58	63	60	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
31c	3420 Pacific Highway	60	55	63	60	69	66	72	68	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	329 Kemps Access	55	50	38	35	51	49	53	50	No	No	Yes	Yes	No	No	No	No
	361 Kemps Access	55	50	37	36	50	47	52	49	No	No	Yes	Yes	No	No	No	No
	36 Station Street	60	55	51	48	56	52	58	54	No	No	Yes	Yes	No	No	No	No
	40 Station Street	60	55	50	47	54	51	57	53	No	No	Yes	Yes	No	No	No	No
	46 Station Street	60	55	52	50	57	53	59	56	No	Yes	Yes	Yes	No	No	No	Yes
	50 Station Street	60	55	50	48	57	53	59	55	No	No	Yes	Yes	No	No	No	No
	60 Station Street	60	55	51	48	56	52	58	55	No	No	Yes	Yes	No	No	No	No
	62 Station Street	60	55	51	48	56	52	58	54	No	No	Yes	Yes	No	No	No	No

Location	Address	Base Criteria		Existing Noise Levels		2016 Design Noise Levels		2026 Design Noise Levels		2026 Noise Levels Exceed Criteria?		Is difference Greater than 2dB?		2026 Design Noise Acute?		Mitigation Required?	
		Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night
	4 South Bank East Rd	60	55	51	49	57	54	60	56	No	Yes	Yes	Yes	No	No	No	Yes
	6 South Bank East Rd	60	55	49	47	56	53	58	55	No	No	Yes	Yes	No	No	No	No