Appendix C Construction information

C.1 Construction plant and equipment

Table C-1 Construction plant and equipment and sound power levels (SWL), dB(A) re. 1pW

ID	Scenario	Plant Item	SWL $L_{Aeq(15min)}$	Activity	
				Peak impact	Typical impact
1	Pre-construction and site establishment	Truck (HIAB)	103	✓	-
		Road Trucks	108	✓	✓
		Light vehicles	89	✓	✓
		Heavy vehicles (floats, semi-trailers)	108	✓	-
		Excavators	102	✓	✓
		Backhoe	100	✓	✓
		Front end loader	107	✓	✓
		Fuel trucks	108	✓	-
		Chainsaws	118	✓	-
		Mulcher	114	✓	-
		Water cart	98	✓	✓
		Franna crane	98	✓	✓
		Hand Tools	101	✓	✓
		Welding equipment	105	✓	✓
2	Ancillary facility – establishment	Truck (HIAB)	103	✓	-
		Road Trucks	108	✓	✓
		Light vehicles	89	✓	✓
		Heavy vehicles (floats, semi-trailers)	108	✓	-
		Excavators	102	✓	✓
		Backhoe	100	✓	✓
		Front end loader	107	✓	✓
		Fuel trucks	108	✓	-
		Chainsaws	118	✓	-
		Mulcher	114	✓	-
		Water cart	98	✓	✓
		Small mobile crane	98	✓	✓
		Franna crane	98	✓	-
		Hand Tools	101	✓	✓
		Welding equipment	105	✓	✓
		Site sheds (workshops)	101	✓	✓
		Generators	94	✓	✓

ID	Scenario	Plant Item	SWL $L_{Aeq(15min)}$	Activity	
				Peak impact	Typical impact
3	Ancillary facility – operation	Truck (HIAB)	103	✓	-
		Road Trucks	108	✓	✓
		Light vehicles	89	✓	✓
		Heavy vehicles (floats, semi-trailers)	108	✓	-
		Backhoe	100	✓	✓
		Fuel trucks	108	✓	-
		Water cart	98	✓	✓
		Franna crane	98	✓	✓
		Hand Tools	101	✓	✓
		Welding equipment	105	✓	✓
		Site sheds (workshops)	101	✓	✓
		Generators	94	✓	✓
4	Batch plant operation (general)	Front end loader	107	✓	✓
		Excavator	102	✓	✓
		Water cart	98	✓	✓
		Dump truck	108	✓	✓
		Franna crane	98	✓	-
		Road trucks	108	✓	✓
		Rock crusher	115	✓	-
		Screening equipment	105	✓	-
	Concrete batch plant operation	Concrete batch plant	111	✓	✓
	Asphalt batch plant operation	Asphalt batch plant	116	✓	✓
5	Clearing, grubbing, and demolition	Excavator	102	✓	-
		Excavator with harvester attachment	114	✓	✓
		Fuel truck	108	✓	-
		Bulldozer	114	✓	-
		Dump truck	108	✓	-
		Skidder	114	✓	-
		Chainsaw	118	✓	✓
		Tub grinder/mulcher	114	✓	✓
		Elevated work platform	102	✓	-
		Light vehicles	89	✓	✓

ID	Scenario	Plant Item	SWL $L_{Aeq(15min)}$	Activity	
				Peak impact	Typical impact
6	Utility works	Excavators	102	✓	✓
		Backhoes	100	✓	-
		Dump trucks	108	✓	✓
		Concrete trucks	105	✓	✓
		Road Trucks	108	✓	-
		Light vehicles	89	✓	✓
		Jackhammers	113	✓	-
		Concrete saws	120	✓	✓
		Hand held equipment	101	✓	✓
7	Bulk earthworks – cuttings	Excavators	102	✓	✓
		Excavator + hydraulic breaker	120	✓	-
		Dump Trucks	108	✓	✓
		Bulldozers	114	✓	✓
		Front end loaders	107	✓	-
		Scrapers	110	✓	-
		Water cart	98	✓	✓
		Truck and dog	108	✓	-
		Light vehicles	89	✓	-
		Impact / jaw crusher plant	115	✓	✓
8	Blasting	*Assessed for blast overpressure and ground vibration*			
9	Bulk earthworks – fill	Excavators	102	✓	✓
		Dump Trucks	108	✓	✓
		Bulldozers	114	✓	-
		Grader	113	✓	✓
		Scraper	110	✓	-
		Water cart	98	✓	✓
		Truck and dog	108	✓	✓
		Vibratory rollers up to 26 tonne	109	✓	✓
		Light vehicles	89	✓	-

ID	Scenario	Plant Item	SWL $L_{Aeq(15min)}$	Activity	
				Peak impact	Typical impact
10	Concrete pavement (including pavement drainage)	Water carts	98	✓	✓
		Road trucks	108	✓	✓
		Concrete paver	114	✓	✓
		Texturing machines	103	✓	-
		Sprayers for curing	103	✓	-
		Bitumen spraying truck	103	✓	✓
		Concrete saw	120	✓	-
		Backhoe	100	✓	✓
		Truck Compressor	100	✓	✓
		Light vehicles	89	✓	✓
11	Asphalt pavement (including pavement drainage)	Road trucks/truck and dog	108	✓	✓
		Asphalt paver	103	✓	✓
		Smooth drum vibratory rollers	106	✓	-
		Multi-tyre roller	106	✓	✓
		Bitumen spraying truck	103	✓	-
		Aggregate spreader	108	✓	-
		Aggregate sweeper	104	✓	-
		Road trucks	108	✓	✓
		Truck Compressor	100	✓	✓
		Light vehicles	89	✓	✓
		Asphalt rotormill	110	✓	-
		Kerbing machine	114	✓	✓
12	Bridge and viaduct superstructure	Large mobile/crawler cranes (350 - 500t)	110	✓	✓
		Franna Crane	98	✓	✓
		Concrete trucks	105	✓	-
		Concrete Pumps	103	✓	✓
		Generators	94	✓	-
		Compressors	100	✓	✓
		Excavators	102	✓	✓
		Hand tools	101	✓	✓
		Light vehicles	89	✓	✓
		Welding equipment	105	✓	✓
		Elevated work platforms	102	✓	-
		Dewatering pumps	103	✓	-
		Road trucks	108	✓	✓
		Dump tucks	108	✓	-
		Water carts	98	✓	✓

ID	Scenario	Plant Item	SWL $L_{Aeq(15min)}$	Activity	
				Peak impact	Typical impact
		Oversize trucks delivering precast elements	108	✓	✓
		Heavy vehicles delivering plant, equipment and materials	108	✓	-
		Crane barge	106	✓	-
		Supply barges	106	✓	-
13	Piling for bridges and bridge approaches	Bored piling rigs	112	✓	✓
		Crawler crane with vibrating/impact driving hammer	121	✓	-
		Excavator with sheet piling attachment	111	✓	-
		Excavators	102	✓	✓
		Concrete trucks	105	✓	✓
		Concrete pumps	103	✓	✓
		Hand tools	101	✓	✓
		Welding equipment	105	✓	✓
		Compressors	100	✓	✓
		Generators	94	✓	✓
		Franna crane	98	✓	-
		Mobile crane	110	✓	✓
		Piling rig barge	106	✓	-
		Light vehicles	89	✓	✓
		Heavy vehicles delivering piling materials	108	✓	✓
14	Roadside furniture and finishing work	Excavators	102	✓	✓
		Elevated work platforms	102	✓	-
		Road trucks	108	✓	✓
		Mobile cranes	110	✓	-
		Franna cranes	98	✓	-
		Concrete trucks	105	✓	-
		Light vehicles	89	✓	✓
		Hand held tools	101	✓	-
		Jackhammers	113	✓	-
		Line Marking Truck	108	✓	✓
		Generators	94	✓	✓

ID	Scenario	Plant Item	SWL $L_{Aeq(15min)}$	Activity	
				Peak impact	Typical impact
15	Traffic management and control	Small trucks	103	✓	✓
		Light vehicles	89	✓	✓
		Generators	94	✓	✓
		Hand tools	101	✓	✓
16	Landscaping	Light vehicle	89	✓	-
		Water cart	98	✓	✓
		Bobcat	107	✓	✓
		Excavator	102	✓	✓
		Front end loaders	107	✓	-
		Graders	113	✓	-
		Road trucks	108	✓	-
		Hand held tools	101	✓	-
		Side tipper	108	✓	✓
17	Cross drainage	Excavators	102	✓	✓
		Backhoe	100	✓	-
		Elevated work platforms	102	✓	-
		Mobile cranes	110	✓	✓
		Franna cranes	98	✓	✓
		Concrete trucks	105	✓	✓
		Concrete pumps	103	✓	✓
		Compressors	100	✓	✓
		Generators	94	✓	✓
		Vibratory rollers	109	✓	-
		Road trucks	108	✓	✓
		Light vehicles	89	✓	✓
		Hand held compactors	105	✓	✓
		Hand held tools	101	✓	✓

C.2 Predicted construction noise levels

Table C-2 Predicted maximum $L_{Aeq(15\ minute)}$ construction noise levels at residential receivers – daytime (standard hours)

ID	Scenario	Activity	NCA01A	NCA01B	NCA03	NCA04A	NCA04B	NCA05A	NCA05B	NCA06	NCA07	NCA08	NCA09	NCA12	NCA13	NCA14A	NCA14B	NCA14C
1	Pre-construction and site establishment	Peak impact	59	46	37	87	61	58	49	36	64	55	68	49	51	63	49	47
		Typical impact	51	39	30	79	53	50	41	<30	56	47	60	41	43	56	41	39
2	Ancillary facility – establishment	Peak impact	44	46	38	80	63	61	46	37	72	71	57	47	46	61	44	39
		Typical impact	36	38	30	72	55	54	38	30	64	63	50	40	38	53	36	32
3	Ancillary facility – operation	Peak impact	37	40	32	74	56	55	40	31	65	65	51	41	40	54	37	33
		Typical impact	34	37	<30	71	53	52	37	<30	62	62	48	38	37	51	34	30
4A	Batch plant operation (concrete batch plant)	Peak impact	34	42	30	51	47	49	40	35	54	45	51	38	30	45	33	<30
		Typical impact	31	38	<30	48	44	46	37	32	50	42	48	35	<30	41	30	<30
4B	Batch plant operation (asphalt batch plant)	Peak impact	36	43	31	53	49	51	41	36	55	46	52	40	32	46	34	<30
		Typical impact	<30	36	<30	46	42	44	34	<30	48	40	46	33	<30	39	<30	<30
5	Clearing, grubbing, and demolition	Peak impact	61	48	39	89	62	60	51	38	66	57	70	51	52	65	50	49
		Typical impact	59	46	37	87	60	58	49	36	64	55	68	49	50	63	48	46
6	Utility works	Peak impact	60	47	38	88	61	59	50	37	65	56	69	50	51	64	49	47
		Typical impact	59	46	37	87	60	58	49	36	64	55	68	49	50	63	48	47
7	Bulk earthworks – cuttings	Peak impact	61	48	39	64	59	51	48	36	50	42	58	51	52	65	50	45
		Typical impact	56	44	35	60	54	47	44	32	45	38	53	46	47	61	45	41
9	Bulk earthworks – fill	Peak impact	57	45	36	60	55	52	46	33	54	38	54	47	48	62	46	42
		Typical impact	54	42	33	58	52	49	43	31	52	36	52	45	45	59	43	39

ID	Scenario	Activity	NCA01A	NCA01B	NCA03	NCA04A	NCA04B	NCA05A	NCA05B	NCA06	NCA07	NCA08	NCA09	NCA12	NCA13	NCA14A	NCA14B	NCA14C
10	Concrete pavement (including pavement drainage)	Peak impact	45	44	37	63	56	54	47	36	65	45	58	50	52	65	50	48
		Typical impact	41	39	33	59	52	49	43	31	61	40	54	46	48	61	46	44
11	Asphalt pavement (including pavement drainage)	Peak impact	41	39	33	66	55	50	45	33	53	41	58	30	44	42	40	36
		Typical impact	39	37	31	64	53	48	43	31	51	39	56	<30	42	40	39	34
12	Bridge and viaduct superstructure	Peak impact	56	43	34	84	57	55	46	33	53	52	65	33	48	51	45	42
		Typical impact	53	41	32	81	55	52	43	30	51	50	63	30	45	48	43	39
13	Piling for bridges and bridge approaches	Peak impact	61	48	39	89	62	60	51	38	58	57	70	38	52	56	50	47
		Typical impact	55	42	33	82	56	54	45	32	52	51	64	31	46	49	44	40
14	Roadside furniture and finishing work	Peak impact	55	43	34	83	57	54	45	32	60	52	65	45	47	60	45	43
		Typical impact	50	37	<30	78	51	49	40	<30	55	46	59	40	41	54	39	37
15	Traffic management and control	Peak impact	44	31	<30	72	45	43	34	<30	49	40	53	34	35	48	33	31
		Typical impact	44	31	<30	72	45	43	34	<30	49	40	53	34	35	48	33	31
16	Landscaping	Peak impact	55	42	33	83	56	54	45	32	60	51	64	45	46	59	44	42
		Typical impact	49	37	<30	77	51	48	39	<30	54	46	59	39	41	54	39	37
17	Cross drainage	Peak impact	54	42	33	82	56	53	44	31	59	50	63	44	46	59	44	42
		Typical impact	53	40	31	81	54	52	43	30	58	49	62	43	44	57	42	41

Note: NCA02, NCA10 and NCA11 comprise of commercial and industrial receivers and hence, are not included this table

Table C-3 Predicted maximum $L_{Aeq(15\ minute)}$ construction noise levels at residential receivers – morning shoulder

ID	Scenario	Activity	NCA01A	NCA01B	NCA03	NCA04A	NCA04B	NCA05A	NCA05B	NCA06	NCA07	NCA08	NCA09	NCA12	NCA13	NCA14A	NCA14B	NCA14C
1	Pre-construction and site establishment	Peak impact	59	46	37	87	61	58	49	36	64	55	68	49	51	63	49	47
		Typical impact	51	39	30	79	53	50	41	<30	56	47	60	41	43	56	41	39
2	Ancillary facility – establishment	Peak impact	44	46	38	80	63	61	46	37	72	71	57	47	46	61	44	39
		Typical impact	36	38	30	72	55	54	38	30	64	63	50	40	38	53	36	32
3	Ancillary facility – operation	Peak impact	37	40	32	74	56	55	40	31	65	65	51	41	40	54	37	33
		Typical impact	34	37	<30	71	53	52	37	<30	62	62	48	38	37	51	34	30
4A	Batch plant operation (concrete batch plant)	Peak impact	34	42	30	51	47	49	40	35	54	45	51	38	30	45	33	<30
		Typical impact	31	38	<30	48	44	46	37	32	50	42	48	35	<30	41	30	<30
4B	Batch plant operation (asphalt batch plant)	Peak impact	36	43	31	53	49	51	41	36	55	46	52	40	32	46	34	<30
		Typical impact	<30	36	<30	46	42	44	34	<30	48	40	46	33	<30	39	<30	<30
5	Clearing, grubbing, and demolition	Peak impact	61	48	39	89	62	60	51	38	66	57	70	51	52	65	50	49
		Typical impact	59	46	37	87	60	58	49	36	64	55	68	49	50	63	48	46
6	Utility works	Peak impact	60	47	38	88	61	59	50	37	65	56	69	50	51	64	49	47
		Typical impact	59	46	37	87	60	58	49	36	64	55	68	49	50	63	48	47
7	Bulk earthworks – cuttings	Peak impact	61	48	39	64	59	51	48	36	50	42	58	51	52	65	50	45
		Typical impact	56	44	35	60	54	47	44	32	45	38	53	46	47	61	45	41
9	Bulk earthworks – fill	Peak impact	57	45	36	60	55	52	46	33	54	38	54	47	48	62	46	42
		Typical impact	54	42	33	58	52	49	43	31	52	36	52	45	45	59	43	39

ID	Scenario	Activity	NCA01A	NCA01B	NCA03	NCA04A	NCA04B	NCA05A	NCA05B	NCA06	NCA07	NCA08	NCA09	NCA12	NCA13	NCA14A	NCA14B	NCA14C
10	Concrete pavement (including pavement drainage)	Peak impact	45	44	37	63	56	54	47	36	65	45	58	50	52	65	50	48
		Typical impact	41	39	33	59	52	49	43	31	61	40	54	46	48	61	46	44
11	Asphalt pavement (including pavement drainage)	Peak impact	41	39	33	66	55	50	45	33	53	41	58	30	44	42	40	36
		Typical impact	39	37	31	64	53	48	43	31	51	39	56	<30	42	40	39	34
12	Bridge and viaduct superstructure	Peak impact	56	43	34	84	57	55	46	33	53	52	65	33	48	51	45	42
		Typical impact	53	41	32	81	55	52	43	30	51	50	63	30	45	48	43	39
13	Piling for bridges and bridge approaches	Peak impact	61	48	39	89	62	60	51	38	58	57	70	38	52	56	50	47
		Typical impact	55	42	33	82	56	54	45	32	52	51	64	31	46	49	44	40
14	Roadside furniture and finishing work	Peak impact	55	43	34	83	57	54	45	32	60	52	65	45	47	60	45	43
		Typical impact	50	37	<30	78	51	49	40	<30	55	46	59	40	41	54	39	37
15	Traffic management and control	Peak impact	44	31	<30	72	45	43	34	<30	49	40	53	34	35	48	33	31
		Typical impact	44	31	<30	72	45	43	34	<30	49	40	53	34	35	48	33	31
16	Landscaping	Peak impact	55	42	33	83	56	54	45	32	60	51	64	45	46	59	44	42
		Typical impact	49	37	<30	77	51	48	39	<30	54	46	59	39	41	54	39	37
17	Cross drainage	Peak impact	54	42	33	82	56	53	44	31	59	50	63	44	46	59	44	42
		Typical impact	53	40	31	81	54	52	43	30	58	49	62	43	44	57	42	41

Note: NCA02, NCA10 and NCA11 comprise of commercial and industrial receivers and hence, are not included this table

Table C-4 Predicted maximum $L_{Aeq(15\ minute)}$ construction noise levels at residential receivers – daytime (outside standard hours)

ID	Scenario	Activity	NCA01A	NCA01B	NCA03	NCA04A	NCA04B	NCA05A	NCA05B	NCA06	NCA07	NCA08	NCA09	NCA12	NCA13	NCA14A	NCA14B	NCA14C
1	Pre-construction and site establishment	Peak impact	59	46	37	87	61	58	49	36	64	55	68	49	51	63	49	47
		Typical impact	51	39	30	79	53	50	41	<30	56	47	60	41	43	56	41	39
2	Ancillary facility – establishment	Peak impact	44	46	38	80	63	61	46	37	72	71	57	47	46	61	44	39
		Typical impact	36	38	30	72	55	54	38	30	64	63	50	40	38	53	36	32
3	Ancillary facility – operation	Peak impact	37	40	32	74	56	55	40	31	65	65	51	41	40	54	37	33
		Typical impact	34	37	<30	71	53	52	37	<30	62	62	48	38	37	51	34	30
4A	Batch plant operation (concrete batch plant)	Peak impact	34	42	30	51	47	49	40	35	54	45	51	38	30	45	33	<30
		Typical impact	31	38	<30	48	44	46	37	32	50	42	48	35	<30	41	30	<30
4B	Batch plant operation (asphalt batch plant)	Peak impact	36	43	31	53	49	51	41	36	55	46	52	40	32	46	34	<30
		Typical impact	<30	36	<30	46	42	44	34	<30	48	40	46	33	<30	39	<30	<30
5	Clearing, grubbing, and demolition	Peak impact	61	48	39	89	62	60	51	38	66	57	70	51	52	65	50	49
		Typical impact	59	46	37	87	60	58	49	36	64	55	68	49	50	63	48	46
6	Utility works	Peak impact	60	47	38	88	61	59	50	37	65	56	69	50	51	64	49	47
		Typical impact	59	46	37	87	60	58	49	36	64	55	68	49	50	63	48	47
7	Bulk earthworks – cuttings	Peak impact	61	48	39	64	59	51	48	36	50	42	58	51	52	65	50	45
		Typical impact	56	44	35	60	54	47	44	32	45	38	53	46	47	61	45	41
9	Bulk earthworks – fill	Peak impact	57	45	36	60	55	52	46	33	54	38	54	47	48	62	46	42
		Typical impact	54	42	33	58	52	49	43	31	52	36	52	45	45	59	43	39

ID	Scenario	Activity	NCA01A	NCA01B	NCA03	NCA04A	NCA04B	NCA05A	NCA05B	NCA06	NCA07	NCA08	NCA09	NCA12	NCA13	NCA14A	NCA14B	NCA14C
10	Concrete pavement (including pavement drainage)	Peak impact	45	44	37	63	56	54	47	36	65	45	58	50	52	65	50	48
		Typical impact	41	39	33	59	52	49	43	31	61	40	54	46	48	61	46	44
11	Asphalt pavement (including pavement drainage)	Peak impact	41	39	33	66	55	50	45	33	53	41	58	30	44	42	40	36
		Typical impact	39	37	31	64	53	48	43	31	51	39	56	<30	42	40	39	34
12	Bridge and viaduct superstructure	Peak impact	56	43	34	84	57	55	46	33	53	52	65	33	48	51	45	42
		Typical impact	53	41	32	81	55	52	43	30	51	50	63	30	45	48	43	39
13	Piling for bridges and bridge approaches	Peak impact	61	48	39	89	62	60	51	38	58	57	70	38	52	56	50	47
		Typical impact	55	42	33	82	56	54	45	32	52	51	64	31	46	49	44	40
14	Roadside furniture and finishing work	Peak impact	55	43	34	83	57	54	45	32	60	52	65	45	47	60	45	43
		Typical impact	50	37	<30	78	51	49	40	<30	55	46	59	40	41	54	39	37
15	Traffic management and control	Peak impact	44	31	<30	72	45	43	34	<30	49	40	53	34	35	48	33	31
		Typical impact	44	31	<30	72	45	43	34	<30	49	40	53	34	35	48	33	31
16	Landscaping	Peak impact	55	42	33	83	56	54	45	32	60	51	64	45	46	59	44	42
		Typical impact	49	37	<30	77	51	48	39	<30	54	46	59	39	41	54	39	37
17	Cross drainage	Peak impact	54	42	33	82	56	53	44	31	59	50	63	44	46	59	44	42
		Typical impact	53	40	31	81	54	52	43	30	58	49	62	43	44	57	42	41

Notes: NCA02, NCA10 and NCA11 comprise of commercial and industrial receivers and hence, are not included this table.

Table C-5 Predicted maximum $L_{Aeq(15\ minute)}$ construction noise levels at residential receivers – evening shoulder

ID	Scenario	Activity	NCA01A	NCA01B	NCA03	NCA04A	NCA04B	NCA05A	NCA05B	NCA06	NCA07	NCA08	NCA09	NCA12	NCA13	NCA14A	NCA14B	NCA14C
1	Pre-construction and site establishment	Peak impact	59	46	37	87	61	58	49	36	64	55	68	49	51	63	49	47
		Typical impact	51	39	30	79	53	50	41	<30	56	47	60	41	43	56	41	39
2	Ancillary facility – establishment	Peak impact	44	46	38	80	63	61	46	37	72	71	57	47	46	61	44	39
		Typical impact	36	38	30	72	55	54	38	30	64	63	50	40	38	53	36	32
3	Ancillary facility – operation	Peak impact	37	40	32	74	56	55	40	31	65	65	51	41	40	54	37	33
		Typical impact	34	37	<30	71	53	52	37	<30	62	62	48	38	37	51	34	30
4A	Batch plant operation (concrete batch plant)	Peak impact	34	42	30	51	47	49	40	35	54	45	51	38	30	45	33	<30
		Typical impact	31	38	<30	48	44	46	37	32	50	42	48	35	<30	41	30	<30
4B	Batch plant operation (asphalt batch plant)	Peak impact	36	43	31	53	49	51	41	36	55	46	52	40	32	46	34	<30
		Typical impact	<30	36	<30	46	42	44	34	<30	48	40	46	33	<30	39	<30	<30
5	Clearing, grubbing, and demolition	Peak impact	61	48	39	89	62	60	51	38	66	57	70	51	52	65	50	49
		Typical impact	59	46	37	87	60	58	49	36	64	55	68	49	50	63	48	46
6	Utility works	Peak impact	60	47	38	88	61	59	50	37	65	56	69	50	51	64	49	47
		Typical impact	59	46	37	87	60	58	49	36	64	55	68	49	50	63	48	47
7	Bulk earthworks – cuttings	Peak impact	61	48	39	64	59	51	48	36	50	42	58	51	52	65	50	45
		Typical impact	56	44	35	60	54	47	44	32	45	38	53	46	47	61	45	41
9	Bulk earthworks – fill	Peak impact	57	45	36	60	55	52	46	33	54	38	54	47	48	62	46	42
		Typical impact	54	42	33	58	52	49	43	31	52	36	52	45	45	59	43	39

ID	Scenario	Activity	NCA01A	NCA01B	NCA03	NCA04A	NCA04B	NCA05A	NCA05B	NCA06	NCA07	NCA08	NCA09	NCA12	NCA13	NCA14A	NCA14B	NCA14C
10	Concrete pavement (including pavement drainage)	Peak impact	45	44	37	63	56	54	47	36	65	45	58	50	52	65	50	48
		Typical impact	41	39	33	59	52	49	43	31	61	40	54	46	48	61	46	44
11	Asphalt pavement (including pavement drainage)	Peak impact	41	39	33	66	55	50	45	33	53	41	58	30	44	42	40	36
		Typical impact	39	37	31	64	53	48	43	31	51	39	56	<30	42	40	39	34
12	Bridge and viaduct superstructure	Peak impact	56	43	34	84	57	55	46	33	53	52	65	33	48	51	45	42
		Typical impact	53	41	32	81	55	52	43	30	51	50	63	30	45	48	43	39
13	Piling for bridges and bridge approaches	Peak impact	61	48	39	89	62	60	51	38	58	57	70	38	52	56	50	47
		Typical impact	55	42	33	82	56	54	45	32	52	51	64	31	46	49	44	40
14	Roadside furniture and finishing work	Peak impact	55	43	34	83	57	54	45	32	60	52	65	45	47	60	45	43
		Typical impact	50	37	<30	78	51	49	40	<30	55	46	59	40	41	54	39	37
15	Traffic management and control	Peak impact	44	31	<30	72	45	43	34	<30	49	40	53	34	35	48	33	31
		Typical impact	44	31	<30	72	45	43	34	<30	49	40	53	34	35	48	33	31
16	Landscaping	Peak impact	55	42	33	83	56	54	45	32	60	51	64	45	46	59	44	42
		Typical impact	49	37	<30	77	51	48	39	<30	54	46	59	39	41	54	39	37
17	Cross drainage	Peak impact	54	42	33	82	56	53	44	31	59	50	63	44	46	59	44	42
		Typical impact	53	40	31	81	54	52	43	30	58	49	62	43	44	57	42	41

Notes: NCA02, NCA10 and NCA11 comprise of commercial and industrial receivers and hence, are not included this table.

Table C-6 Predicted maximum $L_{Aeq(15\ minute)}$ construction noise levels at residential receivers – evening

ID	Scenario	Activity	NCA01A	NCA01B	NCA03	NCA04A	NCA04B	NCA05A	NCA05B	NCA06	NCA07	NCA08	NCA09	NCA12	NCA13	NCA14A	NCA14B	NCA14C
1	Pre-construction and site establishment	Peak impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Ancillary facility – establishment	Peak impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Ancillary facility – operation	Peak impact	37	40	32	74	56	55	40	31	65	65	51	41	40	54	37	33
		Typical impact	34	37	<30	71	53	52	37	<30	62	62	48	38	37	51	34	30
4A	Batch plant operation (concrete batch plant)	Peak impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4B	Batch plant operation (asphalt batch plant)	Peak impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Clearing, grubbing, and demolition	Peak impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Utility works	Peak impact	60	47	38	88	61	59	50	37	65	56	69	50	51	64	49	47
		Typical impact	59	46	37	87	60	58	49	36	64	55	68	49	50	63	48	47
7	Bulk earthworks – cuttings	Peak impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ID	Scenario	Activity	NCA01A	NCA01B	NCA03	NCA04A	NCA04B	NCA05A	NCA05B	NCA06	NCA07	NCA08	NCA09	NCA12	NCA13	NCA14A	NCA14B	NCA14C
9	Bulk earthworks – fill	Peak impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Concrete pavement (including pavement drainage)	Peak impact	45	44	37	63	56	54	47	36	65	45	58	50	52	65	50	48
		Typical impact	41	39	33	59	52	49	43	31	61	40	54	46	48	61	46	44
11	Asphalt pavement (including pavement drainage)	Peak impact	41	39	33	66	55	50	45	33	53	41	58	30	44	42	40	36
		Typical impact	39	37	31	64	53	48	43	31	51	39	56	<30	42	40	39	34
12	Bridge and viaduct superstructure	Peak impact	56	43	34	84	57	55	46	33	53	52	65	33	48	51	45	42
		Typical impact	53	41	32	81	55	52	43	30	51	50	63	30	45	48	43	39
13	Piling for bridges and bridge approaches	Peak impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Roadside furniture and finishing work	Peak impact	55	43	34	83	57	54	45	32	60	52	65	45	47	60	45	43
		Typical impact	50	37	<30	78	51	49	40	<30	55	46	59	40	41	54	39	37
15	Traffic management and control	Peak impact	44	31	<30	72	45	43	34	<30	49	40	53	34	35	48	33	31
		Typical impact	44	31	<30	72	45	43	34	<30	49	40	53	34	35	48	33	31
16	Landscaping	Peak impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ID	Scenario	Activity	NCA01A	NCA01B	NCA03	NCA04A	NCA04B	NCA05A	NCA05B	NCA06	NCA07	NCA08	NCA09	NCA12	NCA13	NCA14A	NCA14B	NCA14C
17	Cross drainage	Peak impact	54	42	33	82	56	53	44	31	59	50	63	44	46	59	44	42
		Typical impact	53	40	31	81	54	52	43	30	58	49	62	43	44	57	42	41

Notes: NCA02, NCA10 and NCA11 comprise of commercial and industrial receivers and hence, are not included this table

Predicted construction noise levels only presented for scenarios where work would be carried out during the evening period.

Table C-7 Predicted maximum $L_{Aeq(15\ minute)}$ construction noise levels at residential receivers – night

ID	Scenario	Activity	NCA01A	NCA01B	NCA03	NCA04A	NCA04B	NCA05A	NCA05B	NCA06	NCA07	NCA08	NCA09	NCA12	NCA13	NCA14A	NCA14B	NCA14C
1	Pre-construction and site establishment	Peak impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Ancillary facility – establishment	Peak impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Ancillary facility – operation	Peak impact	37	40	32	74	56	55	40	31	65	65	51	41	40	54	37	33
		Typical impact	34	37	<30	71	53	52	37	<30	62	62	48	38	37	51	34	30
4A	Batch plant operation (concrete batch plant)	Peak impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4B	Batch plant operation (asphalt batch plant)	Peak impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Clearing, grubbing, and demolition	Peak impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Utility works	Peak impact	60	47	38	88	61	59	50	37	65	56	69	50	51	64	49	47
		Typical impact	59	46	37	87	60	58	49	36	64	55	68	49	50	63	48	47
7	Bulk earthworks – cuttings	Peak impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Bulk earthworks – fill	Peak impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ID	Scenario	Activity	NCA01A	NCA01B	NCA03	NCA04A	NCA04B	NCA05A	NCA05B	NCA06	NCA07	NCA08	NCA09	NCA12	NCA13	NCA14A	NCA14B	NCA14C
10	Concrete pavement (including pavement drainage)	Peak impact	45	44	37	63	56	54	47	36	65	45	58	50	52	65	50	48
		Typical impact	41	39	33	59	52	49	43	31	61	40	54	46	48	61	46	44
11	Asphalt pavement (including pavement drainage)	Peak impact	41	39	33	66	55	50	45	33	53	41	58	30	44	42	40	36
		Typical impact	39	37	31	64	53	48	43	31	51	39	56	<30	42	40	39	34
12	Bridge and viaduct superstructure	Peak impact	56	43	34	84	57	55	46	33	53	52	65	33	48	51	45	42
		Typical impact	53	41	32	81	55	52	43	30	51	50	63	30	45	48	43	39
13	Piling for bridges and bridge approaches	Peak impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Roadside furniture and finishing work	Peak impact	55	43	34	83	57	54	45	32	60	52	65	45	47	60	45	43
		Typical impact	50	37	<30	78	51	49	40	<30	55	46	59	40	41	54	39	37
15	Traffic management and control	Peak impact	44	31	<30	72	45	43	34	<30	49	40	53	34	35	48	33	31
		Typical impact	44	31	<30	72	45	43	34	<30	49	40	53	34	35	48	33	31
16	Landscaping	Peak impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Cross drainage	Peak impact	54	42	33	82	56	53	44	31	59	50	63	44	46	59	44	42
		Typical impact	53	40	31	81	54	52	43	30	58	49	62	43	44	57	42	41

Notes:
NCA02, NCA10 and NCA11 comprise of commercial and industrial receivers and hence, are not included this table
Predicted construction noise levels only presented for scenarios where work would be carried out during the night period.

Table C-8 Predicted maximum $L_{Aeq(15\ minute)}$ construction noise levels at commercial and/or industrial receivers

ID	Scenario	Activity	NCA01A	NCA01B	NCA02	NCA03	NCA04A	NCA04B	NCA05A	NCA05B	NCA06	NCA07	NCA08	NCA09	NCA10	NCA11	NCA12	NCA13	NCA14A	NCA14B	NCA14C
1	Pre-construction and site establishment	Peak impact	44	-	72	40	79	48	60	43	36	-	41	55	98	64	85	50	84	38	41
		Typical impact	36	-	64	32	71	40	52	35	28	-	33	47	90	57	77	42	76	30	34
2	Ancillary facility – establishment	Peak impact	35	-	68	39	70	42	63	43	36	-	66	48	66	41	102	48	57	37	38
		Typical impact	27	-	60	32	62	35	55	36	28	-	58	40	59	34	94	40	49	30	30
3	Ancillary facility – operation	Peak impact	28	-	62	33	64	36	56	37	29	-	60	41	60	35	96	41	51	31	31
		Typical impact	25	-	59	30	61	33	53	34	26	-	57	38	57	32	93	38	48	28	28
4A	Batch plant operation (concrete batch plant)	Peak impact	-	-	45	32	46	38	46	35	32	-	40	45	64	28	82	33	42	-	-
		Typical impact	-	-	42	28	43	35	43	32	29	-	36	42	60	25	79	30	39	-	-
4B	Batch plant operation (asphalt batch plant)	Peak impact	-	-	47	33	47	40	48	36	34	-	41	46	65	29	84	34	44	-	-
		Typical impact	-	-	40	26	41	33	41	30	27	-	34	40	58	23	77	28	37	-	-
5	Clearing, grubbing, and demolition	Peak impact	46	-	74	42	81	50	61	45	38	-	43	57	100	66	87	52	85	40	43
		Typical impact	44	-	72	40	79	48	59	43	36	-	41	55	98	64	85	49	83	38	41
6	Utility works	Peak impact	45	-	73	41	80	49	60	44	37	-	42	56	99	65	86	50	84	39	42
		Typical impact	44	-	72	40	79	48	59	43	36	-	41	55	98	64	85	50	83	38	41
7	Bulk earthworks – cuttings	Peak impact	46	-	74	41	55	43	50	42	37	-	36	42	62	66	87	52	85	40	42
		Typical impact	41	-	69	37	50	39	45	38	32	-	31	38	58	62	82	47	81	35	38
9	Bulk earthworks – fill	Peak impact	42	-	70	37	52	39	52	39	34	-	39	38	59	63	83	48	82	36	39
		Typical impact	40	-	68	35	50	37	49	36	31	-	37	36	56	60	80	45	79	34	36
10	Concrete pavement (including pavement drainage)	Peak impact	36	-	74	39	63	43	53	43	36	-	41	45	69	66	86	51	74	40	43
		Typical impact	32	-	69	34	59	39	49	39	31	-	37	40	64	61	82	47	70	35	38

ID	Scenario	Activity	NCA01A	NCA01B	NCA02	NCA03	NCA04A	NCA04B	NCA05A	NCA05B	NCA06	NCA07	NCA08	NCA09	NCA10	NCA11	NCA12	NCA13	NCA14A	NCA14B	NCA14C
11	Asphalt pavement (including pavement drainage)	Peak impact	32	-	49	34	50	39	49	38	33	-	38	41	88	58	53	46	46	35	35
		Typical impact	30	-	47	32	48	37	47	36	31	-	36	39	86	56	51	44	44	33	33
12	Bridge and viaduct superstructure	Peak impact	41	-	60	37	76	45	57	40	33	-	38	52	92	54	54	47	81	35	38
		Typical impact	38	-	58	35	74	42	54	38	30	-	36	50	90	52	52	44	78	33	35
13	Piling for bridges and bridge approaches	Peak impact	46	-	65	42	81	50	61	45	38	-	43	57	97	59	59	52	86	40	43
		Typical impact	40	-	59	36	75	44	55	39	32	-	37	51	91	53	53	45	79	34	37
14	Roadside furniture and finishing work	Peak impact	40	-	68	36	76	44	56	40	32	-	37	52	94	61	81	46	80	34	38
		Typical impact	35	-	63	31	70	39	50	34	27	-	32	46	89	55	76	40	74	29	32
15	Traffic management and control	Peak impact	29	-	57	25	64	33	44	28	21	-	26	40	82	49	69	34	68	23	26
		Typical impact	29	-	57	25	64	33	44	28	21	-	26	40	82	49	69	34	68	23	26
16	Landscaping	Peak impact	40	-	68	36	75	44	55	39	32	-	37	51	94	60	81	45	79	34	37
		Typical impact	35	-	63	31	70	39	50	34	26	-	32	46	88	55	75	40	74	29	32
17	Cross drainage	Peak impact	39	-	67	35	74	43	55	38	31	-	36	50	93	60	80	45	79	33	37
		Typical impact	38	-	66	34	73	42	53	37	30	-	35	49	92	58	79	44	77	32	35

Note: No commercial or industrial receivers are located within NCA01B and NCA07

Table C-9 Predicted maximum $L_{Aeq(15\ minute)}$ construction noise levels at other sensitive receivers

ID	Scenario	Activity	NCA01A	NCA01B	NCA02	NCA03	NCA04A	NCA04B	NCA05A	NCA05B	NCA06	NCA07	NCA08	NCA09	NCA10	NCA11	NCA12	NCA13	NCA14A	NCA14B	NCA14C
1	Pre-construction and site establishment	Peak impact	45	-	51	-	68	51	-	48	37	-	-	-	-	72	-	-	64	38	39
		Typical impact	37	-	43	-	60	43	-	40	29	-	-	-	-	64	-	-	56	30	31
2	Ancillary facility – establishment	Peak impact	50	-	50	-	54	54	-	47	36	-	-	-	-	40	-	-	54	36	34
		Typical impact	43	-	43	-	46	46	-	39	29	-	-	-	-	32	-	-	46	29	26
3	Ancillary facility – operation	Peak impact	44	-	44	-	48	47	-	41	30	-	-	-	-	33	-	-	48	30	27
		Typical impact	41	-	41	-	45	44	-	38	27	-	-	-	-	30	-	-	45	27	24
4A	Batch plant operation (concrete batch plant)	Peak impact	41	-	34	-	47	41	-	38	32	-	-	-	-	28	-	-	42	-	-
		Typical impact	38	-	31	-	43	38	-	35	29	-	-	-	-	25	-	-	39	-	-
4B	Batch plant operation (asphalt batch plant)	Peak impact	43	-	36	-	48	43	-	40	33	-	-	-	-	30	-	-	44	-	-
		Typical impact	36	-	29	-	41	36	-	33	26	-	-	-	-	23	-	-	37	-	-
5	Clearing, grubbing, and demolition	Peak impact	46	-	52	-	70	53	-	50	38	-	-	-	-	74	-	-	66	40	40
		Typical impact	44	-	50	-	68	51	-	48	36	-	-	-	-	72	-	-	64	38	38
6	Utility works	Peak impact	45	-	51	-	69	52	-	49	37	-	-	-	-	73	-	-	65	39	39
		Typical impact	44	-	50	-	68	51	-	48	36	-	-	-	-	72	-	-	64	38	38
7	Bulk earthworks – cuttings	Peak impact	46	-	52	-	55	49	-	45	38	-	-	-	-	74	-	-	66	39	38
		Typical impact	42	-	48	-	50	44	-	41	33	-	-	-	-	70	-	-	61	35	34
9	Bulk earthworks – fill	Peak impact	43	-	49	-	55	45	-	44	34	-	-	-	-	70	-	-	62	36	35
		Typical impact	40	-	46	-	53	42	-	42	31	-	-	-	-	68	-	-	59	33	32
10	Concrete pavement (including pavement drainage)	Peak impact	46	-	48	-	53	50	-	44	37	-	-	-	-	88	-	-	66	39	40
		Typical impact	42	-	43	-	49	45	-	40	32	-	-	-	-	84	-	-	61	35	36

ID	Scenario	Activity	NCA01A	NCA01B	NCA02	NCA03	NCA04A	NCA04B	NCA05A	NCA05B	NCA06	NCA07	NCA08	NCA09	NCA10	NCA11	NCA12	NCA13	NCA14A	NCA14B	NCA14C
11	Asphalt pavement (including pavement drainage)	Peak impact	41	-	44	-	66	49	-	45	33	-	-	-	-	78	-	-	43	34	30
		Typical impact	39	-	42	-	64	47	-	44	31	-	-	-	-	76	-	-	41	32	28
12	Bridge and viaduct superstructure	Peak impact	40	-	48	-	57	45	-	42	33	-	-	-	-	65	-	-	50	35	34
		Typical impact	37	-	45	-	55	43	-	39	31	-	-	-	-	62	-	-	47	32	32
13	Piling for bridges and bridge approaches	Peak impact	45	-	52	-	62	50	-	47	38	-	-	-	-	70	-	-	55	40	39
		Typical impact	38	-	46	-	56	44	-	40	32	-	-	-	-	64	-	-	48	33	33
14	Roadside furniture and finishing work	Peak impact	41	-	47	-	64	47	-	44	33	-	-	-	-	69	-	-	60	34	35
		Typical impact	35	-	41	-	59	42	-	39	27	-	-	-	-	63	-	-	55	29	29
15	Traffic management and control	Peak impact	29	-	35	-	53	36	-	33	21	-	-	-	-	57	-	-	49	22	23
		Typical impact	29	-	35	-	53	36	-	33	21	-	-	-	-	57	-	-	49	22	23
16	Landscaping	Peak impact	40	-	46	-	64	47	-	44	32	-	-	-	-	68	-	-	60	34	34
		Typical impact	35	-	41	-	59	41	-	38	27	-	-	-	-	63	-	-	54	28	29
17	Cross drainage	Peak impact	40	-	46	-	63	46	-	43	32	-	-	-	-	67	-	-	59	33	34
		Typical impact	38	-	44	-	62	45	-	42	30	-	-	-	-	66	-	-	58	32	32

Note: No other sensitive receivers are located within NCA01B, NCA03, NCA05A, NCA07, NCA08, NCA09, NCA10, NCA11, NCA12 and NCA13

C.3 Predicted construction noise impacts – worst case

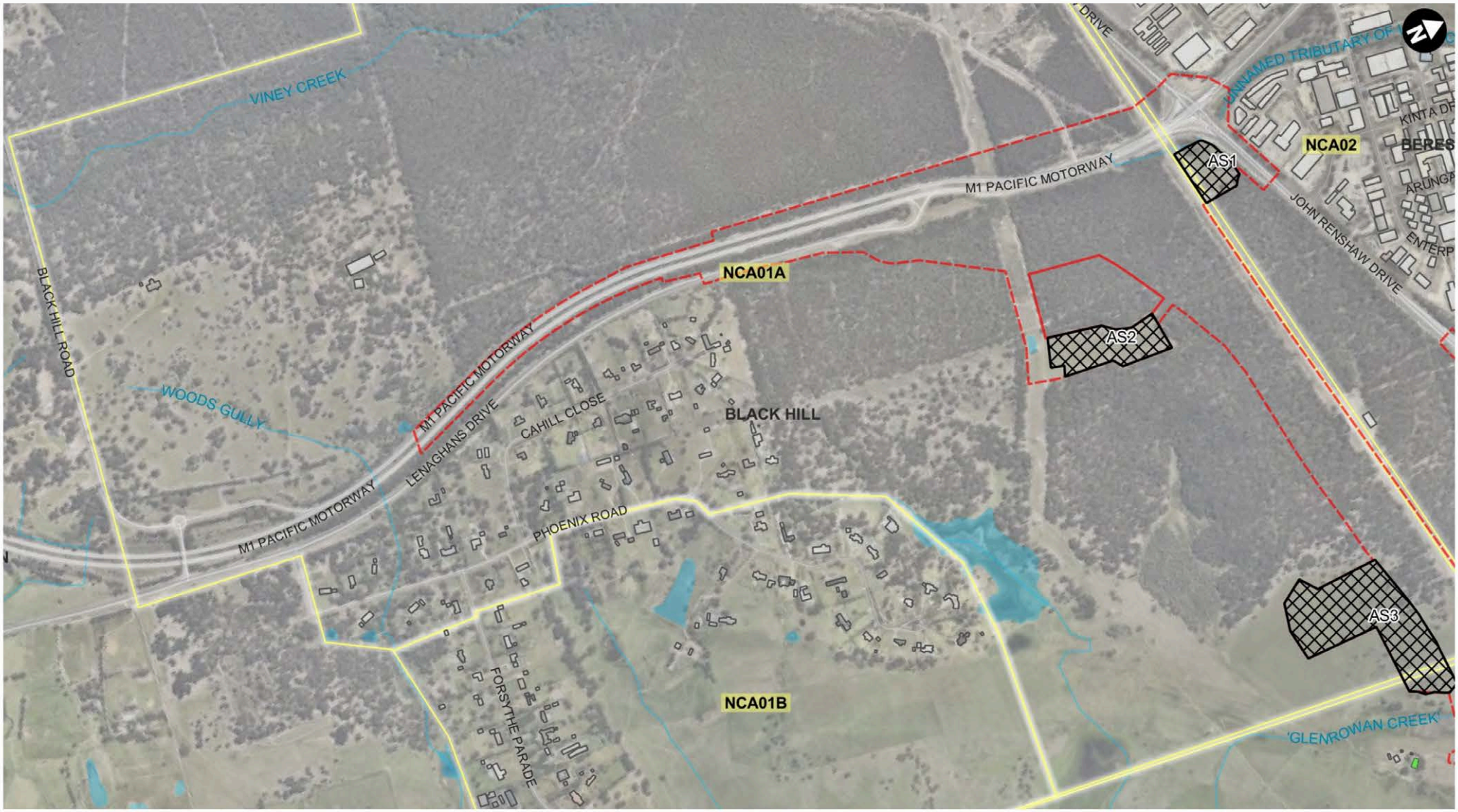


Figure TL081-01.6.2.1.1 Q08 (r5) Predicted construction noise impacts: worst case - standard period

Date: 26/02/2021 Project path: R:\AssocSydProjects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\1 GIS\TL081-01.6.1 M12RT Q08 (r0).qgz



Exceedance of NML

- Clearly audible (1 to 10 dB)
- Moderately intrusive (11 to 20 dB)
- Highly intrusive (>20 dB)

- NCA
- Waterways
- Main North Rail Line
- Building
- Construction footprint
- Ancillary site

250 0 250 500 m

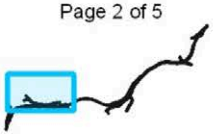




Figure TL081-01.6.2.1.1 Q08 (r5) Predicted construction noise impacts: worst case - standard period

Date: 26/02/2021 Project path: R:\Acoat\Syd\Projects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\1 GIS\TL081-01.6.1 M1RT GIS (r0).qgz

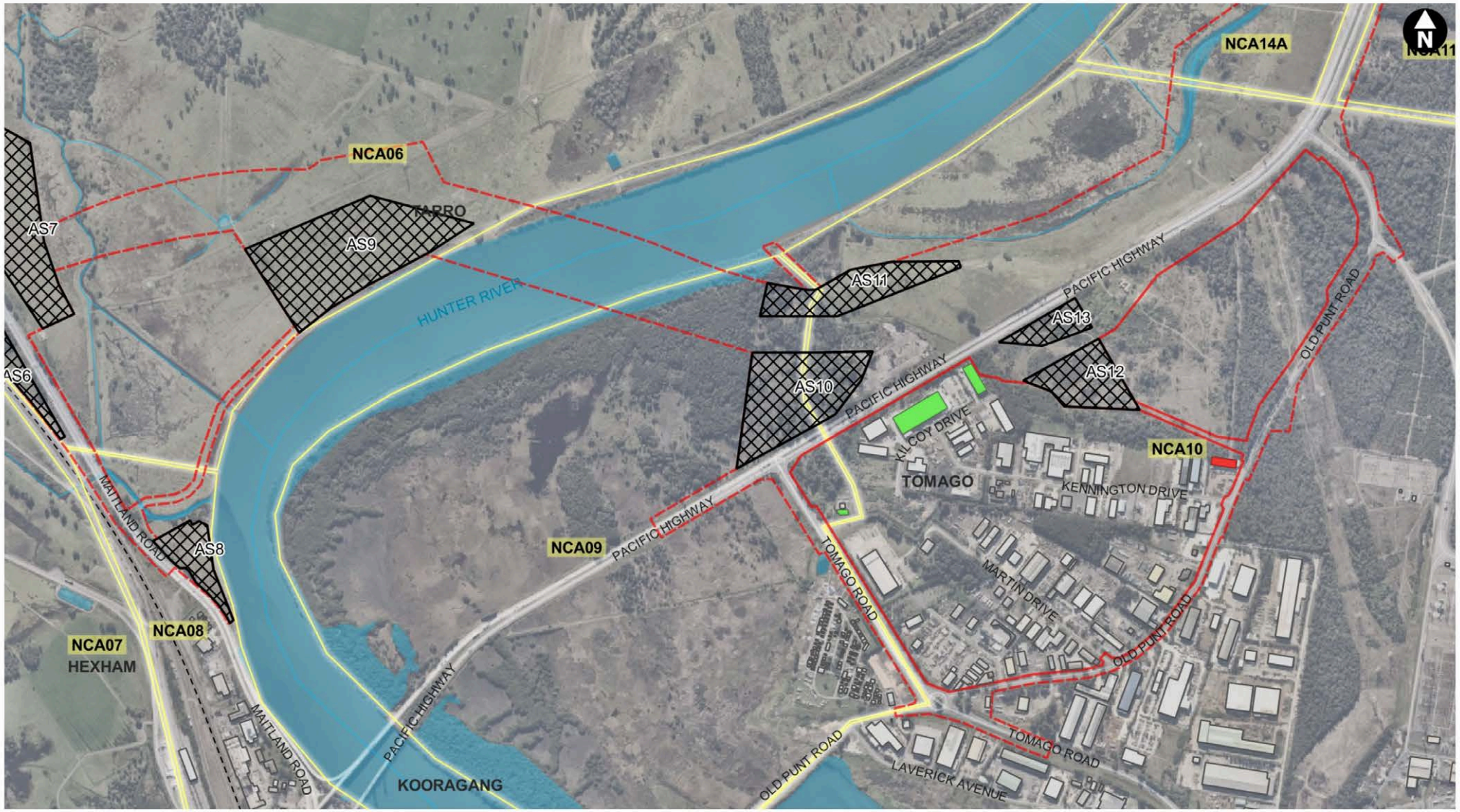


Figure TL081-01.6.2.1.1 Q08 (r5) Predicted construction noise impacts: worst case - standard period

Date: 26/02/2021 Project path: R:\Acoat\Syd\Projects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\ GGIS\TL081-01.6.1 M1RT GGIS (r0).qgz

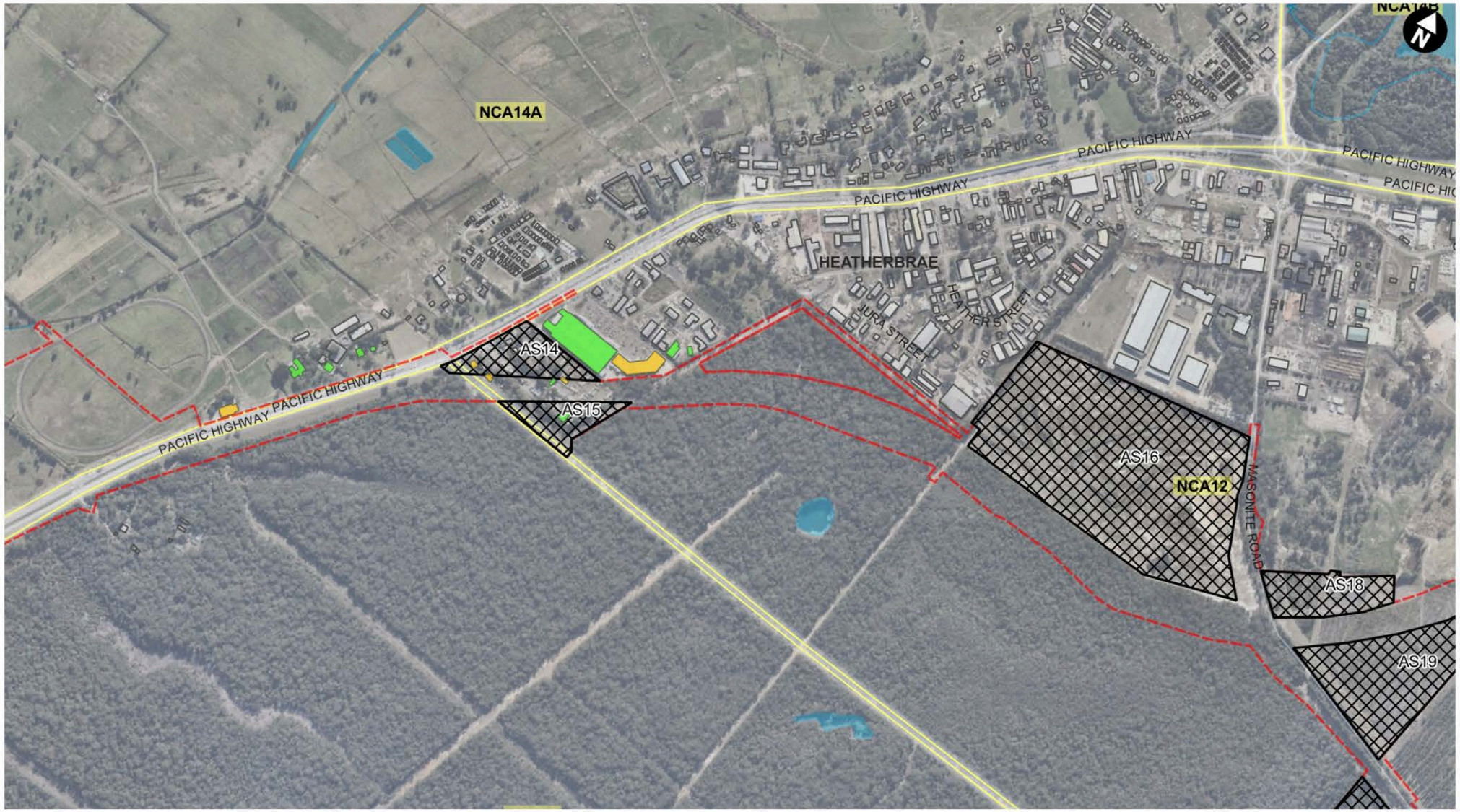


Figure TL081-01.6.2.1.1 Q08 (r5) Predicted construction noise impacts: worst case - standard period



Figure TL081-01.6.2.1.1 Q08 (r5) Predicted construction noise impacts: worst case - standard period

Date: 26/02/2021 Project path: R:\Acciona\Projects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\M_GIS\TL081-01.6.1 M1RT GIS (r0).qgz

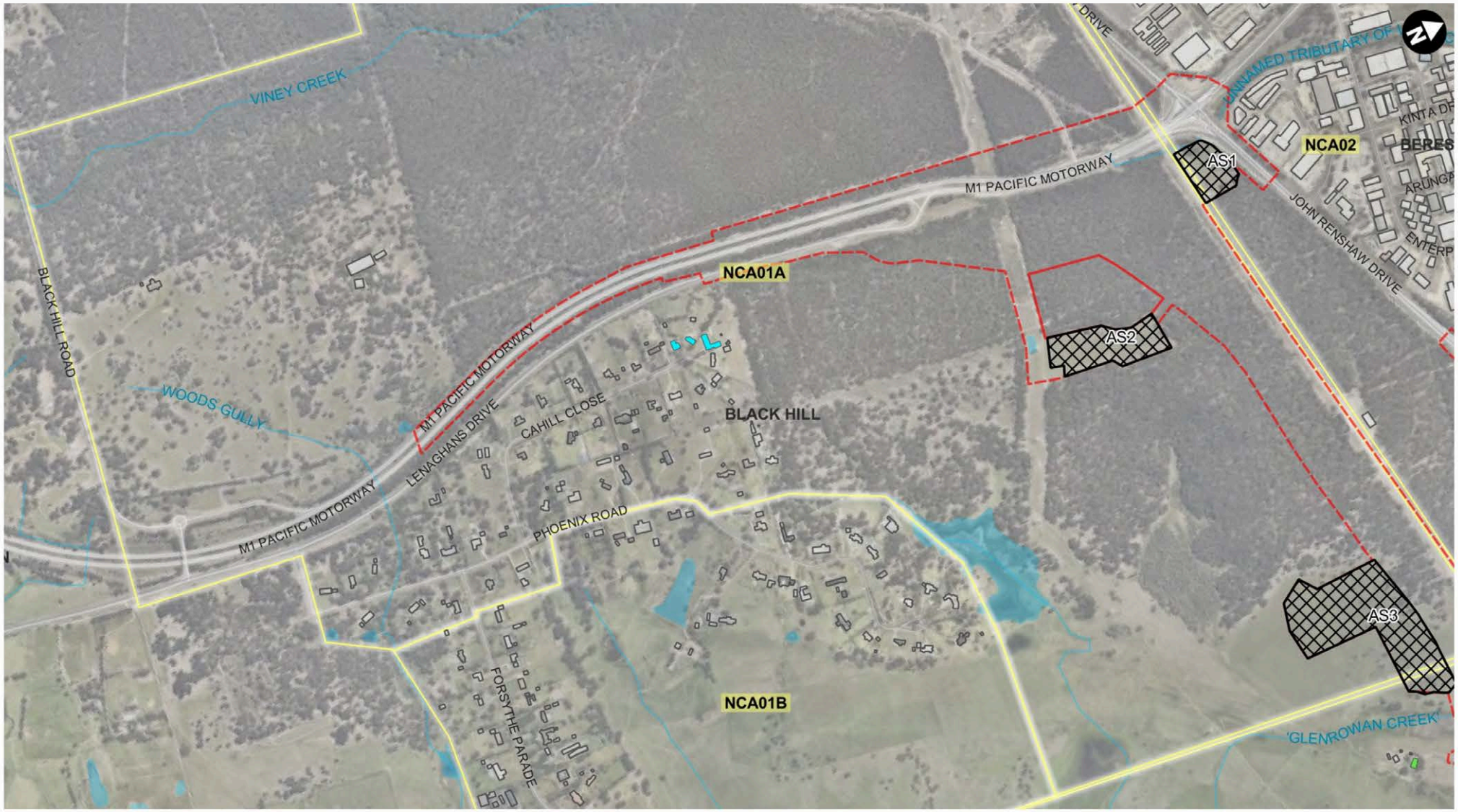


Figure TL081-01.6.2.1.1 Q09 (r5) Predicted construction noise impacts: worst case - morning shoulder period

Date: 26/02/2021 Project path: R:\AssocSydProjects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\1 GOIS\TL081-01.6.1 M1 2RT GOIS (r0).qgz

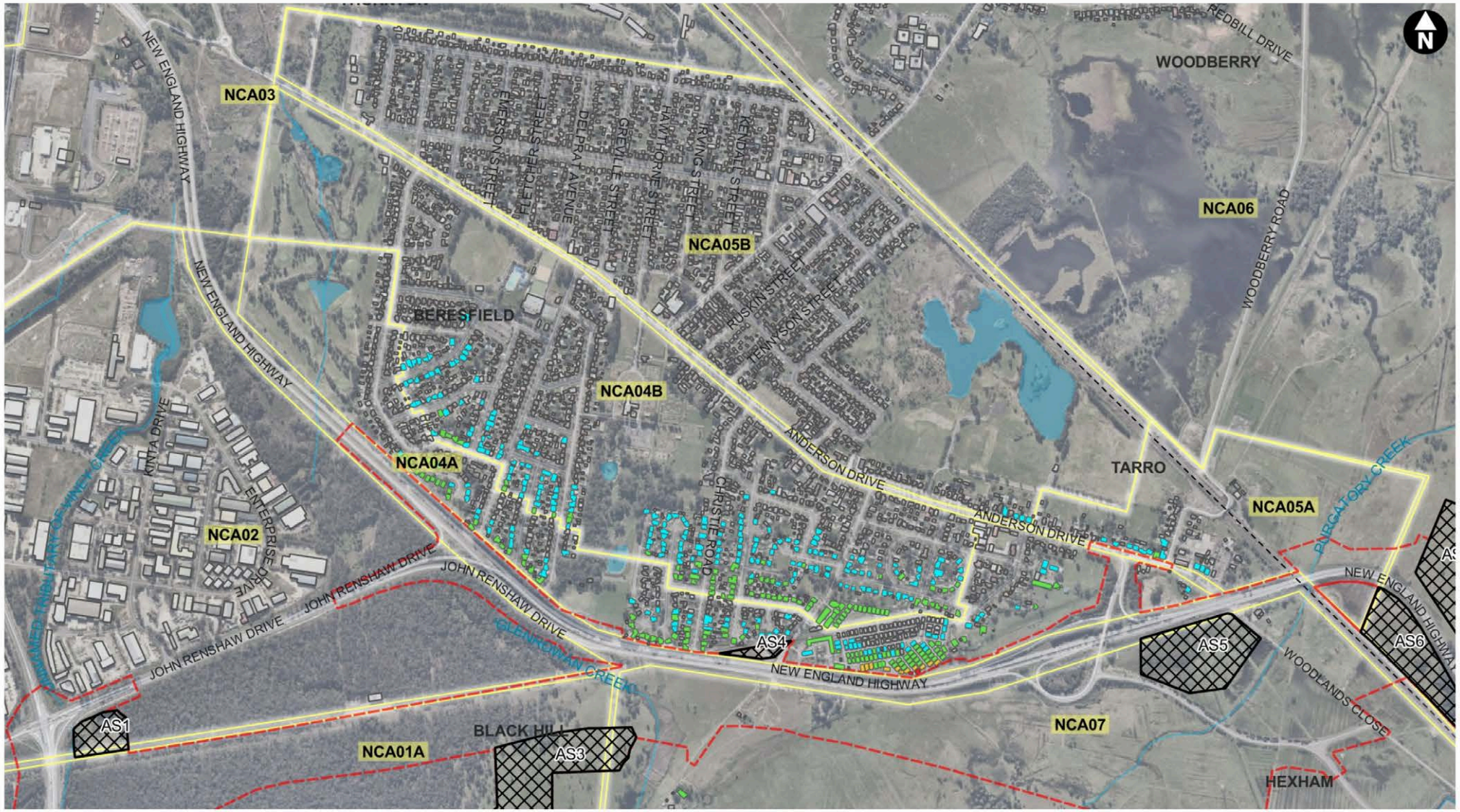


Figure TL081-01.6.2.1.1 Q09 (r5) Predicted construction noise impacts: worst case - morning shoulder period

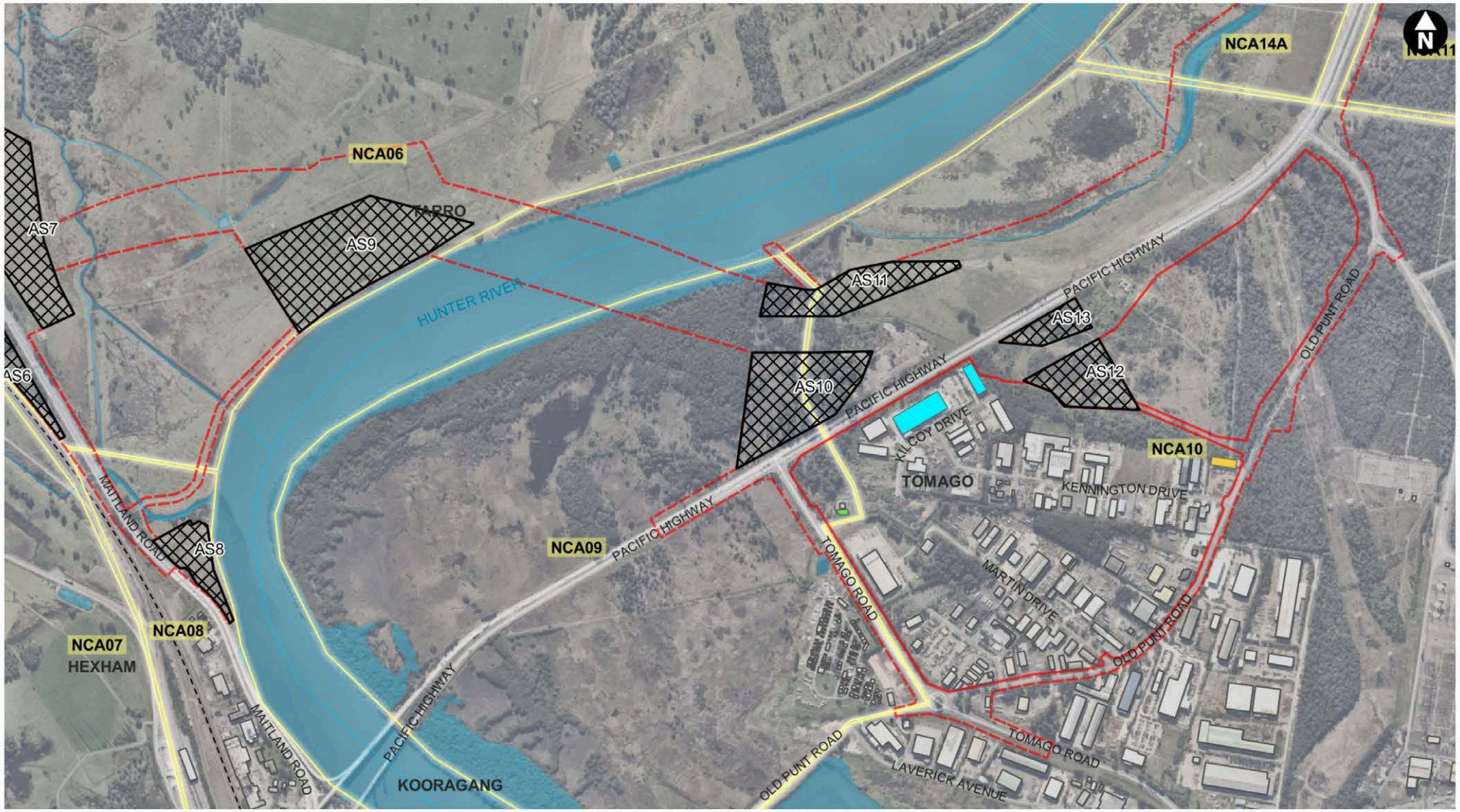


Figure TL081-01.6.2.1.1 Q09 (r5) Predicted construction noise impacts: worst case - morning shoulder period

Date: 26/02/2021 Project path: R:\Acciona\Syd\Projects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\6 GIS\TL081-01.6.1 M1RT GIS (r0).qgz

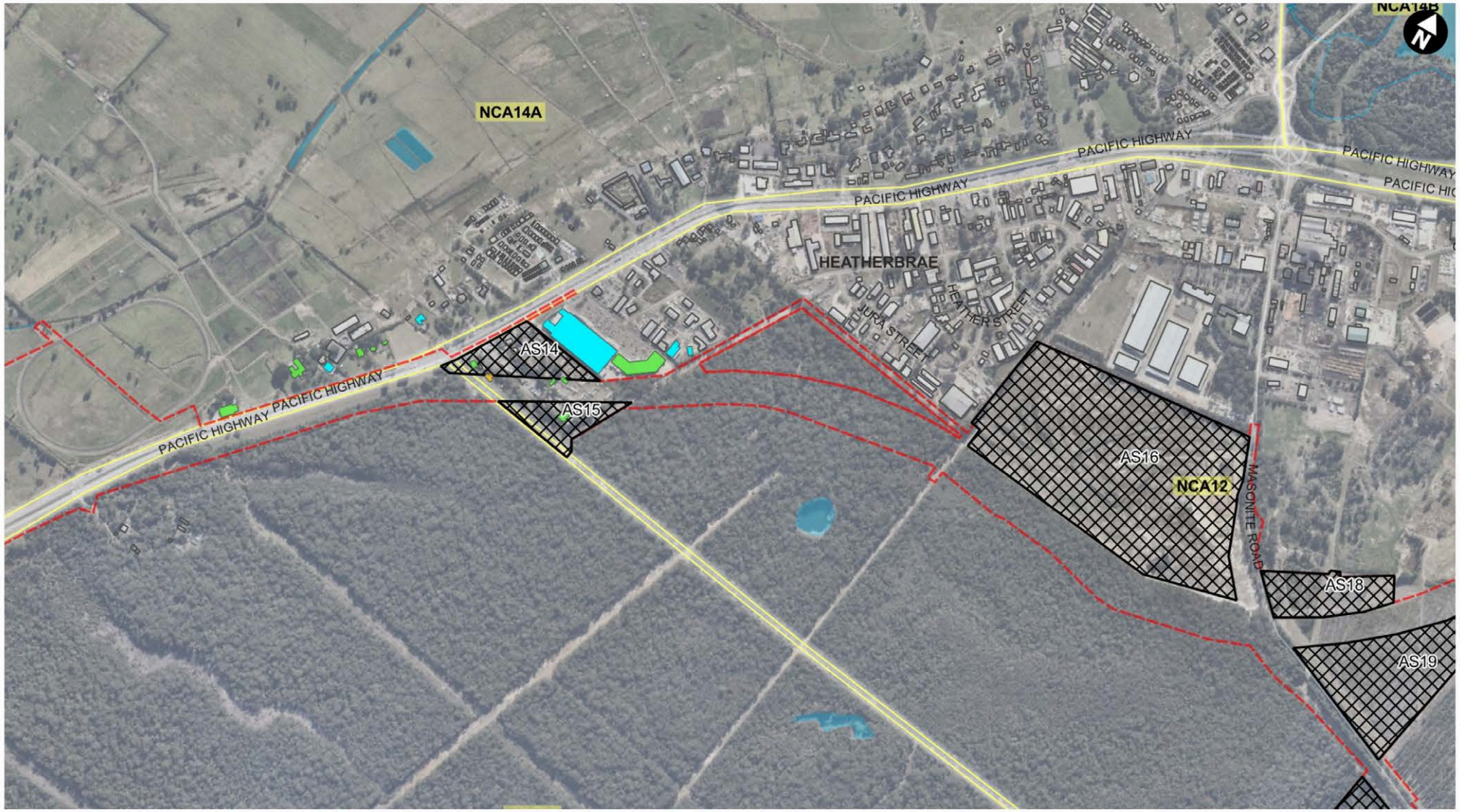


Figure TL081-01.6.2.1.1 Q09 (r5) Predicted construction noise impacts: worst case - morning shoulder period



Figure TL081-01.6.2.1.1 Q09 (r5) Predicted construction noise impacts: worst case - morning shoulder period

Date: 26/02/2021 Project path: R:\Aecom\Syd\Projects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\ GGIS\TL081-01.6.1 M1 2RT GGIS (r0).qgz

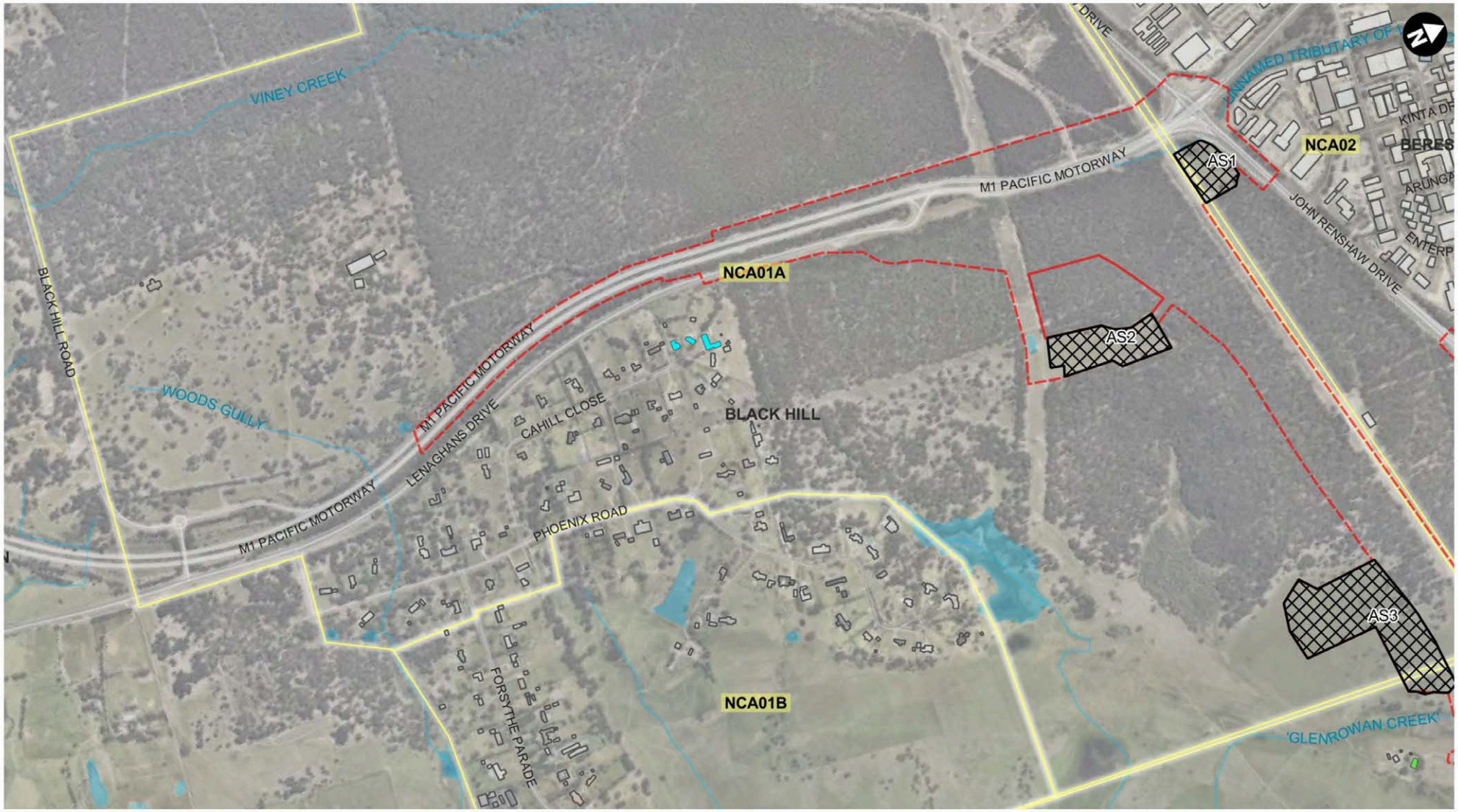


Figure TL081-01.6.2.1.1 Q10 (r5) Predicted construction noise impacts: worst case - day out-of-hours period

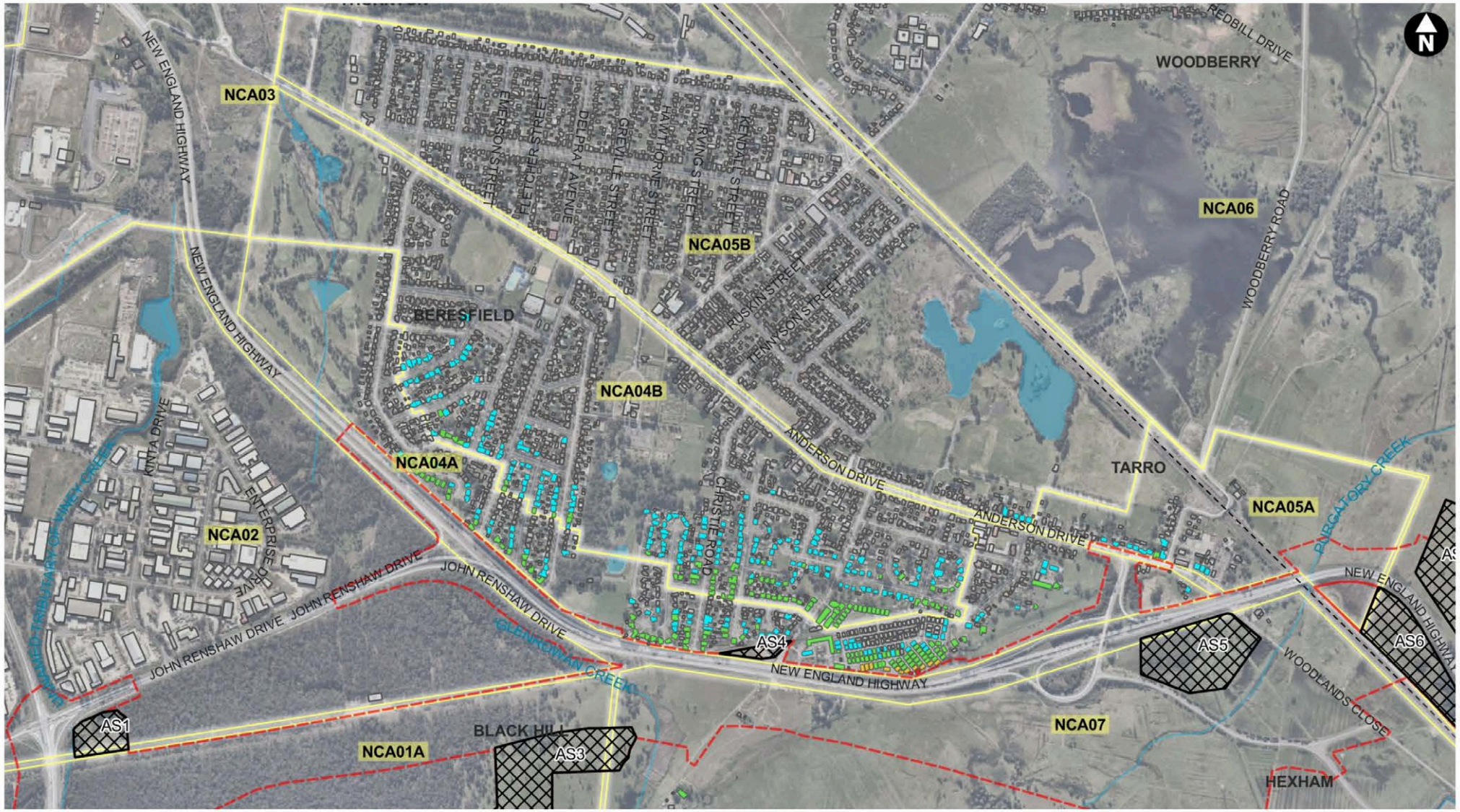


Figure TL081-01.6.2.1.1 Q10 (r5) Predicted construction noise impacts: worst case - day out-of-hours period

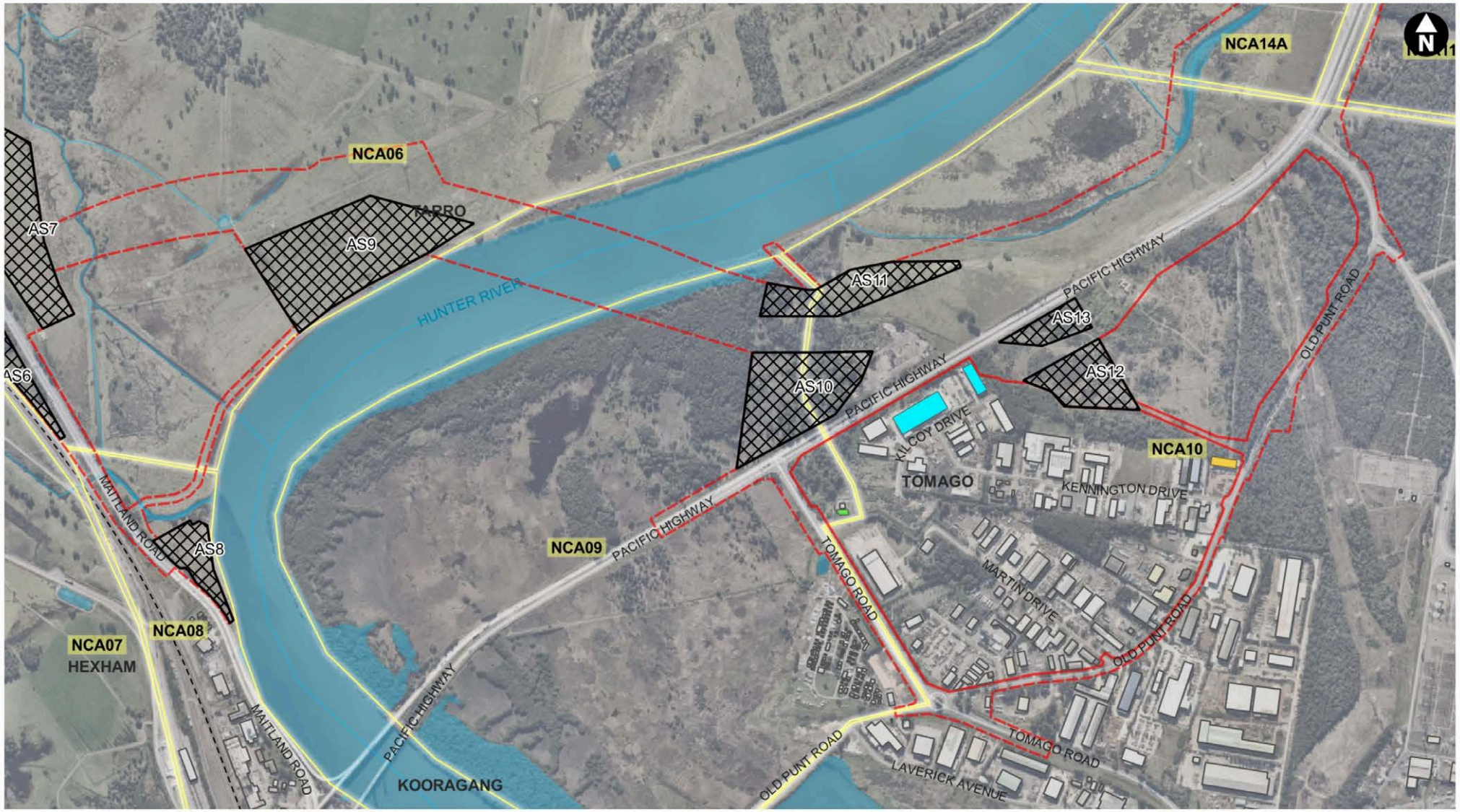


Figure TL081-01.6.2.1.1 Q10 (r5) Predicted construction noise impacts: worst case - day out-of-hours period

Date: 26/02/2021 Project path: R:\Aecom\Syd\Projects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\6 GIS\TL081-01.6.1 M1RT GIS (r0).qgz

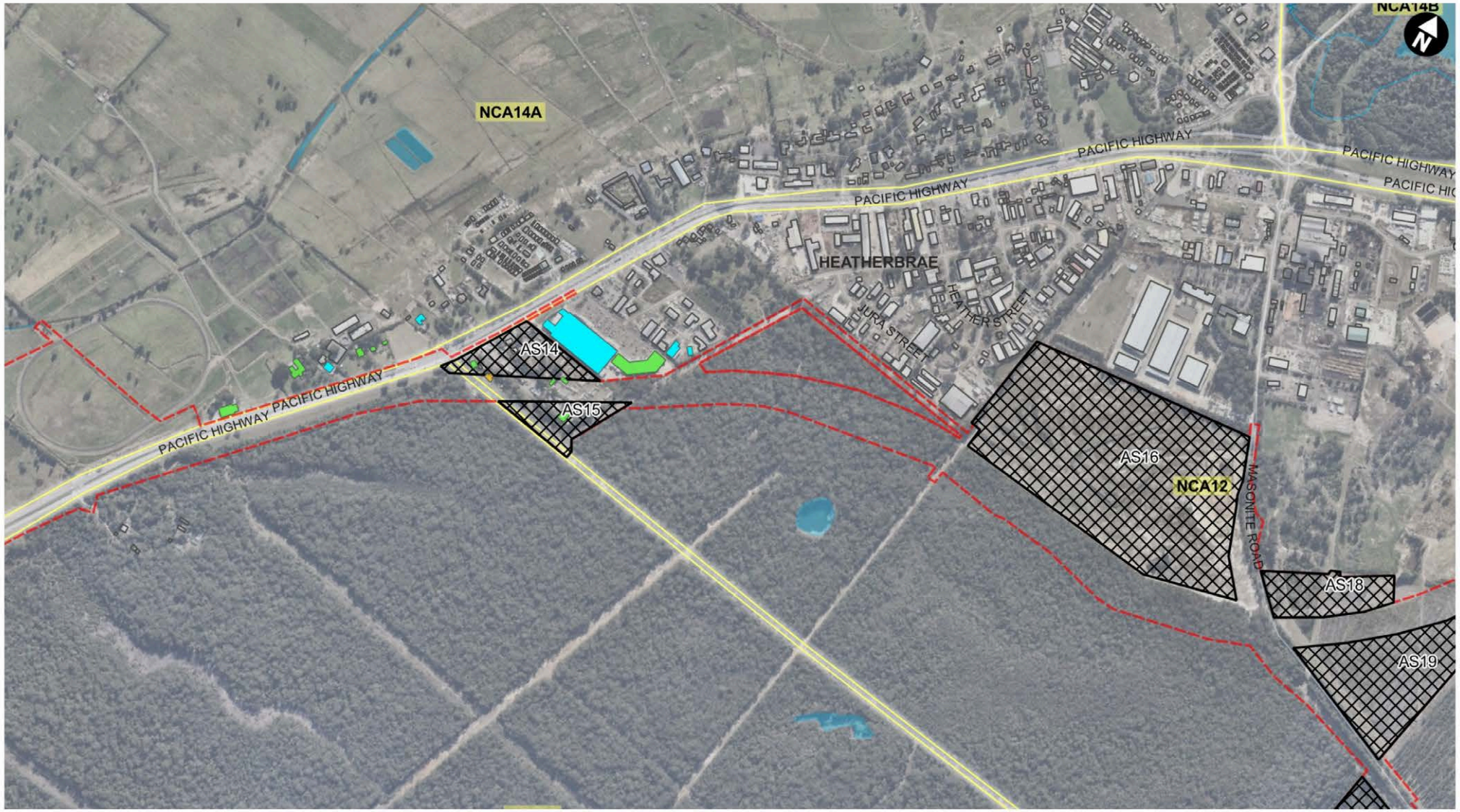


Figure TL081-01.6.2.1.1 Q10 (r5) Predicted construction noise impacts: worst case - day out-of-hours period

Date: 26/02/2021 Project path: R:\Acoust\Syd\Projects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\ GGIS\TL081-01.6.1 M1RT GGIS (r0).qgz



Figure TL081-01.6.2.1.1 Q10 (r5) Predicted construction noise impacts: worst case - day out-of-hours period

Date: 26/02/2021 Project path: R:\Acad\Syd\Projects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\ GGIS\TL081-01.6.1 M1 2RT GGIS (r0).qgz

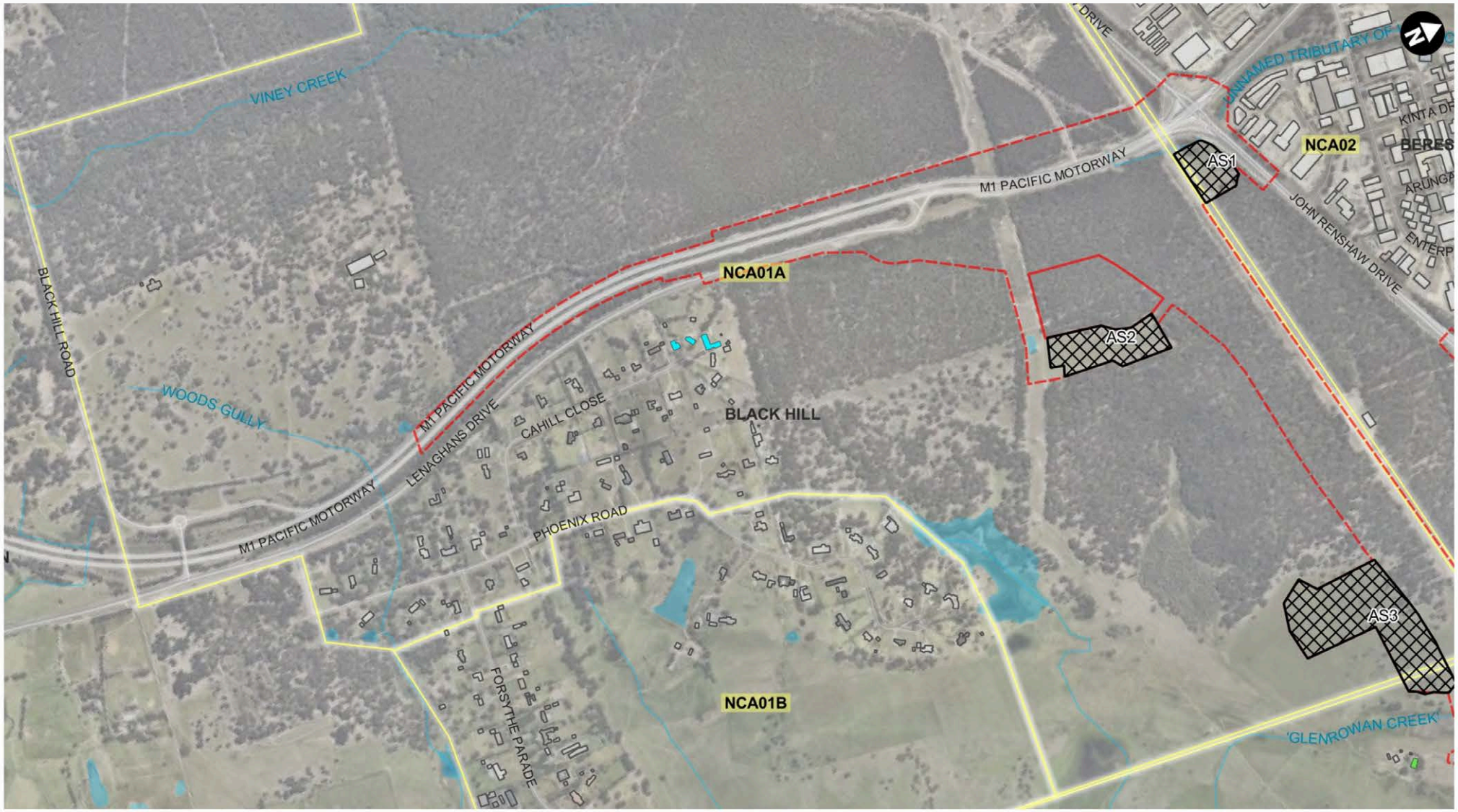


Figure TL081-01.6.2.1.1 Q11 (r5) Predicted construction noise impacts: worst case - evening shoulder period

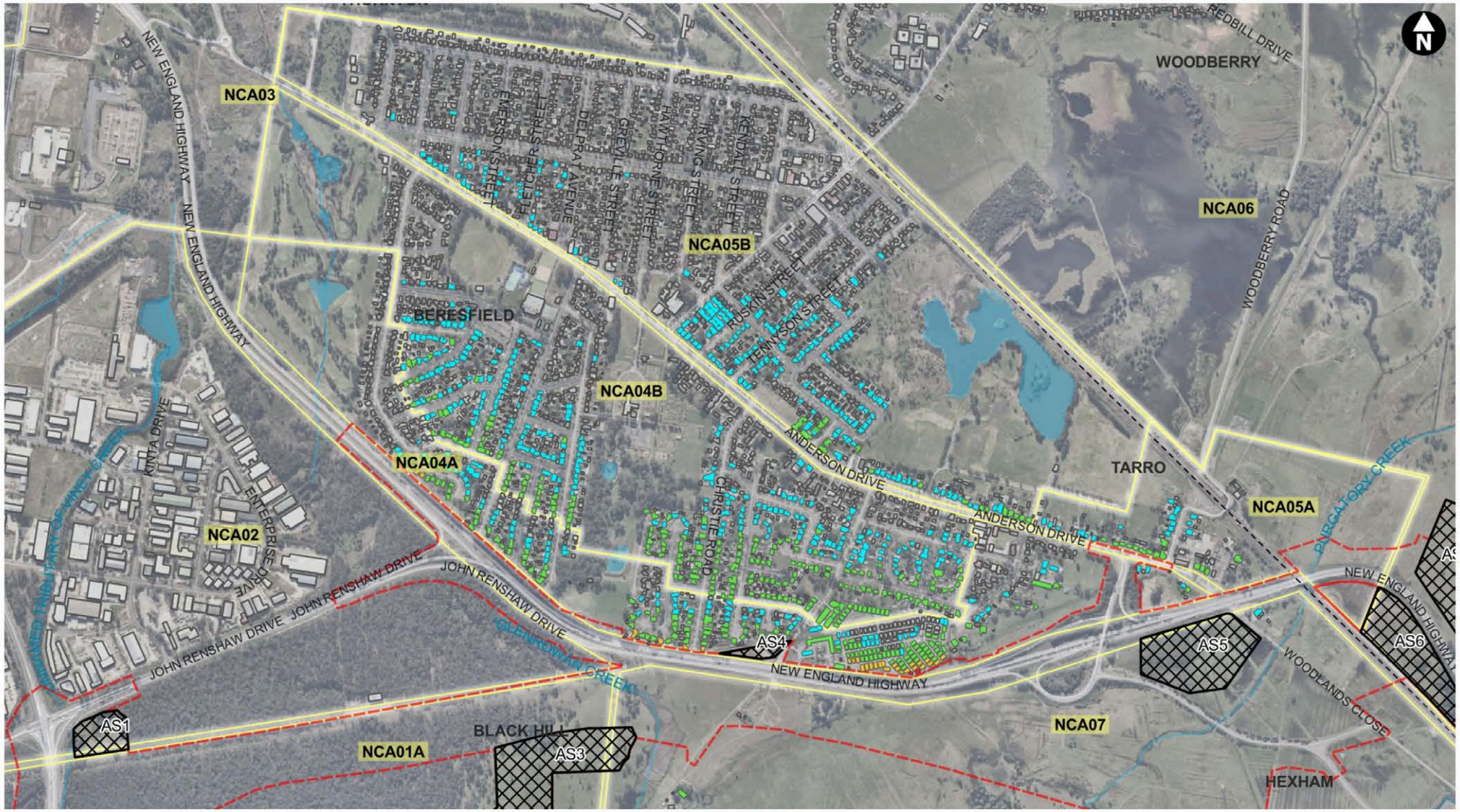
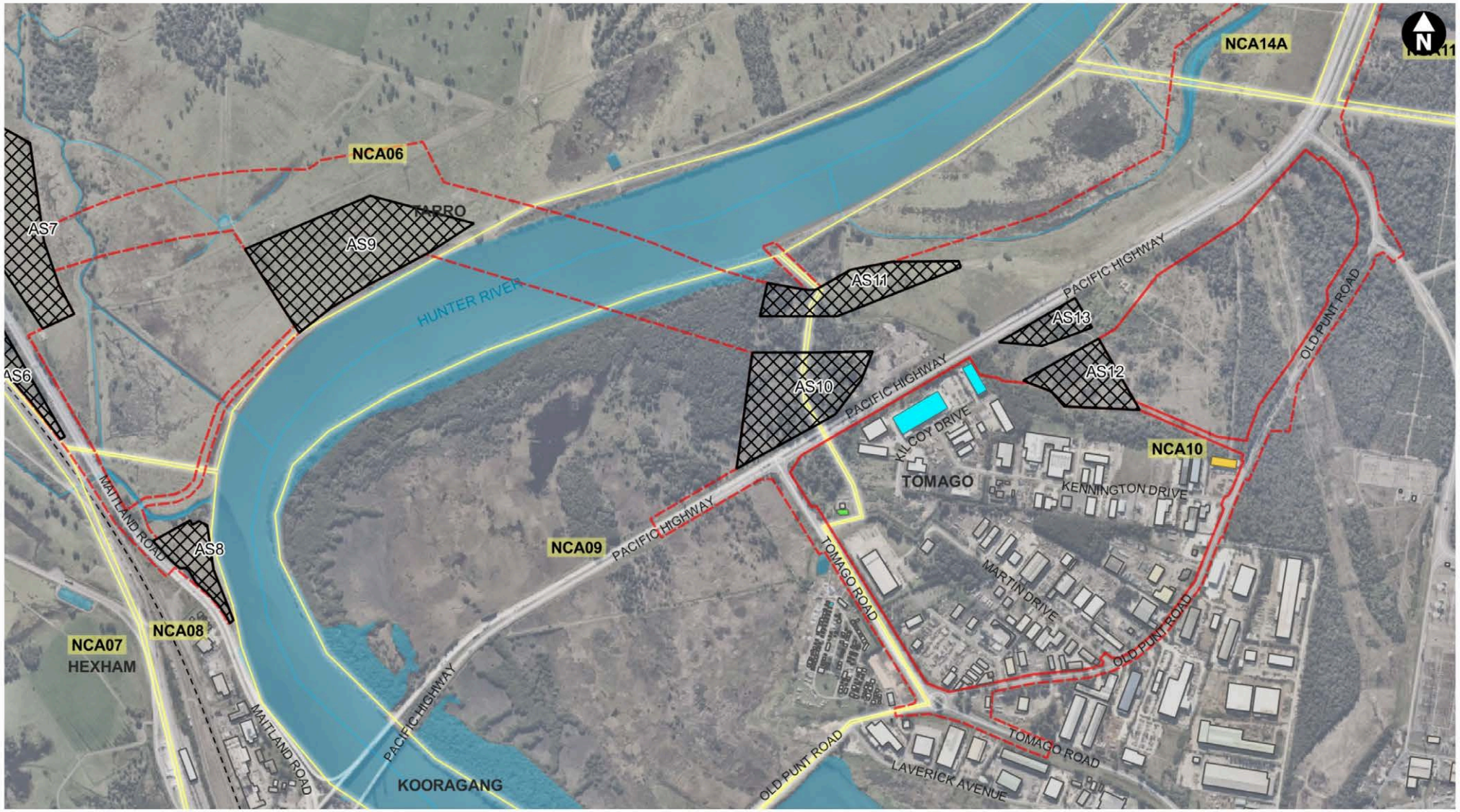


Figure TL081-01.6.2.1.1 Q11 (r5) Predicted construction noise impacts: worst case - evening shoulder period



Exceedance of NML

- Noticeable (<5dB)
- Clearly audible (5 to 15 dB)
- Moderately intrusive (15 to 25 dB)
- Highly intrusive (>25 dB)

- NCA
- Waterways
- Main North Rail Line
- Building
- Construction footprint
- Ancillary site

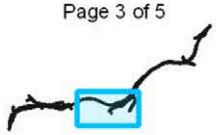
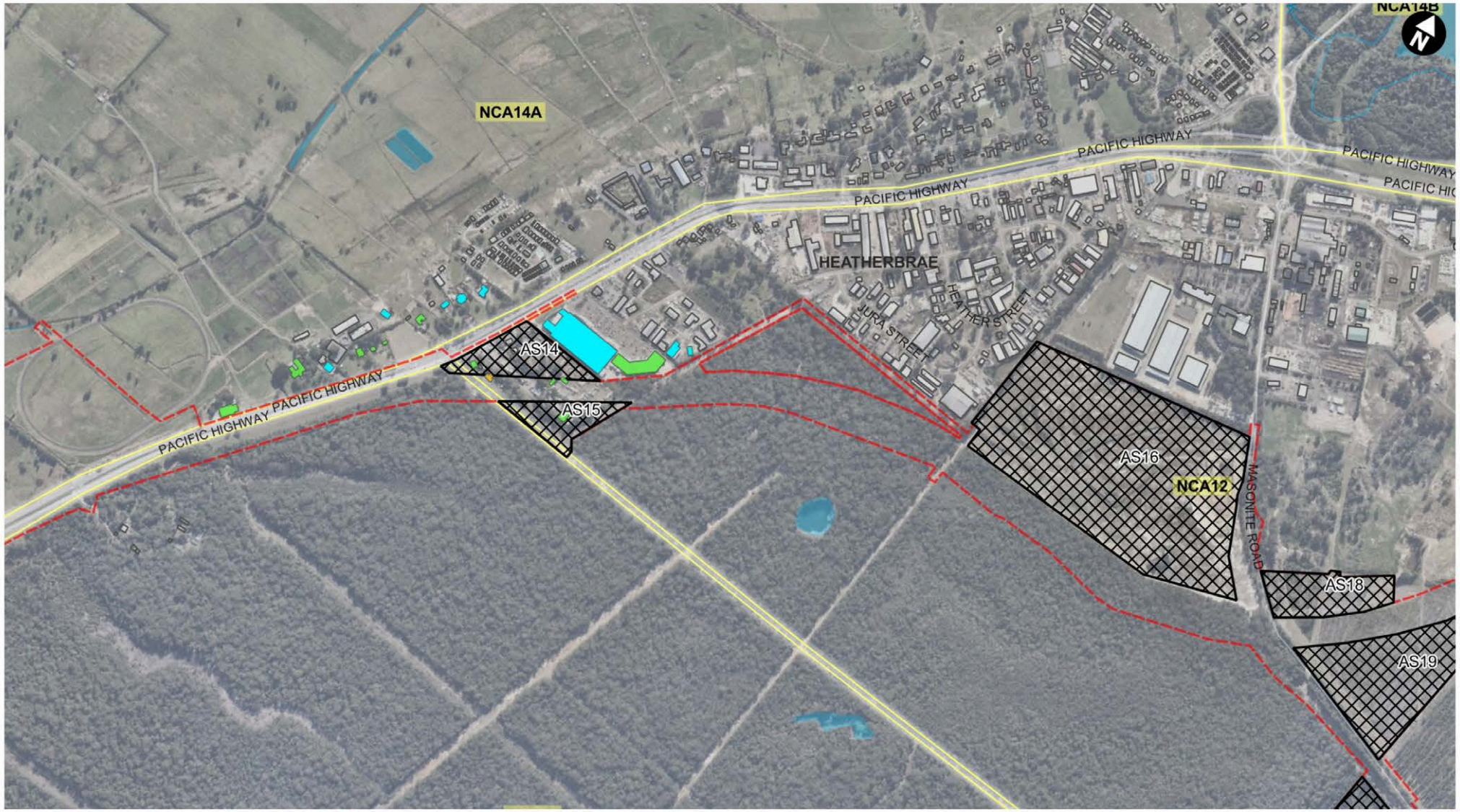




Figure TL081-01.6.2.1.1 Q11 (r5) Predicted construction noise impacts: worst case - evening shoulder period

Date: 26/02/2021 Project path: R:\Acoust\Syd\Projects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\ GGIS\TL081-01.6.1 M1RT GGIS (r0).qgz



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Figure TL081-01.6.2.1.1 Q11 (r5) Predicted construction noise impacts: worst case - evening shoulder period

Date: 26/02/2021 Project path: R:\Acoust\Syd\Projects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\ GGIS\TL081-01.6.1 M1RT GGIS (r0).qgz



Figure TL081-01.6.2.1.1 Q11 (r5) Predicted construction noise impacts: worst case - evening shoulder period

Date: 26/02/2021 Project path: R:\Acad\Syd\Projects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\ GGIS\TL081-01.6.1 M1RT GGIS (r0).qgz

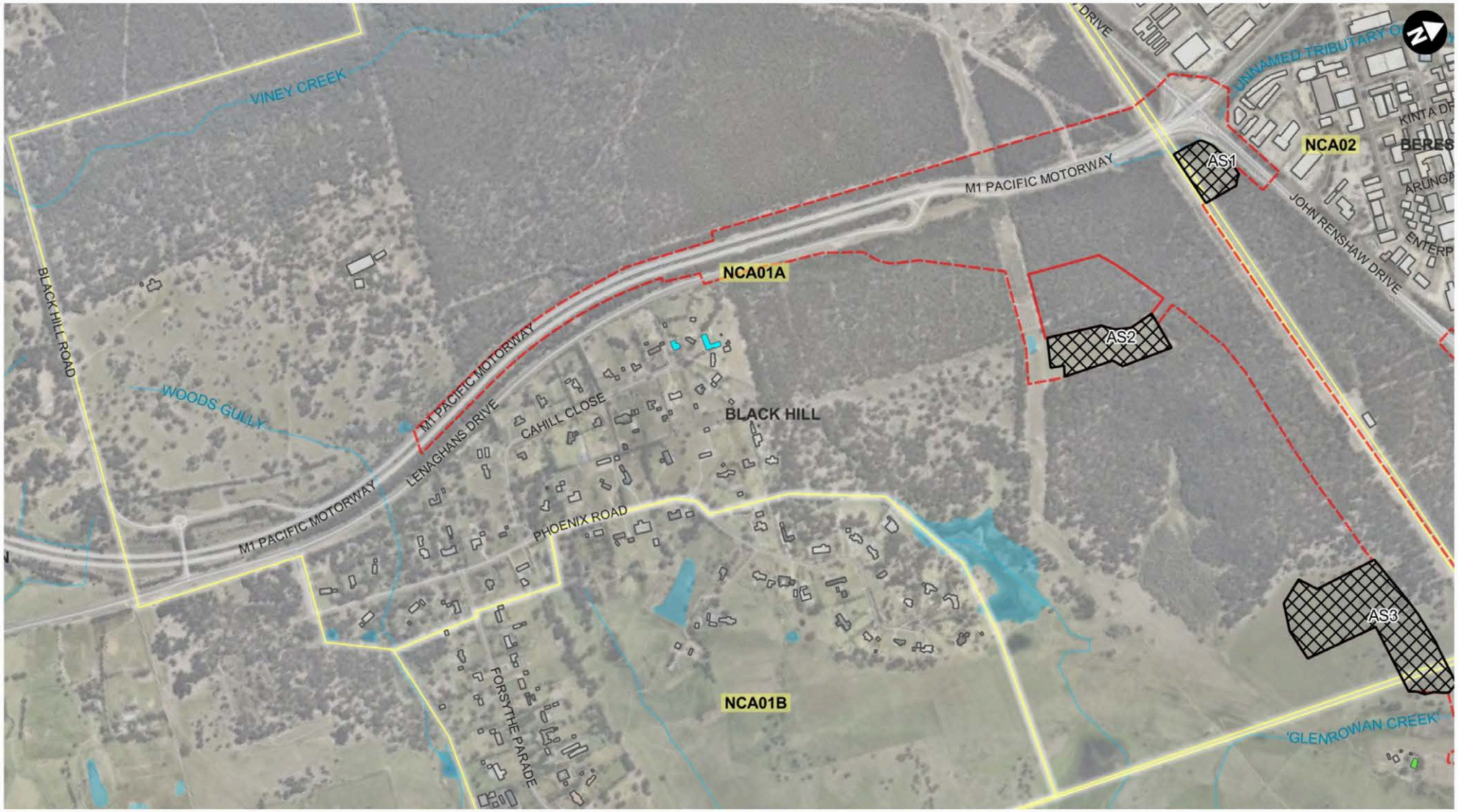


Figure TL081-01.6.2.1.1 Q12 (r5) Predicted construction noise impacts: worst case - evening period

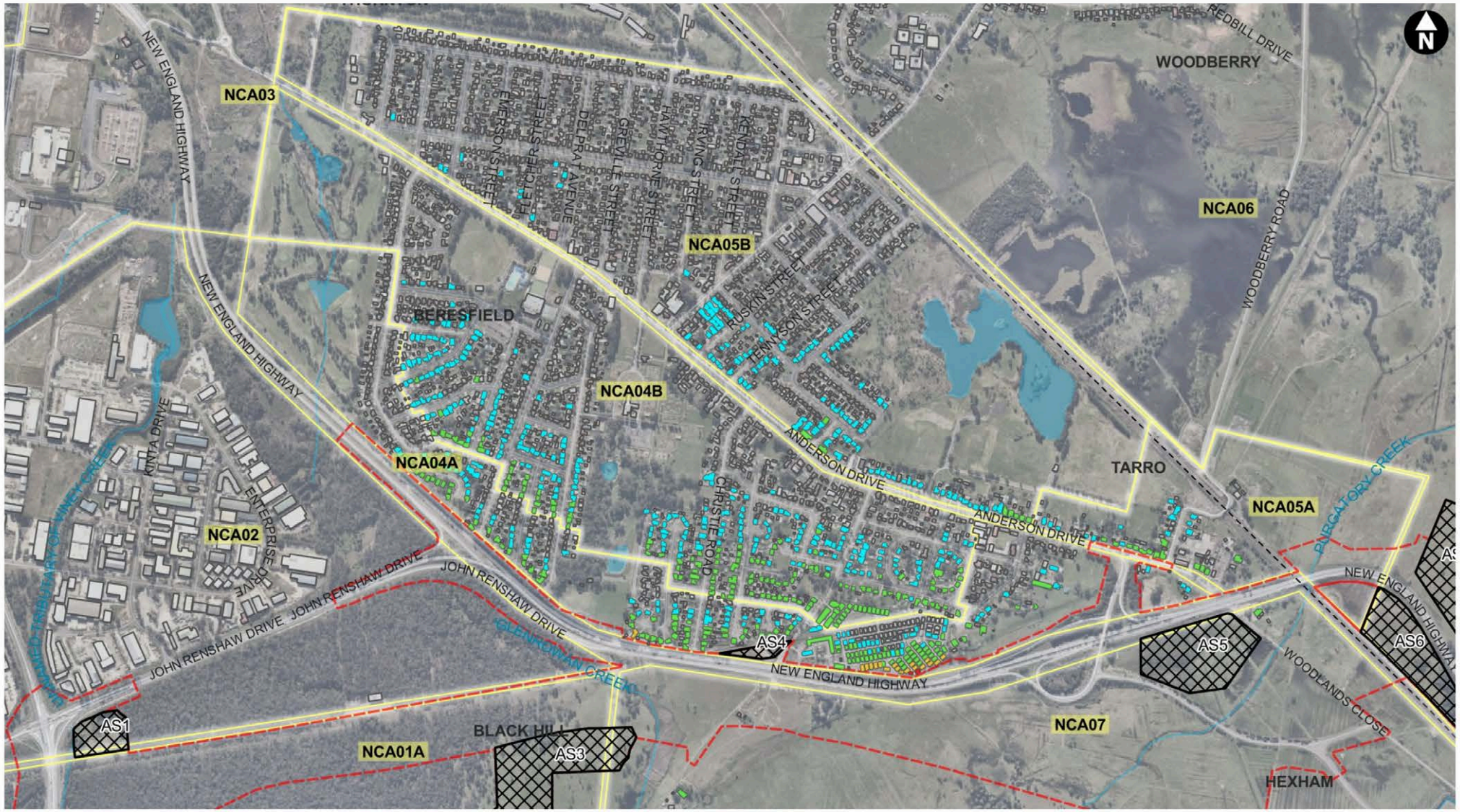
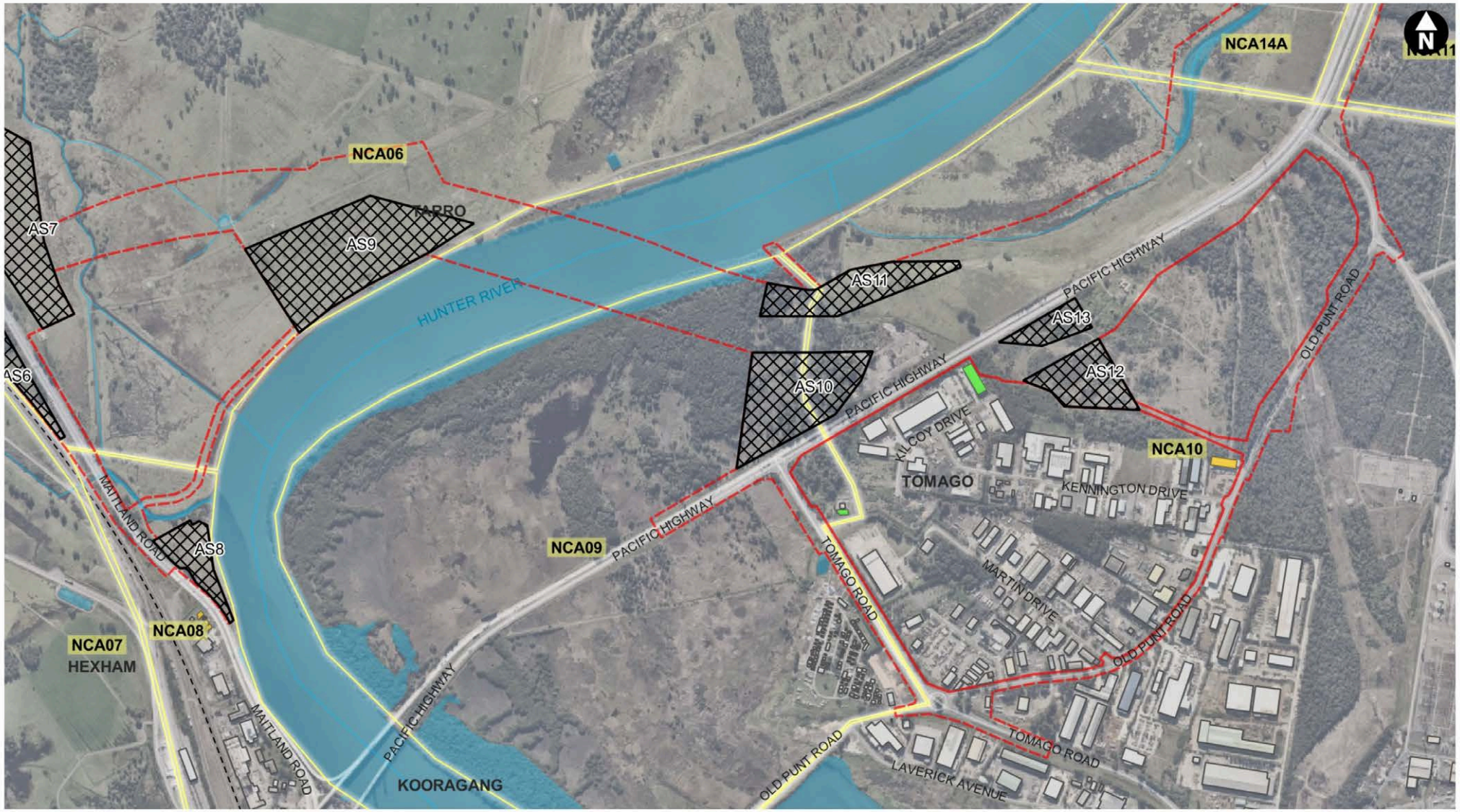


Figure TL081-01.6.2.1.1 Q12 (r5) Predicted construction noise impacts: worst case - evening period



Exceedance of NML

- Noticeable (<5dB)
- Clearly audible (5 to 15 dB)
- Moderately intrusive (15 to 25 dB)
- Highly intrusive (>25 dB)

- NCA
- Waterways
- Main North Rail Line
- Building
- Construction footprint
- Ancillary site

250 0 250 500 m

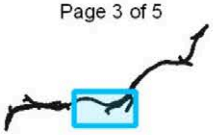




Figure TL081-01.6.2.1.1 Q12 (r5) Predicted construction noise impacts: worst case - evening period

Date: 26/02/2021 Project path: R:\Acoat\Syd\Projects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\1 GIS\TL081-01.6.1 M1RT GIS (r0).qgz

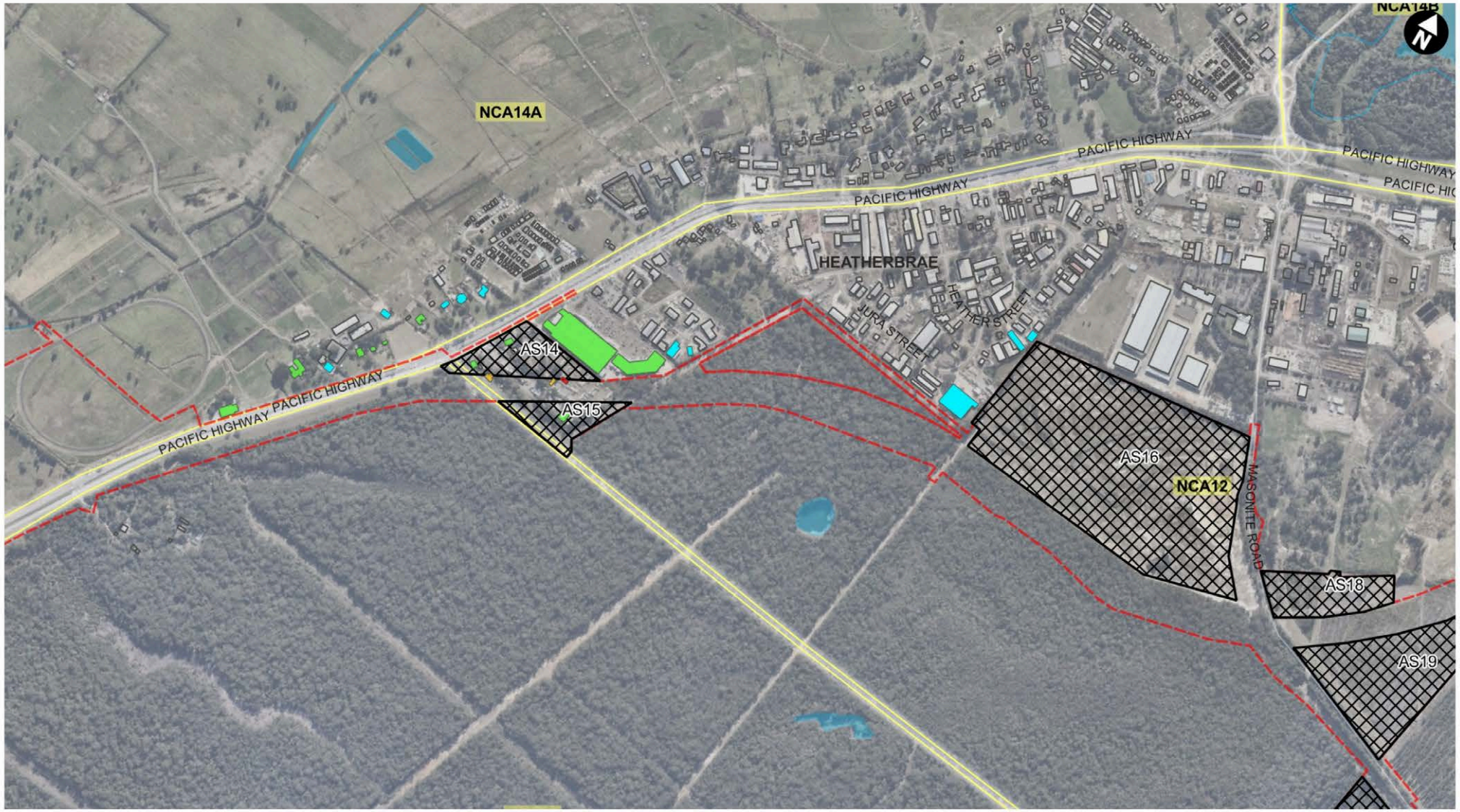


Figure TL081-01.6.2.1.1 Q12 (r5) Predicted construction noise impacts: worst case - evening period



Figure TL081-01.6.2.1.1 Q12 (r5) Predicted construction noise impacts: worst case - evening period

Date: 26/02/2021 Project path: R:\Acciona\Projects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\ GIS\TL081-01.6.1 M1RT GIS (r0).qgz

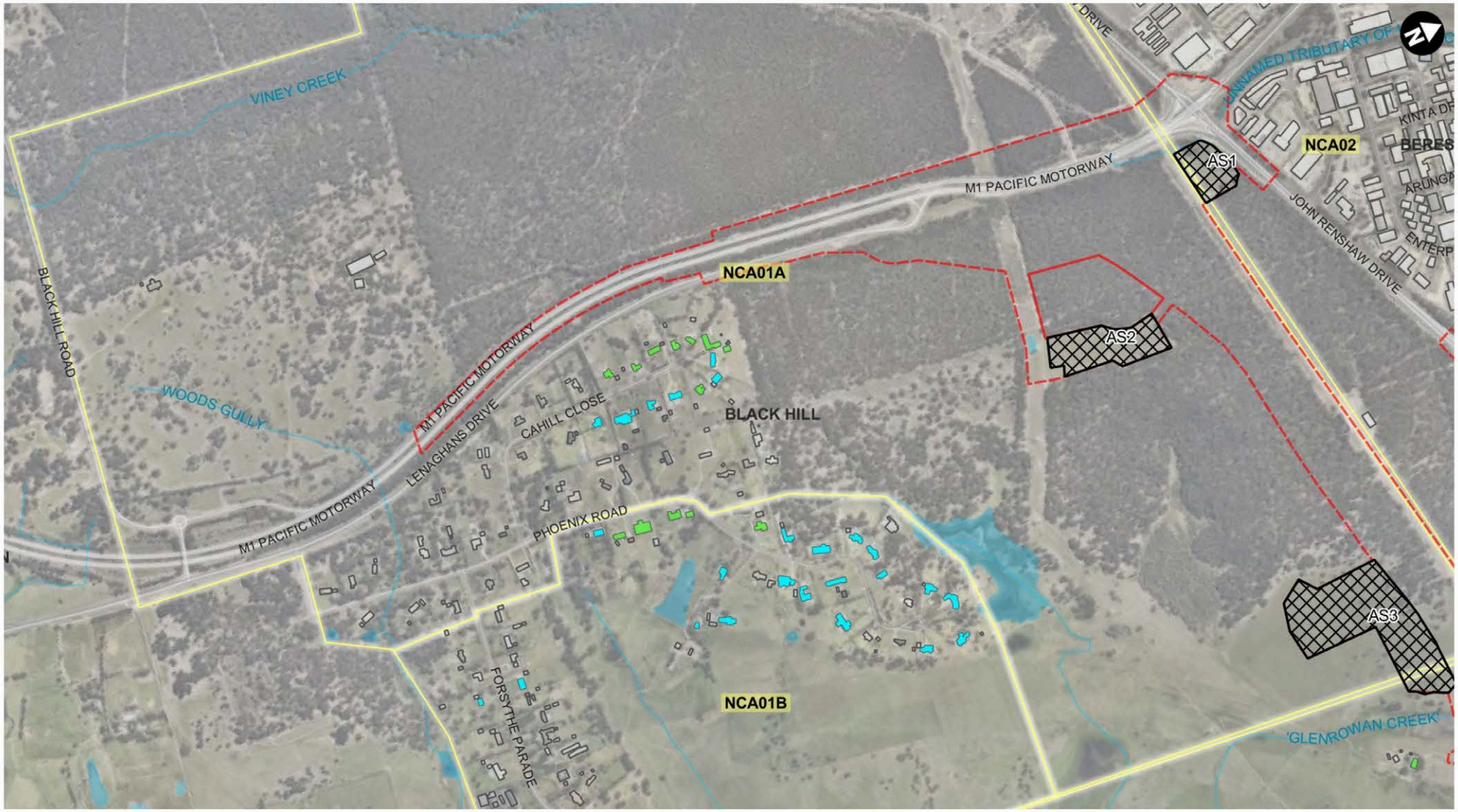
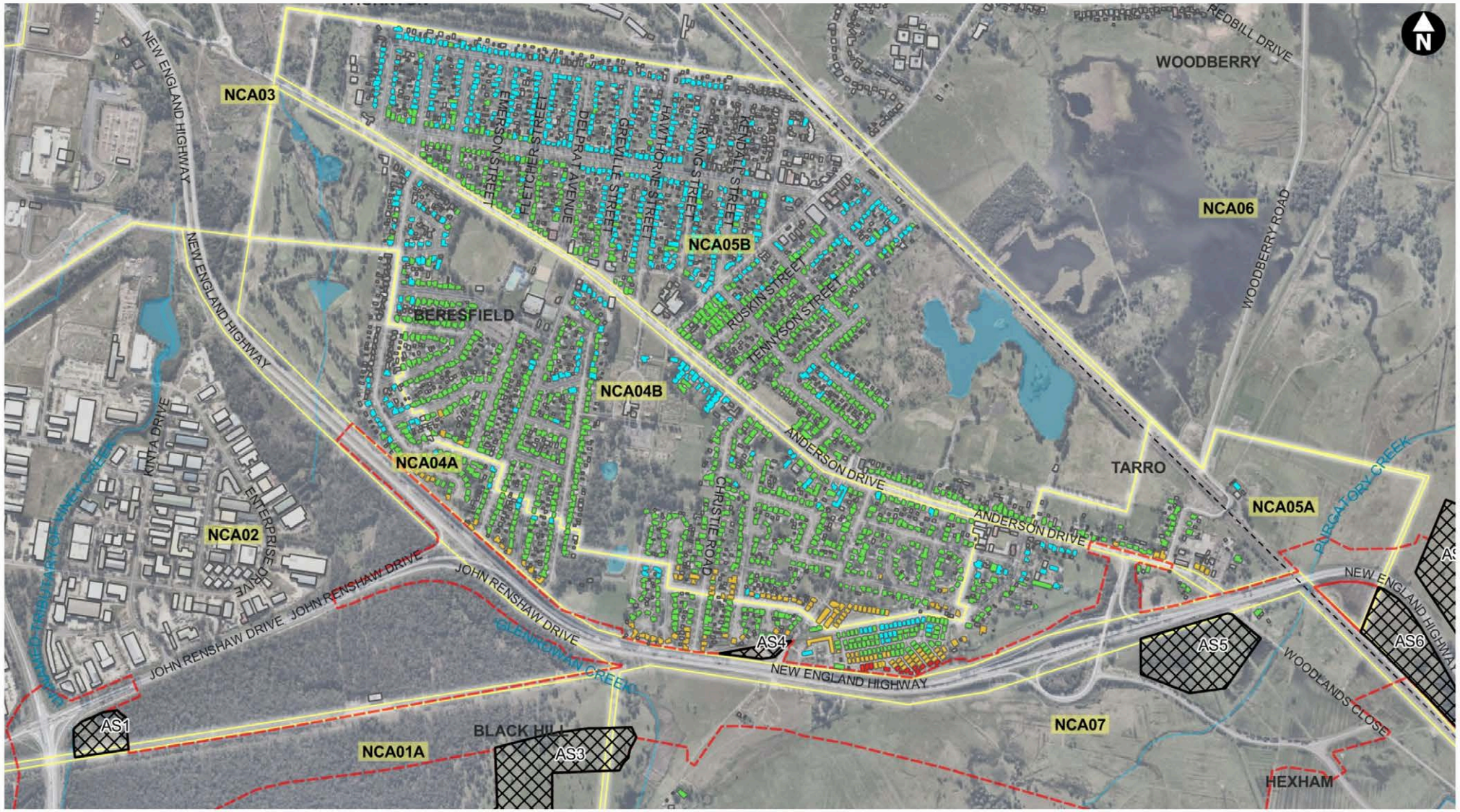


Figure TL081-01.6.2.1.1 Q13 (r5) Predicted construction noise impacts: worst case - night period



Exceedance of NML

- Noticeable (<5dB)
- Clearly audible (5 to 15 dB)
- Moderately intrusive (15 to 25 dB)
- Highly intrusive (>25 dB)

- NCA
- Waterways
- Main North Rail Line
- Building
- Construction footprint
- Ancillary site

250 0 250 500 m

Page 2 of 5

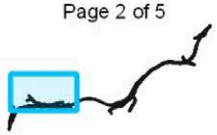
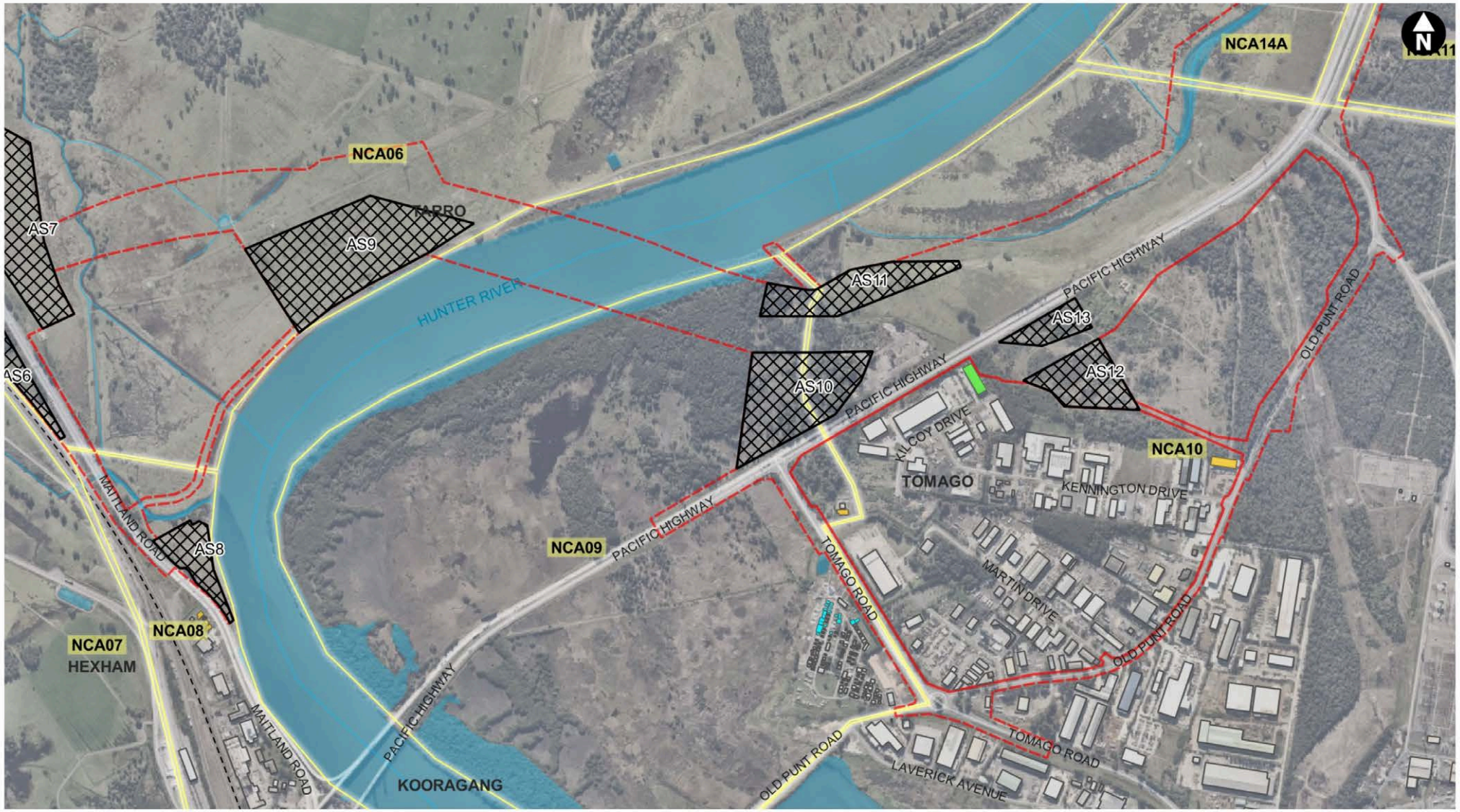




Figure TL081-01.6.2.1.1 Q13 (r5) Predicted construction noise impacts: worst case - night period



Exceedance of NML

- Noticeable (<5dB)
- Clearly audible (5 to 15 dB)
- Moderately intrusive (15 to 25 dB)
- Highly intrusive (>25 dB)

- NCA
- Waterways
- Main North Rail Line
- Building
- Construction footprint
- Ancillary site

250 0 250 500 m





Figure TL081-01.6.2.1.1 Q13 (r5) Predicted construction noise impacts: worst case - night period

Date: 26/02/2021 Project path: R:\Aecom\Syd\Projects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\ GGIS\TL081-01.6.1 M1 2RT GGIS (r0).qgz

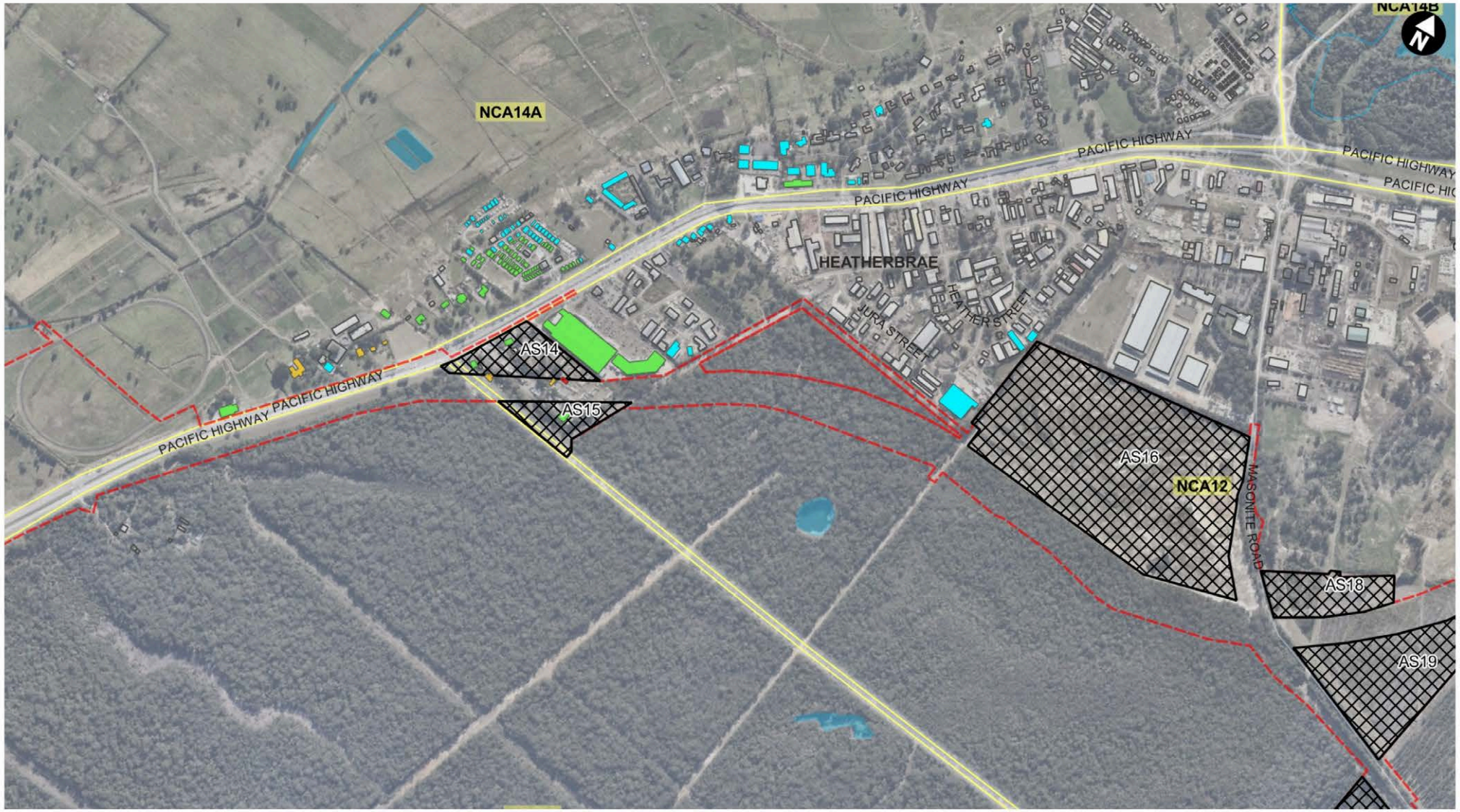


Figure TL081-01.6.2.1.1 Q13 (r5) Predicted construction noise impacts: worst case - night period

Date: 26/02/2021 Project path: R:\Acoust\Projects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\ GIS\TL081-01.6.1 M1RT GIS (r0).qgz



Figure TL081-01.6.2.1.1 Q13 (r5) Predicted construction noise impacts: worst case - night period

Date: 26/02/2021 Project path: R:\Acciona\Projects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\6 GIS\TL081-01.6.1 M1 2RT GIS (r0).aprx

C.4 Predicted construction noise impacts – ancillary facilities

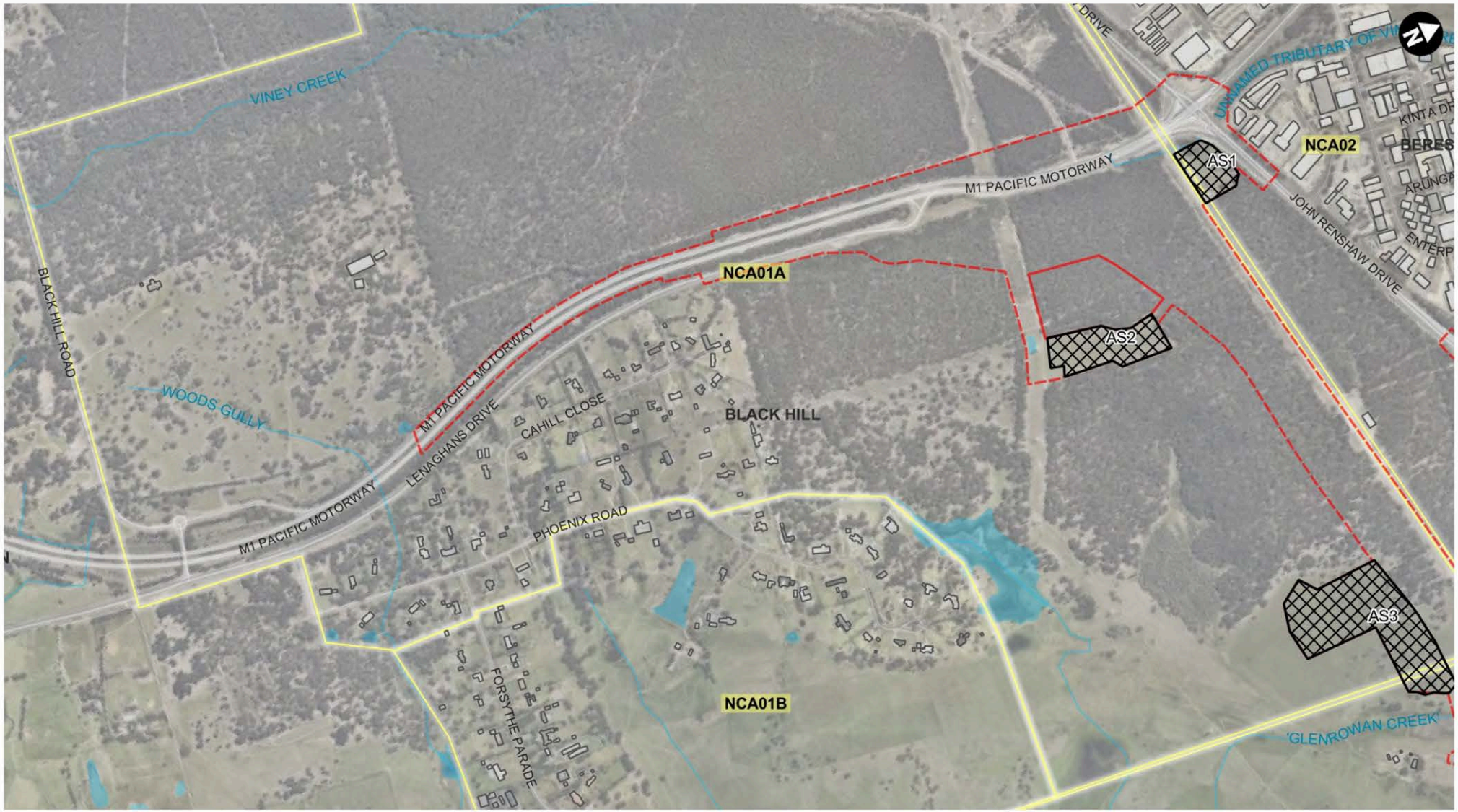
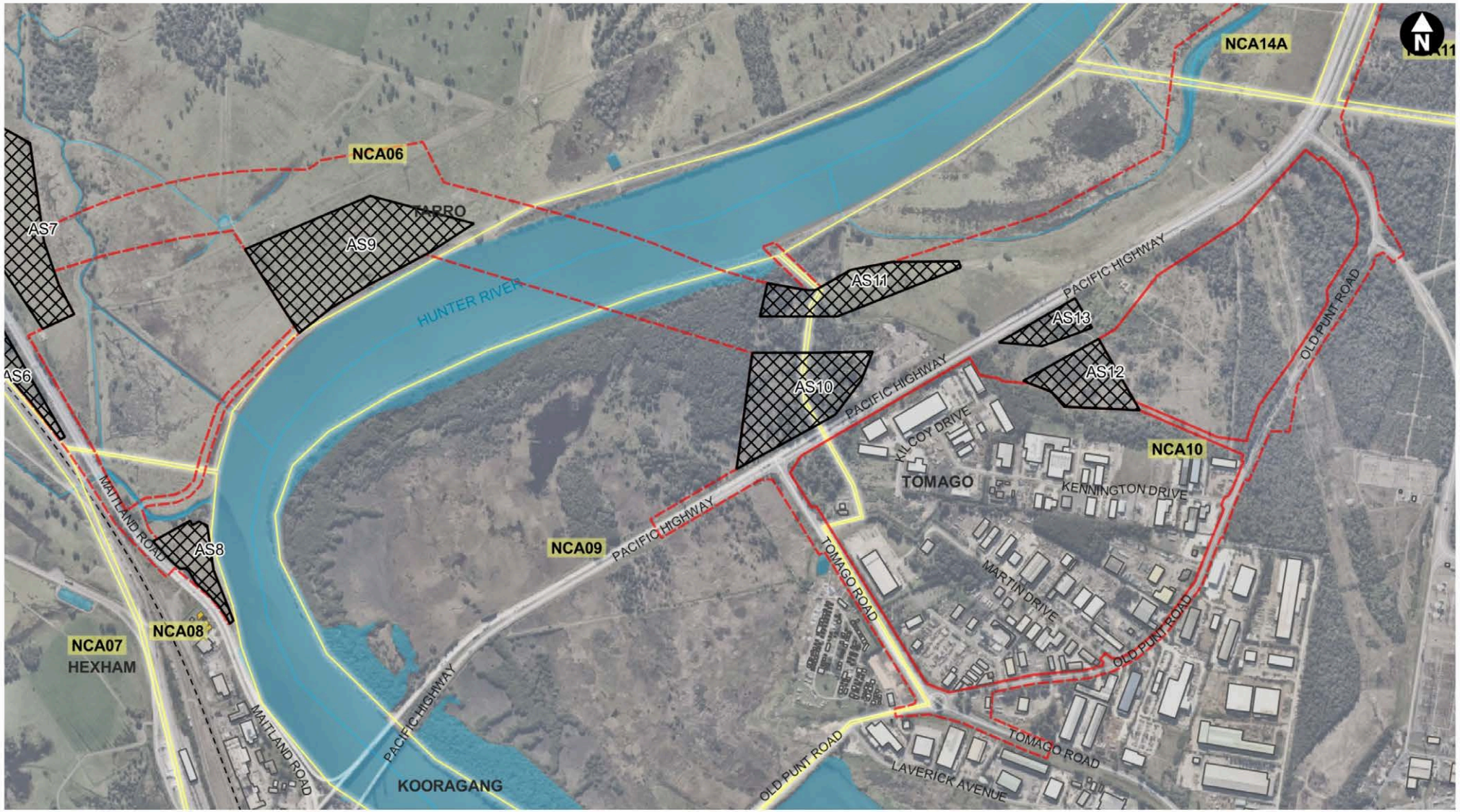


Figure TL081-01.6.2.1.1 Q14 (r5) Predicted construction noise impacts: Ancillary site operation - standard period



Figure TL081-01.6.2.1.1 Q14 (r5) Predicted construction noise impacts: Ancillary site operation - standard period

Date: 26/02/2021 Project path: R:\Aecom\Syd\Projects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\ GIS\TL081-01.6.1 M1RT GIS (r0).qgz



Exceedance of NML

- Clearly audible (1 to 10 dB)
- Moderately intrusive (11 to 20 dB)
- Highly intrusive (>20 dB)

- NCA
- Waterways
- Main North Rail Line
- Building
- Construction footprint
- Ancillary site

250 0 250 500 m





Figure TL081-01.6.2.1.1 Q14 (r5) Predicted construction noise impacts: Ancillary site operation - standard period

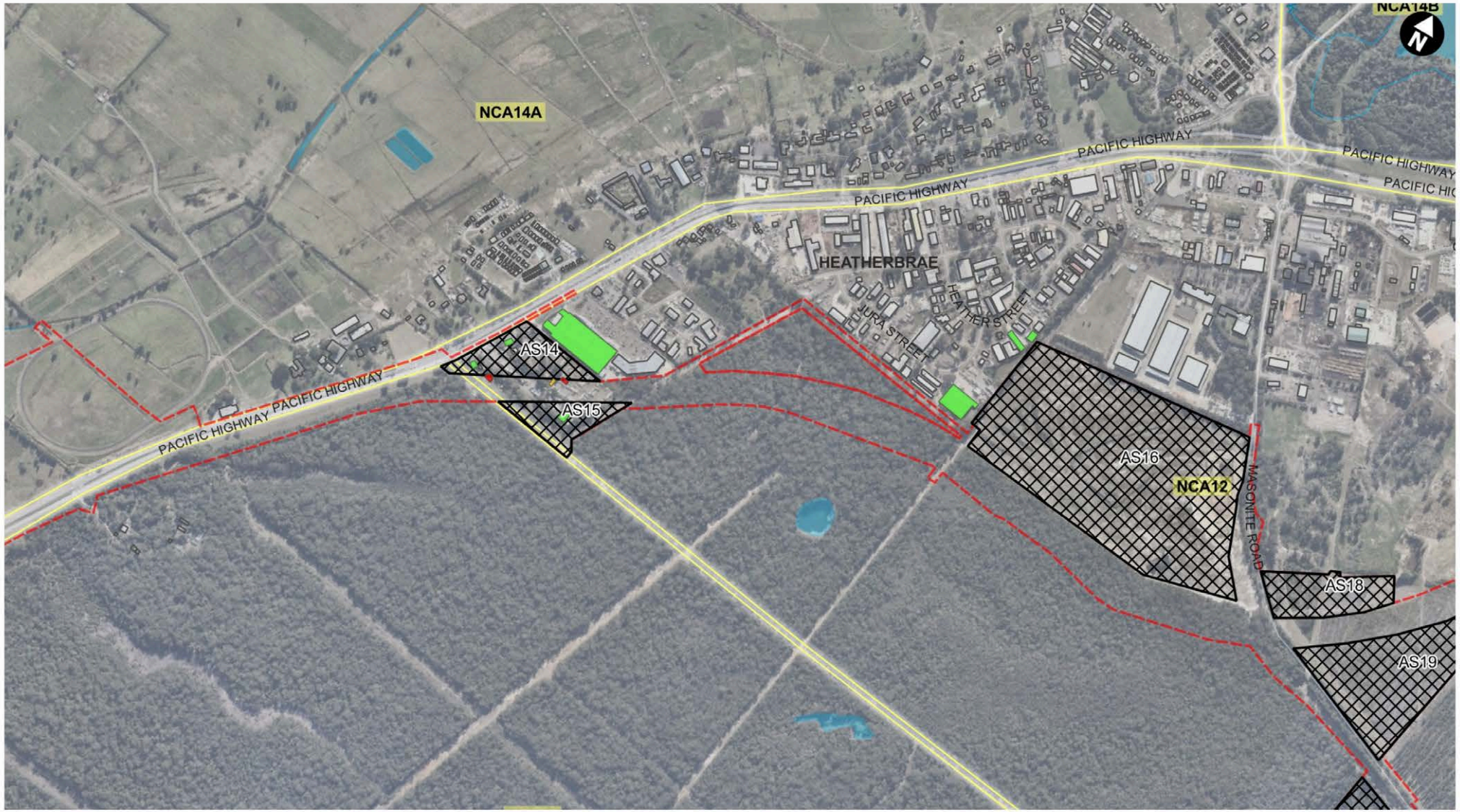


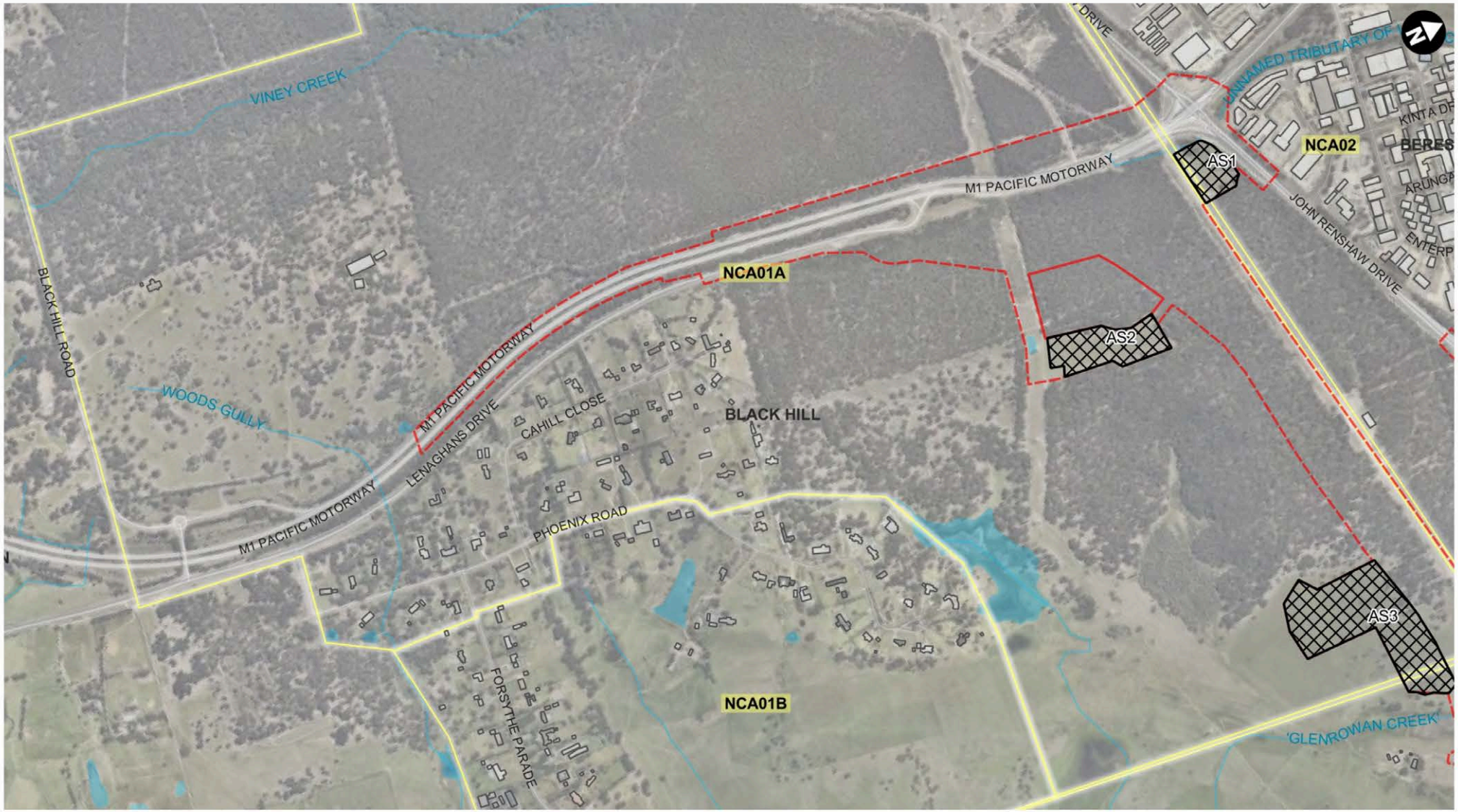
Figure TL081-01.6.2.1.1 Q14 (r5) Predicted construction noise impacts: Ancillary site operation - standard period

Date: 26/02/2021 Project path: R:\AssocSydProjects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\ GIS\TL081-01.6.1 M1RT GIS (r0).qgz



Figure TL081-01.6.2.1.1 Q14 (r5) Predicted construction noise impacts: Ancillary site operation - standard period

Date: 26/02/2021 Project path: R:\AecomSydProjects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\ GIS\TL081-01.6.1 M1RT GIS (r0).qgz



Exceedance of NML

- Noticeable (<5dB)
- Clearly audible (5 to 15 dB)
- Moderately intrusive (15 to 25 dB)
- Highly intrusive (>25 dB)

- NCA
- Waterways
- Main North Rail Line
- Building
- Construction footprint
- Ancillary site

250 0 250 500 m





Figure TL081-01.6.2.1.1 Q15 (r5) Predicted construction noise impacts: Ancillary site operation - morning shoulder period

Date: 26/02/2021 Project path: R:\AssocSyd\Projects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Outputs\GIS\TL081-01.6.1 M1RT GIS (r0).qgz

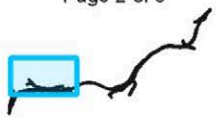


Exceedance of NML

- Noticeable (<5dB)
- Clearly audible (5 to 15 dB)
- Moderately intrusive (15 to 25 dB)
- Highly intrusive (>25 dB)

- NCA
- Waterways
- Main North Rail Line
- Building
- Construction footprint
- Ancillary site

250 0 250 500 m

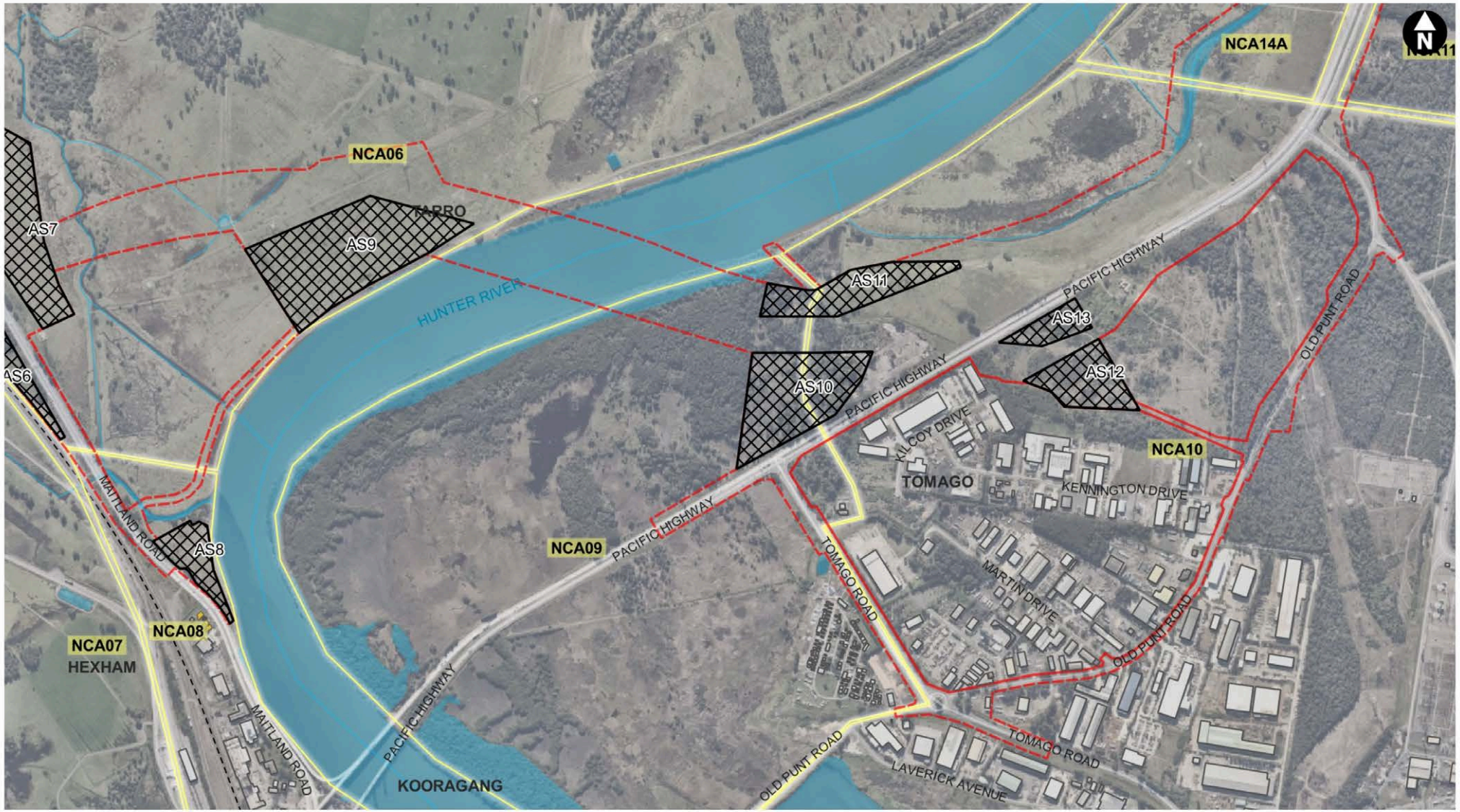


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Figure TL081-01.6.2.1.1 Q15 (r5) Predicted construction noise impacts: Ancillary site operation - morning shoulder period

Date: 26/02/2021 Project path: R:\Acoo\Syd\Projects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\ GIS\TL081-01.6.1 M1RT GIS (r0).qgz



Exceedance of NML

- Noticeable (<5dB)
- Clearly audible (5 to 15 dB)
- Moderately intrusive (15 to 25 dB)
- Highly intrusive (>25 dB)

- NCA
- Waterways
- Main North Rail Line
- Building
- Construction footprint
- Ancillary site

250 0 250 500 m



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Figure TL081-01.6.2.1.1 Q15 (r5) Predicted construction noise impacts: Ancillary site operation - morning shoulder period

Date: 26/02/2021 Project path: R:\AecomSyd\Projects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\ GIS\TL081-01.6.1 M1RT GIS (r0).qgz

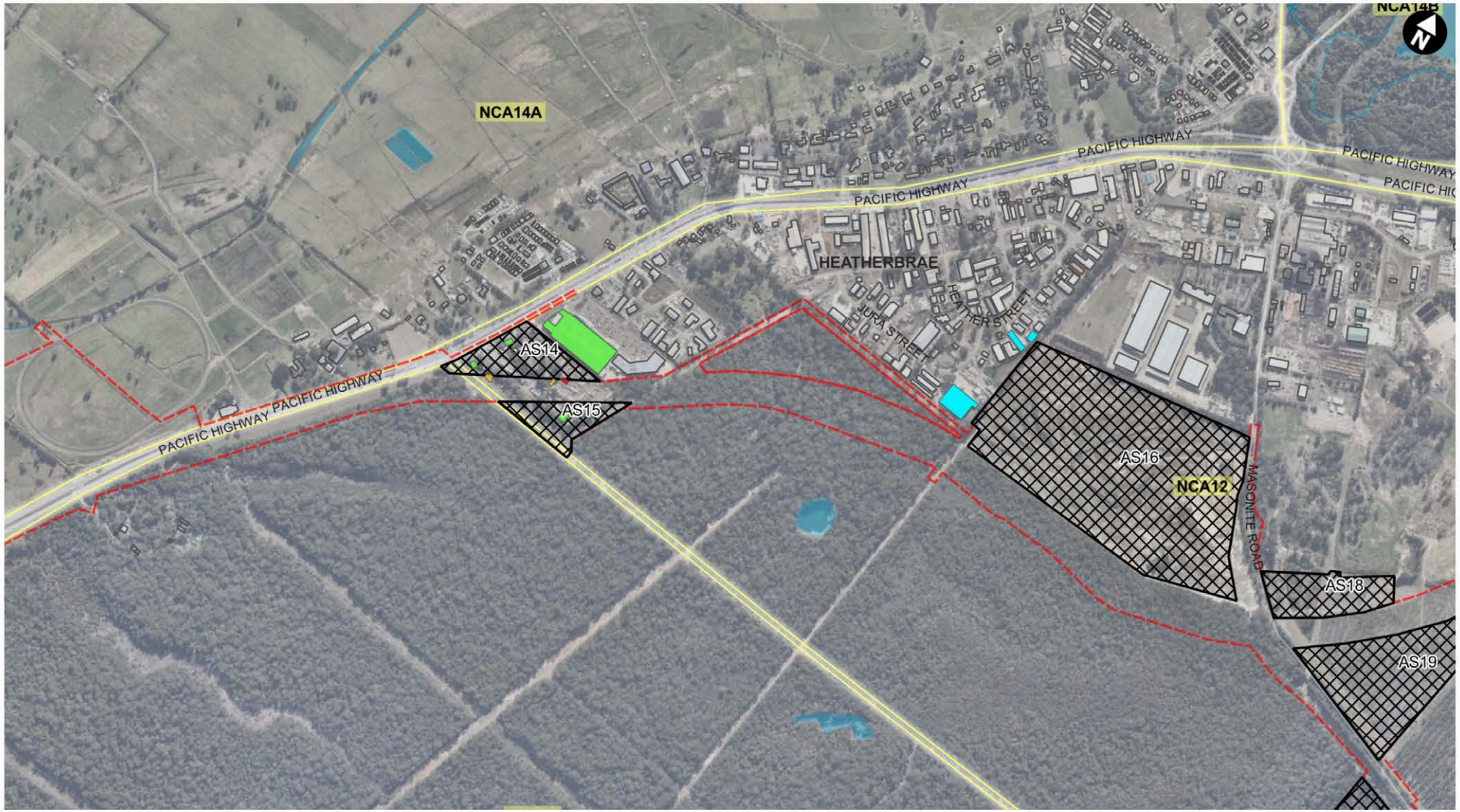


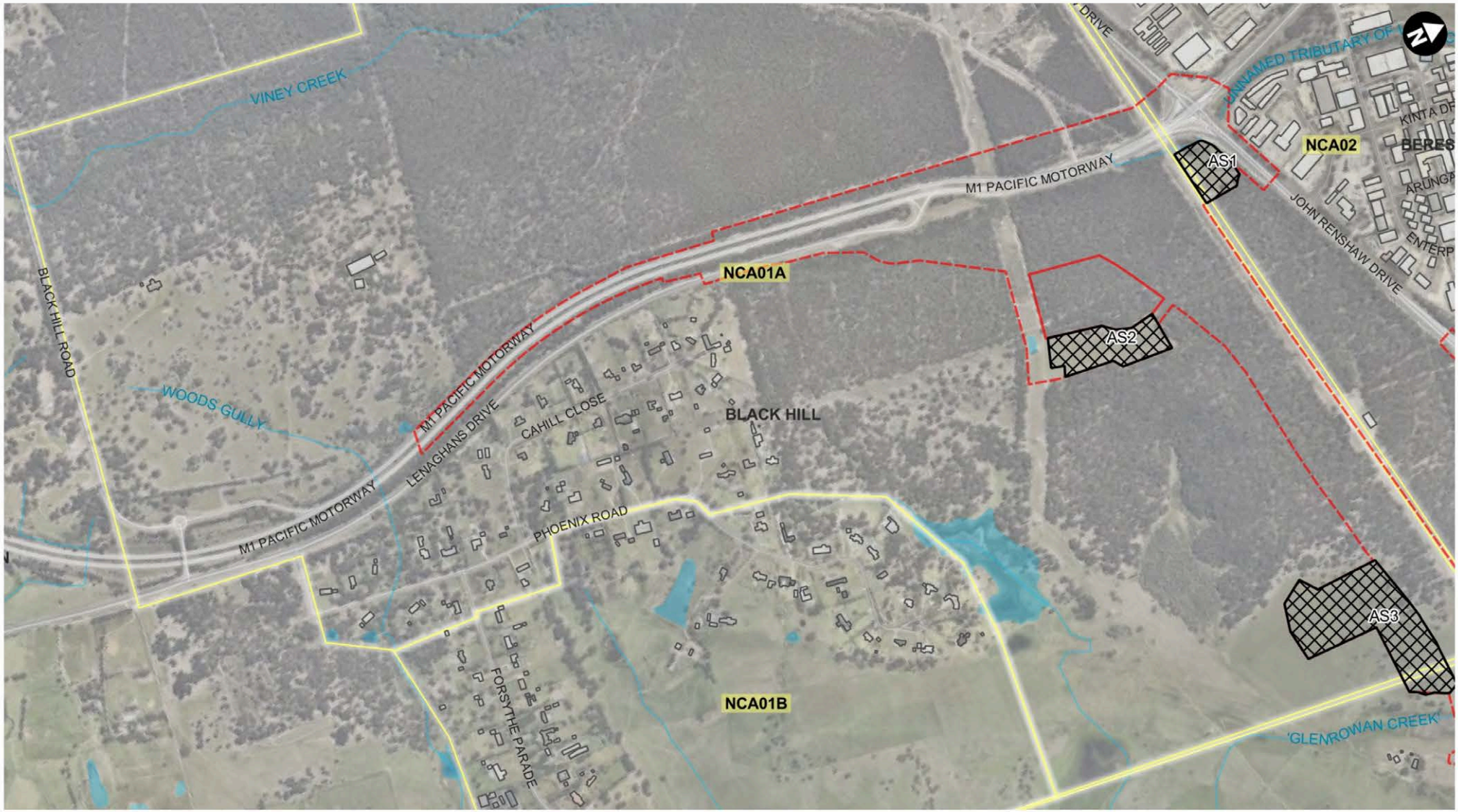
Figure TL081-01.6.2.1.1 Q15 (r5) Predicted construction noise impacts: Ancillary site operation - morning shoulder period

Date: 26/02/2021 Project path: R:\AssocSydProjects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\ GIS\TL081-01.6.1 M1RT GIS (r0).qgz



Figure TL081-01.6.2.1.1 Q15 (r5) Predicted construction noise impacts: Ancillary site operation - morning shoulder period

Date: 26/02/2021 Project path: R:\Aecom\Syd\Projects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\ GIS\TL081-01.6.1 M1RT GIS (r0).qgz



Exceedance of NML

- Noticeable (<5dB)
- Clearly audible (5 to 15 dB)
- Moderately intrusive (15 to 25 dB)
- Highly intrusive (>25 dB)

- NCA
- Waterways
- Main North Rail Line
- Building
- Construction footprint
- Ancillary site

250 0 250 500 m



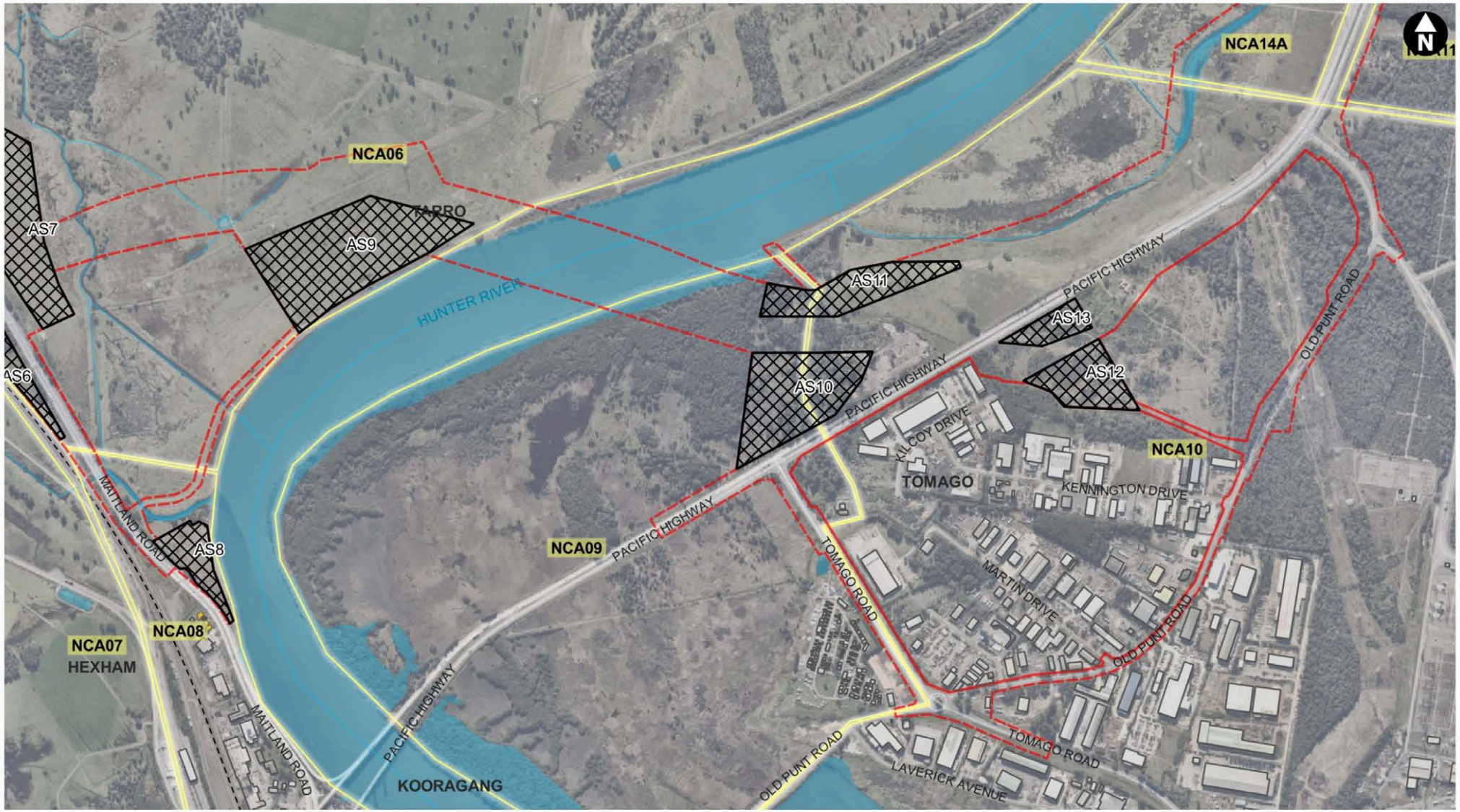


Figure TL081-01.6.2.1.1 Q16 (r5) Predicted construction noise impacts: Ancillary site operation - day out-of-hours period

Date: 26/02/2021 Project path: R:\AssocSyd\Projects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Outputs\GIS\TL081-01.6.1 M1RT GIS (r0).qgz



Figure TL081-01.6.2.1.1 Q16 (r5) Predicted construction noise impacts: Ancillary site operation - day out-of-hours period



Exceedance of NML

- Noticeable (<5dB)
- Clearly audible (5 to 15 dB)
- Moderately intrusive (15 to 25 dB)
- Highly intrusive (>25 dB)

- NCA
- Waterways
- Main North Rail Line
- Building
- Construction footprint
- Ancillary site

250 0 250 500 m





Figure TL081-01.6.2.1.1 Q16 (r5) Predicted construction noise impacts: Ancillary site operation - day out-of-hours period

Date: 26/02/2021 Project path: R:\AecomSyd\Projects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\ GIS\TL081-01.6.1 M1RT GIS (r0).qgz

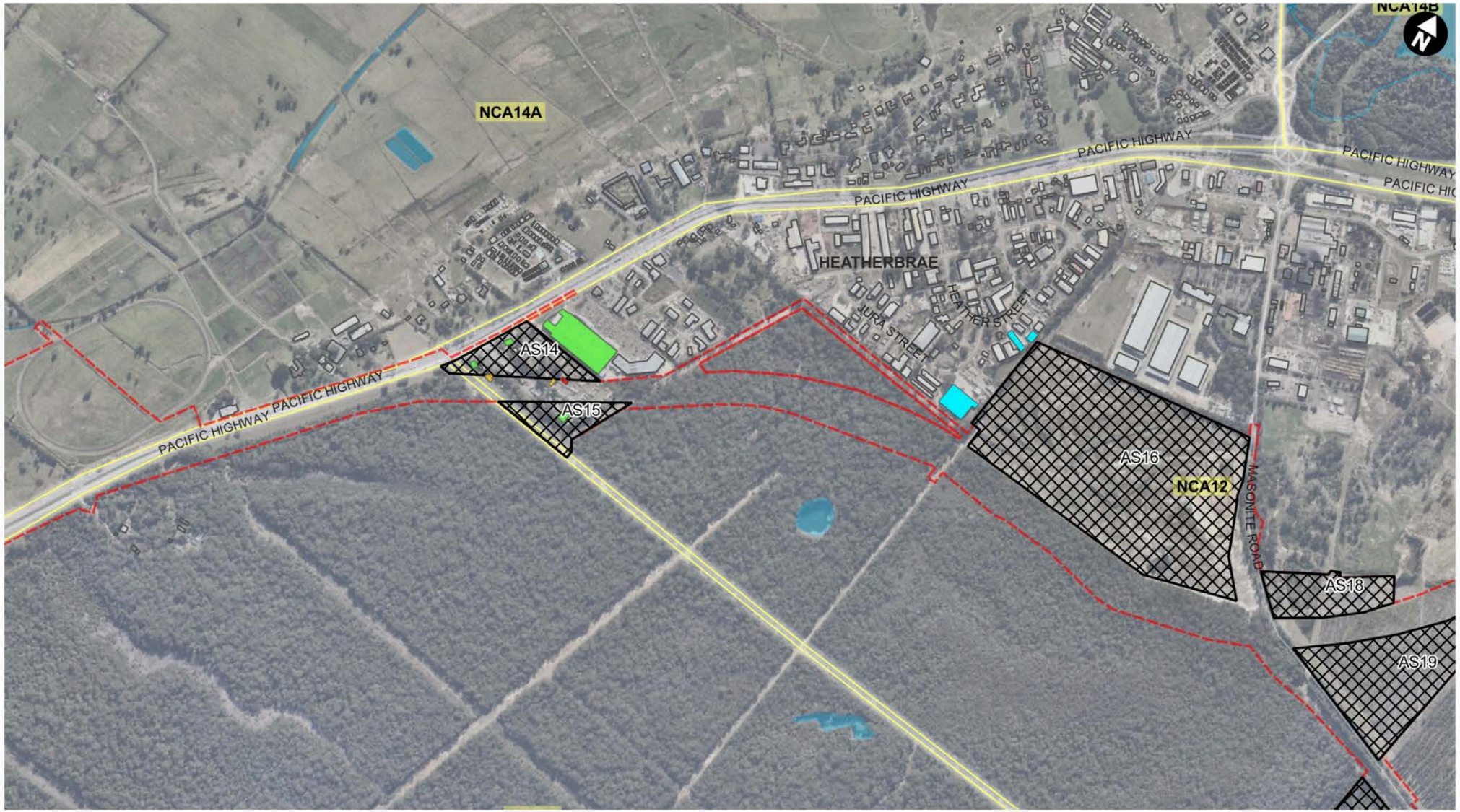


Figure TL081-01.6.2.1.1 Q16 (r5) Predicted construction noise impacts: Ancillary site operation - day out-of-hours period

Date: 26/02/2021 Project path: R:\AssocSyd\Projects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\ GOIS\TL081-01.6.1 M1RT GOIS (r0).qgz



Exceedance of NML

- Noticeable (<5dB)
- Clearly audible (5 to 15 dB)
- Moderately intrusive (15 to 25 dB)
- Highly intrusive (>25 dB)

- NCA
- Waterways
- Main North Rail Line
- Building
- Construction footprint
- Ancillary site

250 0 250 500 m

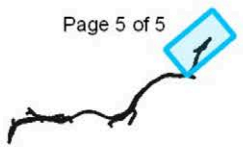
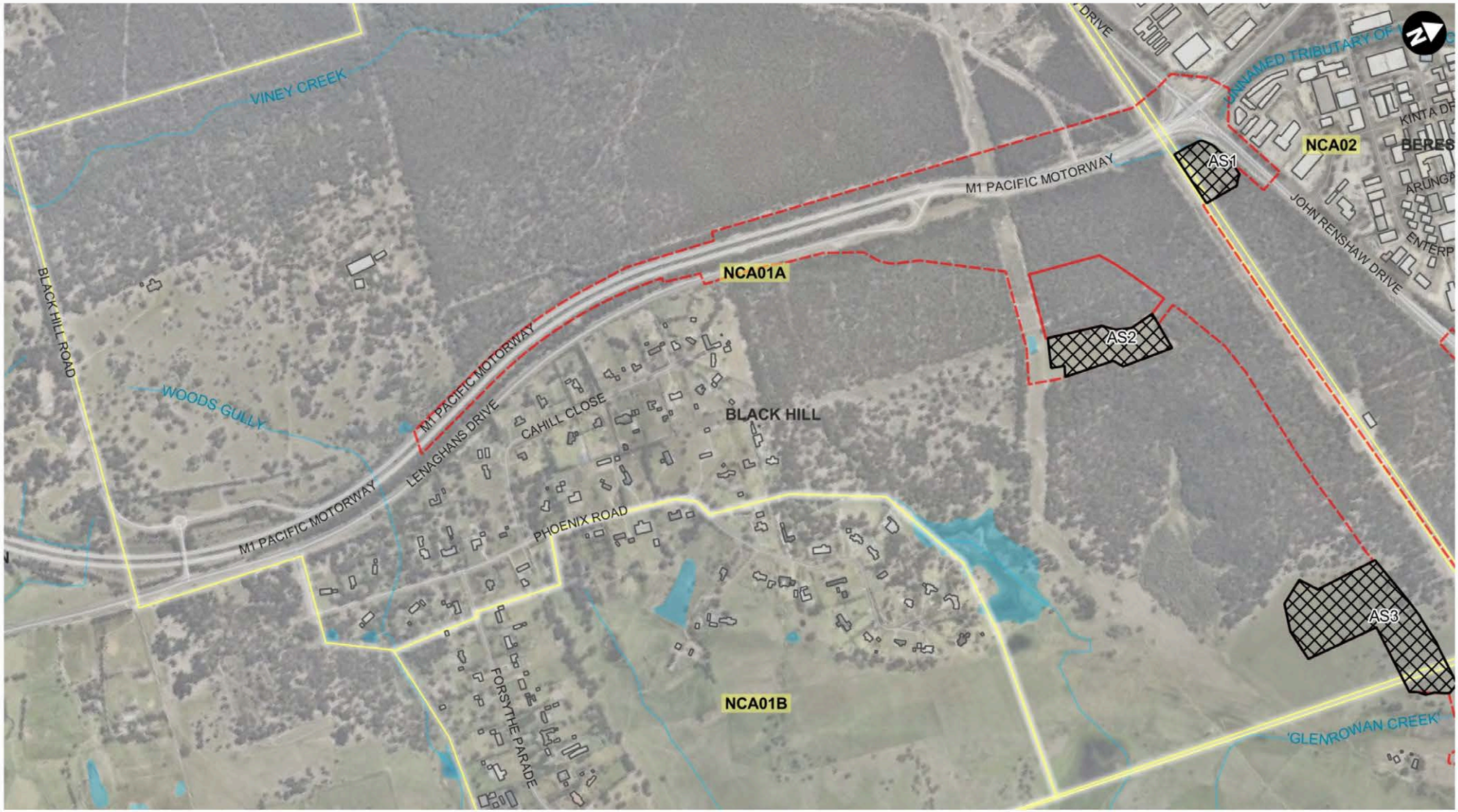




Figure TL081-01.6.2.1.1 Q16 (r5) Predicted construction noise impacts: Ancillary site operation - day out-of-hours period

Date: 26/02/2021 Project path: R:\AssocSydProjects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\ GIS\TL081-01.6.1 M12RT GIS (r0).qgz



Exceedance of NML

- Noticeable (<5dB)
- Clearly audible (5 to 15 dB)
- Moderately intrusive (15 to 25 dB)
- Highly intrusive (>25 dB)

- NCA
- Waterways
- Main North Rail Line
- Building
- Construction footprint
- Ancillary site

250 0 250 500 m





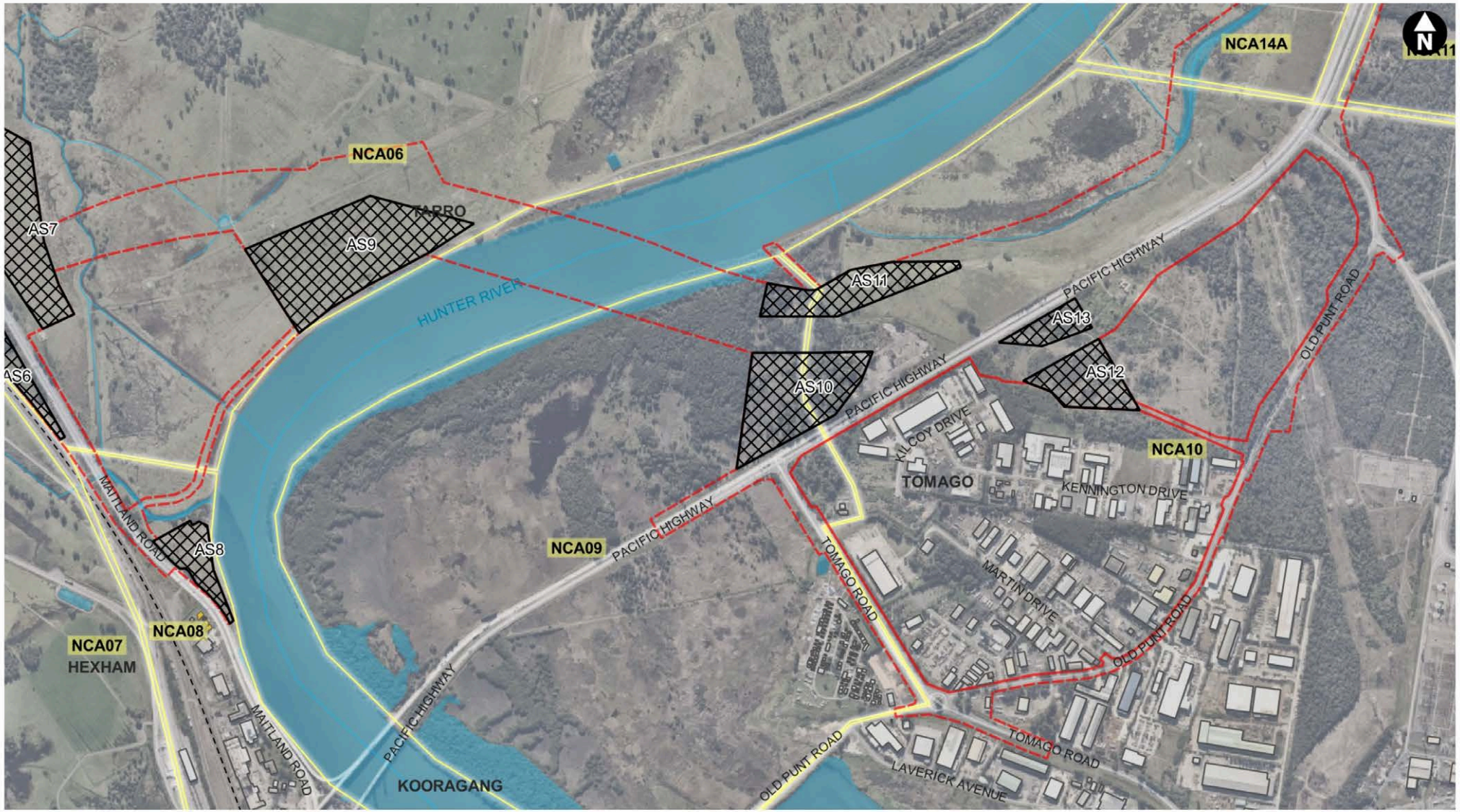
Figure TL081-01.6.2.1.1 Q17 (r5) Predicted construction noise impacts: Ancillary site operation - evening shoulder period

Date: 26/02/2021 Project path: R:\AssocSyd\Projects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Outputs\GIS\TL081-01.6.1 M1RT GIS (r0).qgz



Figure TL081-01.6.2.1.1 Q17 (r5) Predicted construction noise impacts: Ancillary site operation - evening shoulder period

Date: 26/02/2021 Project path: R:\Aecom\Syd\Projects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\ GIS\TL081-01.6.1 M1RT GIS (r0).qgz



Exceedance of NML

- Noticeable (<5dB)
- Clearly audible (5 to 15 dB)
- Moderately intrusive (15 to 25 dB)
- Highly intrusive (>25 dB)

- NCA
- Waterways
- Main North Rail Line
- Building
- Construction footprint
- Ancillary site





Figure TL081-01.6.2.1.1 Q17 (r5) Predicted construction noise impacts: Ancillary site operation - evening shoulder period

Date: 26/02/2021 Project path: R:\Aecom\Syd\Projects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\ GIS\TL081-01.6.1 M1RT GIS (r0).qgz

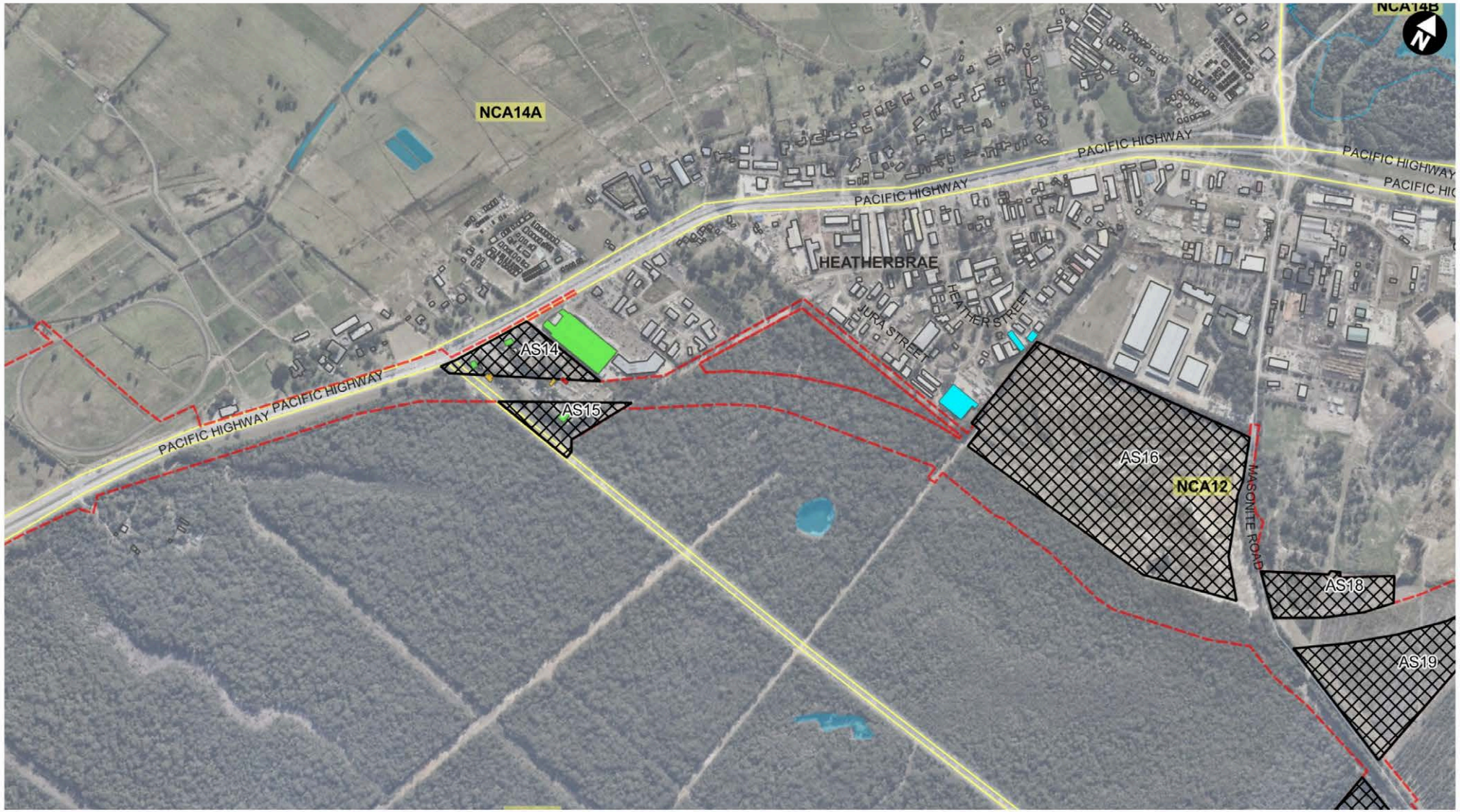


Figure TL081-01.6.2.1.1 Q17 (r5) Predicted construction noise impacts: Ancillary site operation - evening shoulder period

Date: 26/02/2021 Project path: R:\AssocSydProjects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\ GOIS\TL081-01.6.1 M1RT GOIS (r0).qgz



Exceedance of NML

- Noticeable (<5dB)
- Clearly audible (5 to 15 dB)
- Moderately intrusive (15 to 25 dB)
- Highly intrusive (>25 dB)

- NCA
- Waterways
- Main North Rail Line
- Building
- Construction footprint
- Ancillary site

250 0 250 500 m

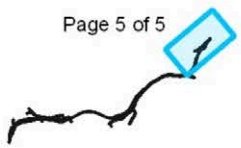




Figure TL081-01.6.2.1.1 Q17 (r5) Predicted construction noise impacts: Ancillary site operation - evening shoulder period

Date: 26/02/2021 Project path: R:\AssocSydProjects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\ GIS\TL081-01.6.1 M1RT GIS (r0).qgz

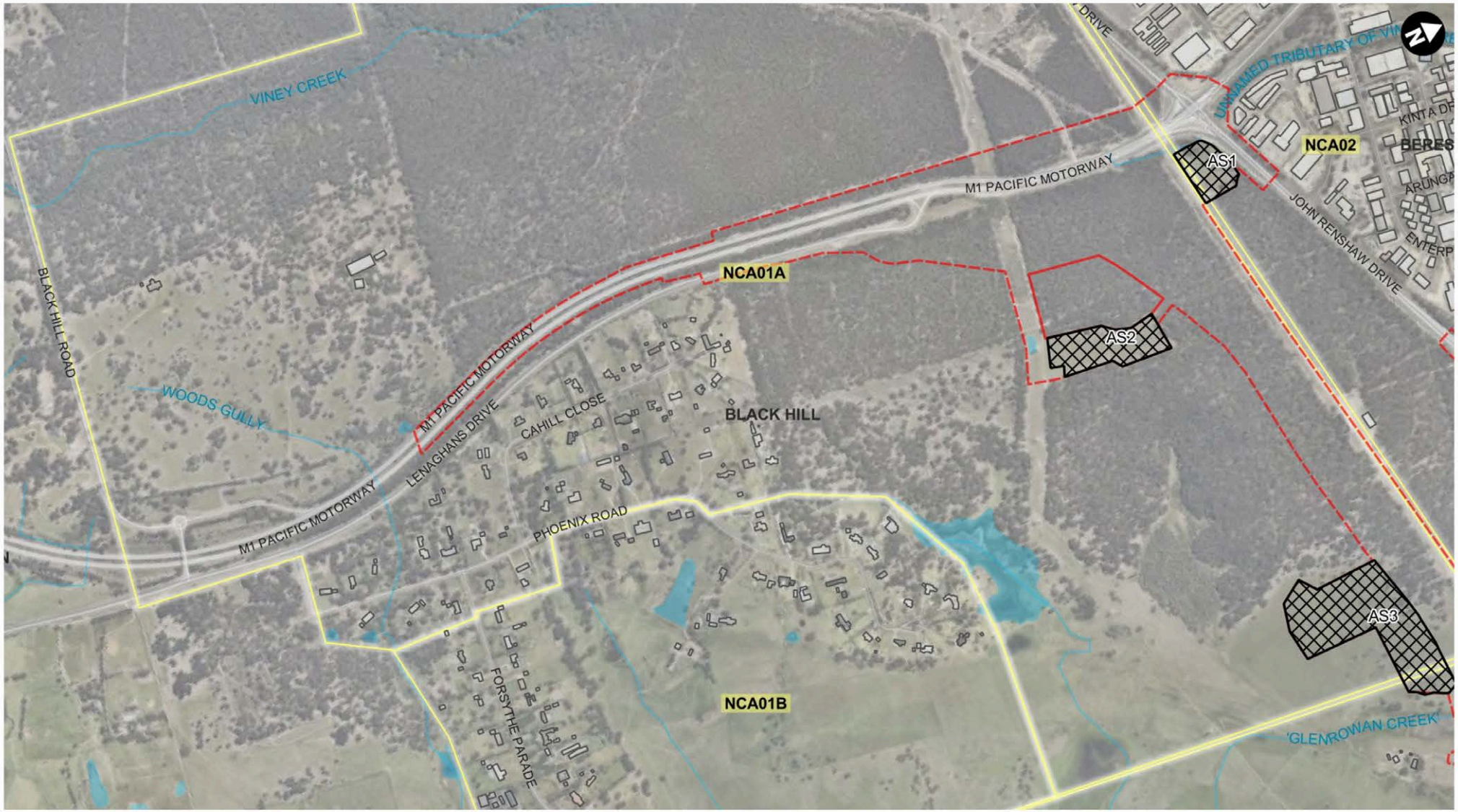


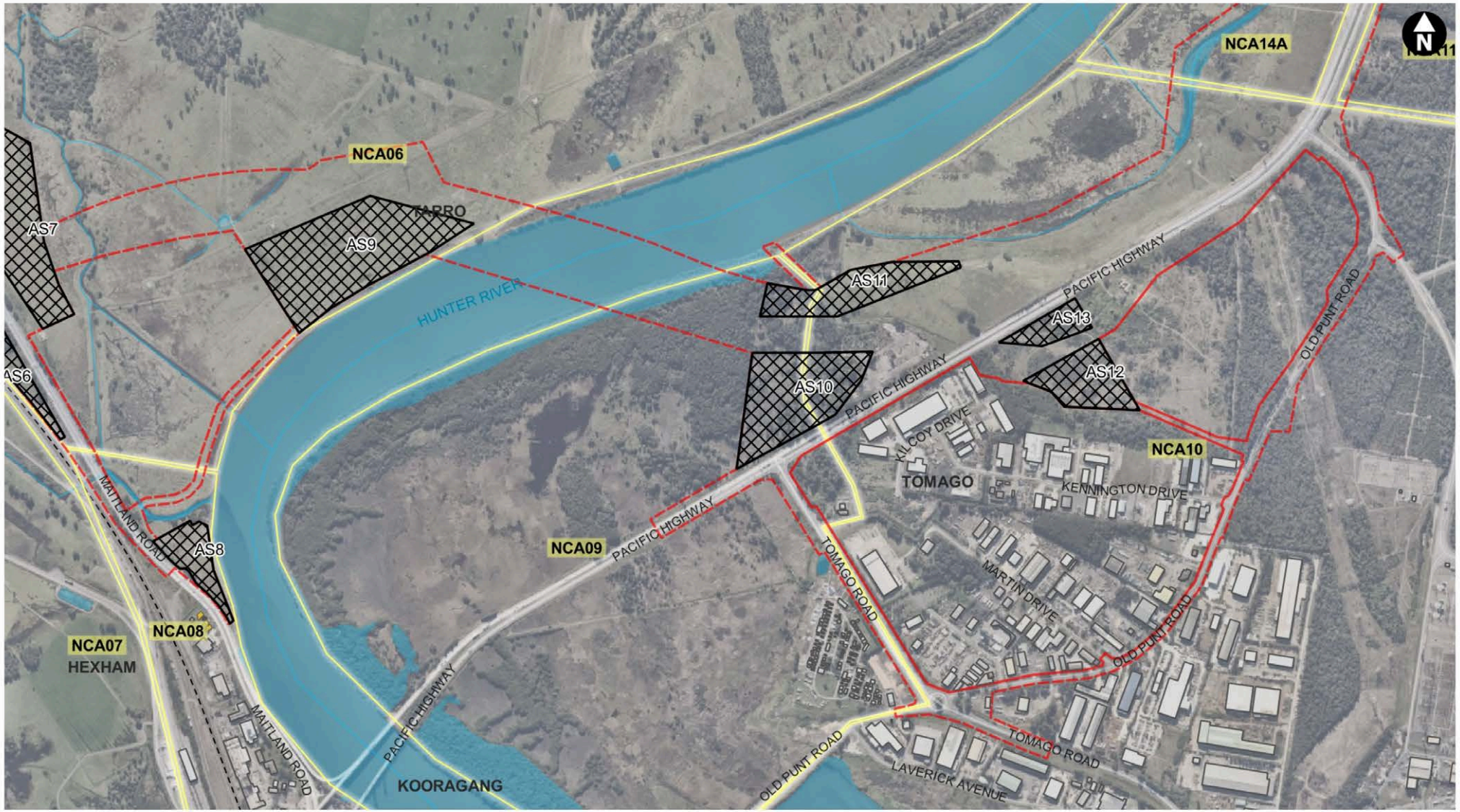
Figure TL081-01.6.2.1.1 Q18 (r5) Predicted construction noise impacts: Ancillary site operation - evening period

Date: 26/02/2021 Project path: R:\AssocSyd\Projects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Outputs\GIS\TL081-01.6.1 M1RT GIS (r0).qgz



Figure TL081-01.6.2.1.1 Q18 (r5) Predicted construction noise impacts: Ancillary site operation - evening period

Date: 26/02/2021 Project path: R:\AecomSyd\Projects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\ GIS\TL081-01.6.1 M1RT GIS (r0).qgz



Exceedance of NML

- Noticeable (<5dB)
- Clearly audible (5 to 15 dB)
- Moderately intrusive (15 to 25 dB)
- Highly intrusive (>25 dB)

- NCA
- Waterways
- Main North Rail Line
- Building
- Construction footprint
- Ancillary site





Figure TL081-01.6.2.1.1 Q18 (r5) Predicted construction noise impacts: Ancillary site operation - evening period

Date: 26/02/2021 Project path: R:\AssocSyd\Projects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\ GIS\TL081-01.6.1 M1RT GIS (r0).qgz

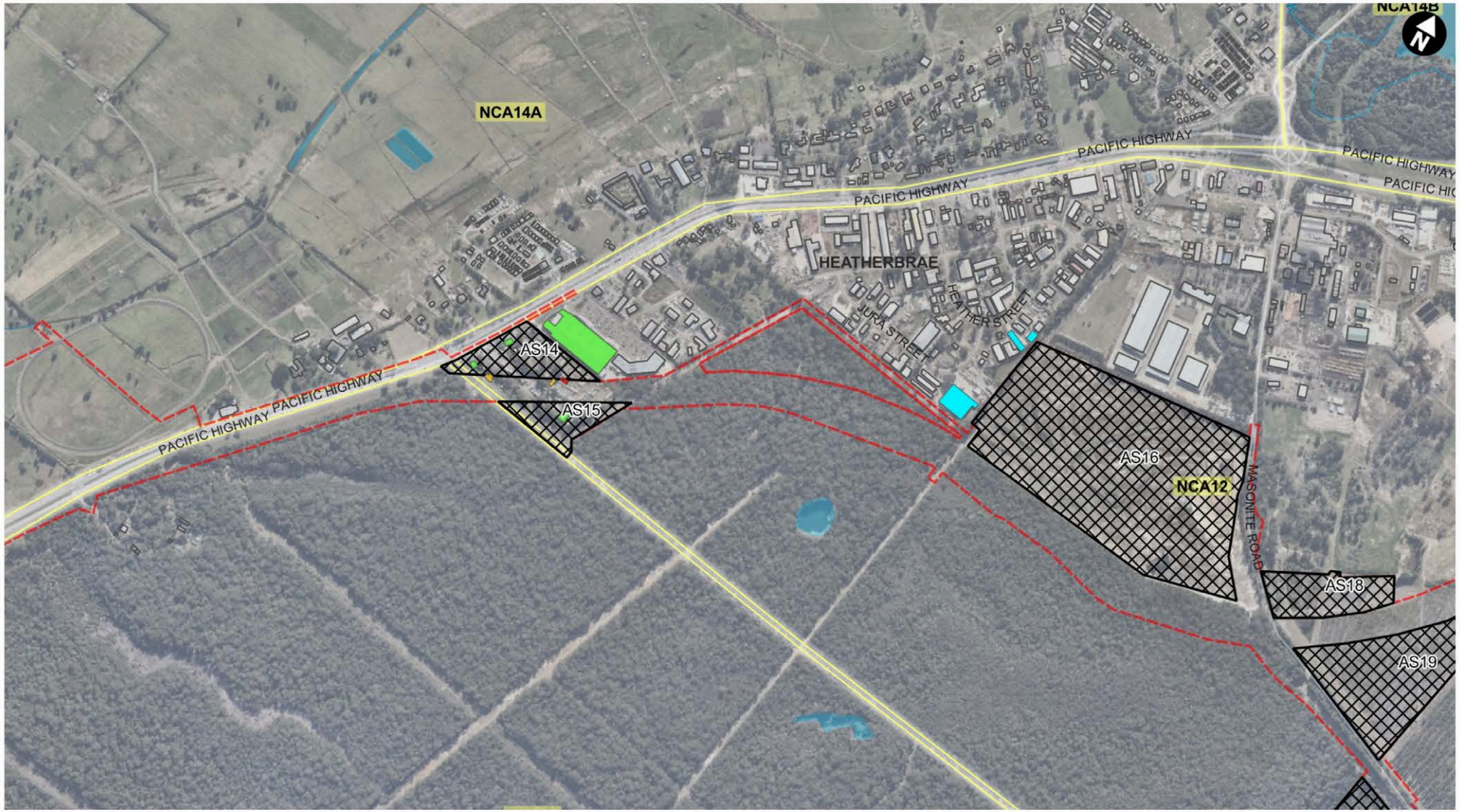


Figure TL081-01.6.2.1.1 Q18 (r5) Predicted construction noise impacts: Ancillary site operation - evening period

Date: 26/02/2021 Project path: R:\Aecom\Syd\Projects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\ GIS\TL081-01.6.1 M1RT GIS (r0).qgz



Exceedance of NML

- Noticeable (<5dB)
- Clearly audible (5 to 15 dB)
- Moderately intrusive (15 to 25 dB)
- Highly intrusive (>25 dB)

- NCA
- Waterways
- Main North Rail Line
- Building
- Construction footprint
- Ancillary site

250 0 250 500 m

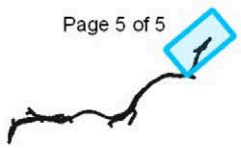
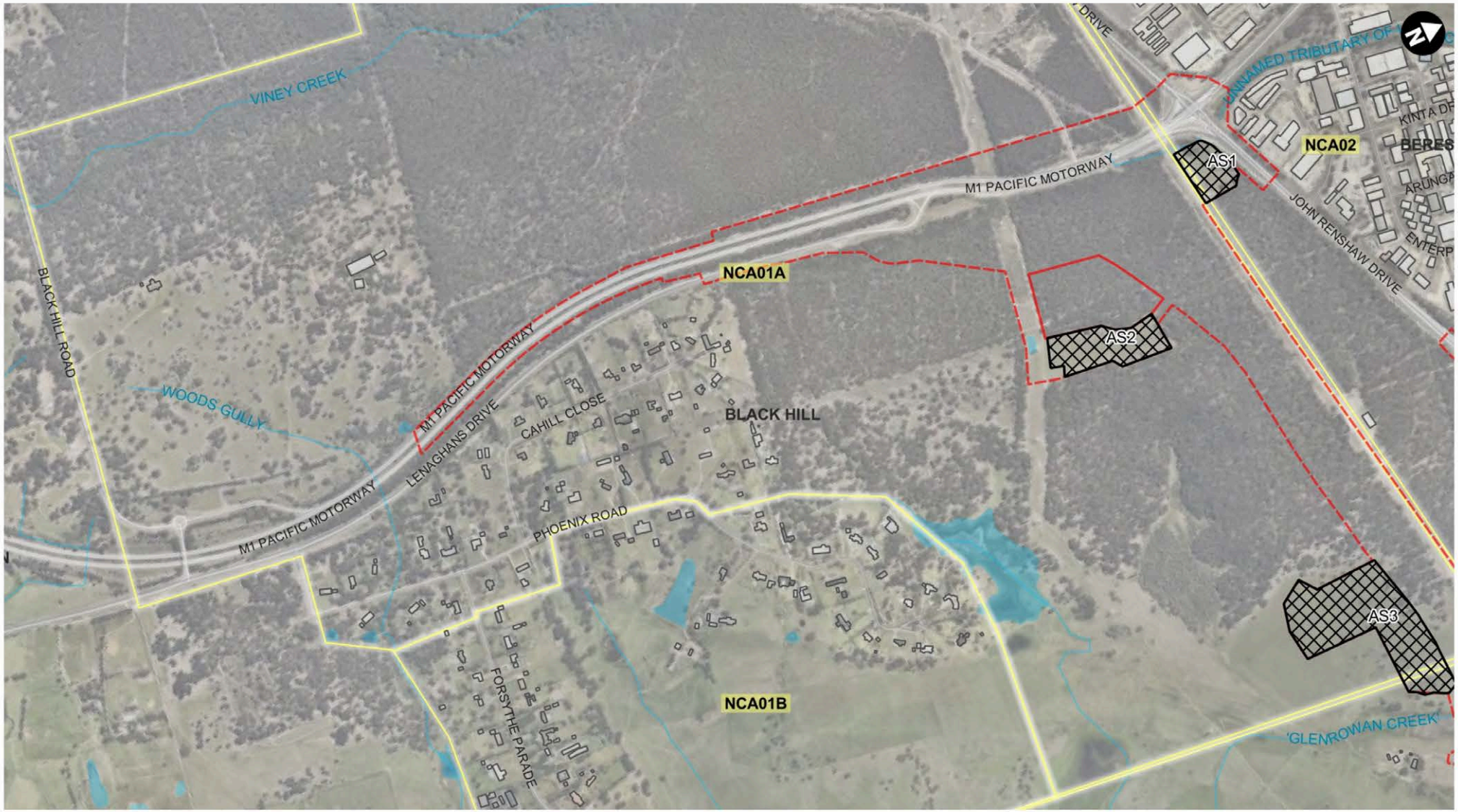




Figure TL081-01.6.2.1.1 Q18 (r5) Predicted construction noise impacts: Ancillary site operation - evening period

Date: 26/02/2021 Project path: R:\Aecom\Syd\Projects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\ GIS\TL081-01.6.1 M1RT GIS (r0).qgz



Exceedance of NML

- Noticeable (<5dB)
- Clearly audible (5 to 15 dB)
- Moderately intrusive (15 to 25 dB)
- Highly intrusive (>25 dB)

- NCA
- Waterways
- Main North Rail Line
- Building
- Construction footprint
- Ancillary site

250 0 250 500 m

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Figure TL081-01.6.2.1.1 Q19 (r5) Predicted construction noise impacts: Ancillary site operation - night period

Date: 26/02/2021 Project path: R:\AssocSyd\Projects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Outputs\GIS\TL081-01.6.1 M1RT GIS (r0).qgz

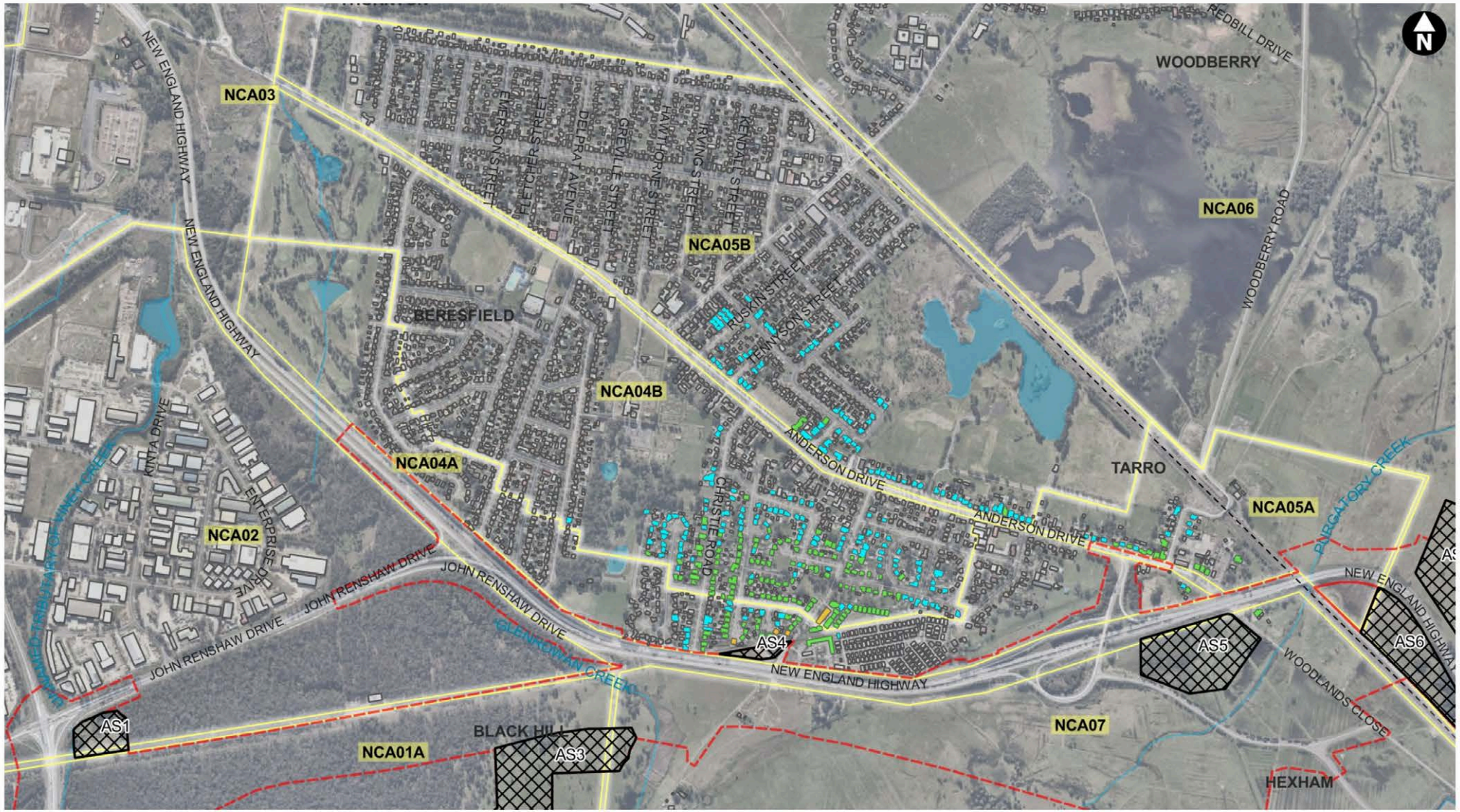
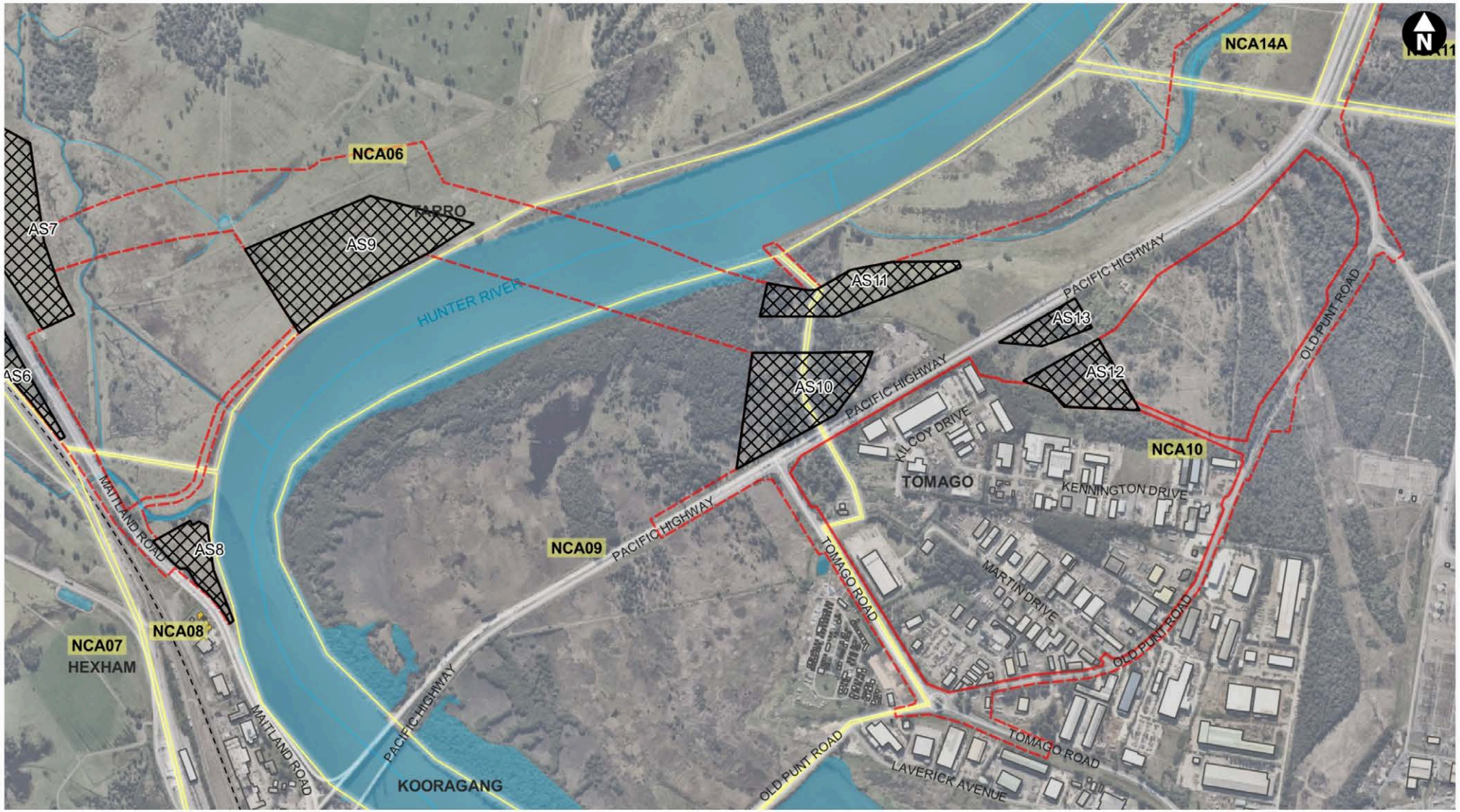


Figure TL081-01.6.2.1.1 Q19 (r5) Predicted construction noise impacts: Ancillary site operation - night period

Date: 26/02/2021 Project path: R:\AecomSyd\Projects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\ GIS\TL081-01.6.1 M1RT GIS (r0).qgz



Exceedance of NML

- Noticeable (<5dB)
- Clearly audible (5 to 15 dB)
- Moderately intrusive (15 to 25 dB)
- Highly intrusive (>25 dB)

- NCA
- Waterways
- Main North Rail Line
- Building
- Construction footprint
- Ancillary site

250 0 250 500 m





Figure TL081-01.6.2.1.1 Q19 (r5) Predicted construction noise impacts: Ancillary site operation - night period

Date: 26/02/2021 Project path: R:\AssocSyd\Projects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\ GIS\TL081-01.6.1 M1RT GIS (r0).qgz

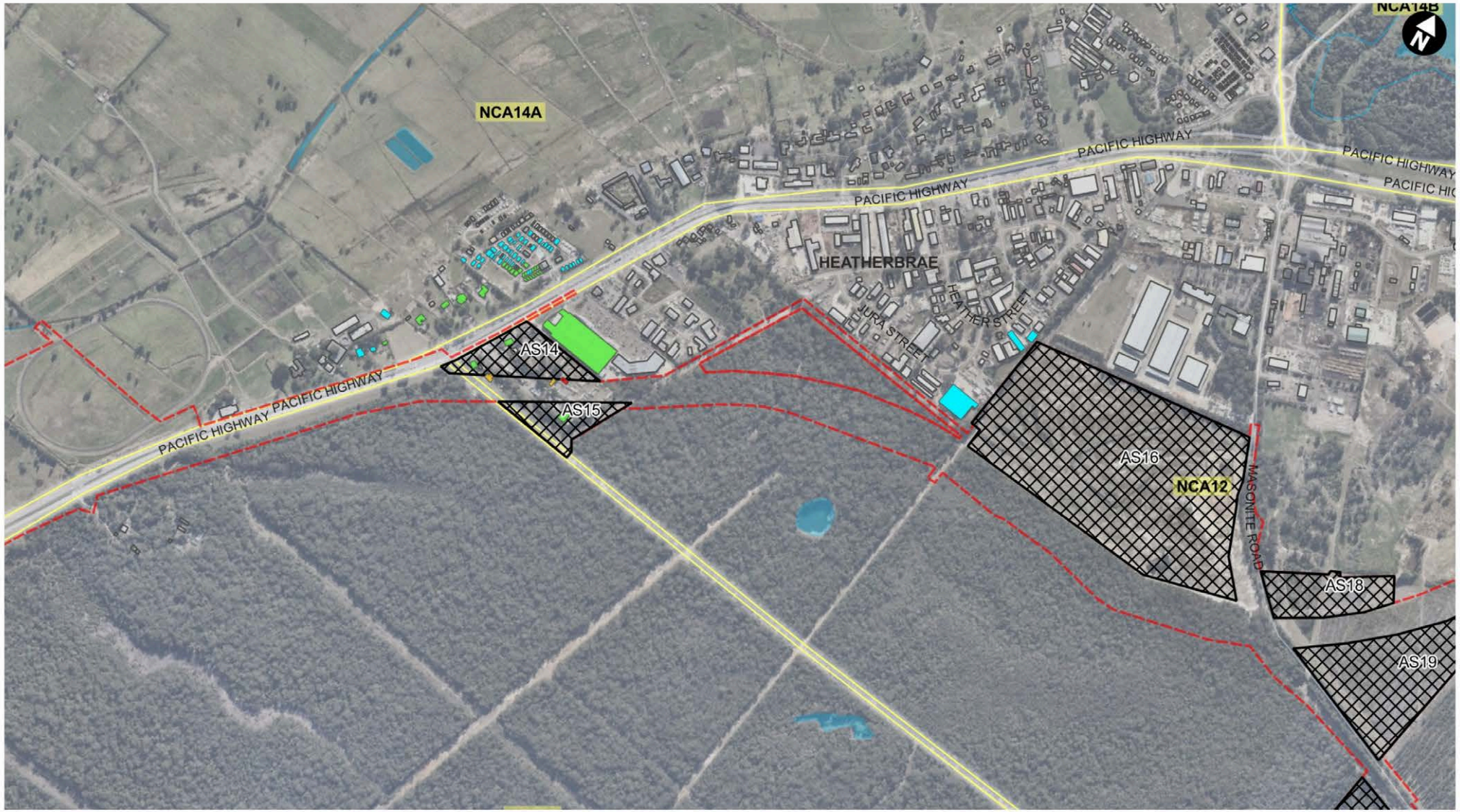


Figure TL081-01.6.2.1.1 Q19 (r5) Predicted construction noise impacts: Ancillary site operation - night period

Date: 26/02/2021 Project path: R:\AssocSyd\Projects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\ GIS\TL081-01.6.1 M1RT GIS (r0).qgz



Figure TL081-01.6.2.1.1 Q19 (r5) Predicted construction noise impacts: Ancillary site operation - night period

Date: 26/02/2021 Project path: R:\AssocSydProjects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\ GIS\TL081-01.6.1 M1RT GIS (r0).qgz

C.5 Number of receivers impacted by construction noise

Table C-10 Number of receivers highly noise affected, exceeding NML and sleep disturbance – NCA01A

ID	Scenario	Activity	Number of receivers[1, 2]																				
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																	
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
1	Pre-construction and site establishment	Peak impact	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Ancillary facility – establishment	Peak impact	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Ancillary facility – operation	Peak impact	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4A	Batch plant operation (concrete batch plant)	Peak impact	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4B	Batch plant operation (asphalt batch plant)	Peak impact	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Clearing, grubbing, and demolition	Peak impact	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Utility works	Peak impact	52	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	-	-
		Typical impact	52	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-

ID	Scenario	Activity	Number of receivers[1, 2]																				
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																	
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
7	Bulk earthworks – cuttings	Peak impact	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Bulk earthworks – fill	Peak impact	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Concrete pavement (including pavement drainage)	Peak impact	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Asphalt pavement (including pavement drainage)	Peak impact	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Bridge and viaduct superstructure	Peak impact	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-
		Typical impact	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Piling for bridges and bridge approaches	Peak impact	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Roadside furniture and finishing work	Peak impact	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
		Typical impact	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ID	Scenario	Activity	Number of receivers[1, 2]																				
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																	
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
15	Traffic management and control	Peak impact	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	Landscaping	Peak impact	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Cross drainage	Peak impact	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

1. Cell shading indicates highest predicted exceedance of NML for worst-case proposed construction activity (i.e. Peak activity); **green** = clearly audible, **orange** = moderately intrusive, **red** = highly intrusive (as per **Table 5-1**)
2. Counts include all receiver types (i.e. residential, commercial, industrial and other sensitive receivers)
3. Highly Noise Affected, where predicted construction noise impact is more than 75dB(A) for residential receivers only, in accordance with the CNVG and ICNG
4. Sleep disturbance screening level = RBL + 15dB(A) for residential receivers only.

Table C-11 Number of receivers highly noise affected, exceeding NML and sleep disturbance – NCA01B

ID	Scenario	Activity	Number of receivers[1, 2]																				
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																	
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
1	Pre-construction and site establishment	Peak impact	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Ancillary facility – establishment	Peak impact	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Ancillary facility – operation	Peak impact	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4A	Batch plant operation (concrete batch plant)	Peak impact	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4B	Batch plant operation (asphalt batch plant)	Peak impact	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Clearing, grubbing, and demolition	Peak impact	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Utility works	Peak impact	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-
		Typical impact	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-

ID	Scenario	Activity	Number of receivers[1, 2]																				
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																	
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
7	Bulk earthworks – cuttings	Peak impact	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Bulk earthworks – fill	Peak impact	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Concrete pavement (including pavement drainage)	Peak impact	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Asphalt pavement (including pavement drainage)	Peak impact	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Bridge and viaduct superstructure	Peak impact	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Piling for bridges and bridge approaches	Peak impact	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Roadside furniture and finishing work	Peak impact	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ID	Scenario	Activity	Number of receivers[1, 2]																				
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																	
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
15	Traffic management and control	Peak impact	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	Landscaping	Peak impact	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Cross drainage	Peak impact	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

1. Cell shading indicates highest predicted exceedance of NML for worst-case proposed construction activity (i.e. Peak activity); **green** = clearly audible, **orange** = moderately intrusive, **red** = highly intrusive (as per **Table 5-1**)
2. Counts include all receiver types (i.e. residential, commercial, industrial and other sensitive receivers)
3. Highly Noise Affected, where predicted construction noise impact is more than 75dB(A) for residential receivers only, in accordance with the CNVG and ICNG
4. Sleep disturbance screening level = RBL + 15dB(A) for residential receivers only.

Table C-12 Number of receivers highly noise affected, exceeding NML and sleep disturbance – NCA02

ID	Scenario	Activity	Number of receivers[1, 2]																				
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																	
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
1	Pre-construction and site establishment	Peak impact	191	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	191	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Ancillary facility – establishment	Peak impact	191	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	191	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Ancillary facility – operation	Peak impact	191	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	191	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4A	Batch plant operation (concrete batch plant)	Peak impact	191	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	191	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4B	Batch plant operation (asphalt batch plant)	Peak impact	191	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	191	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Clearing, grubbing, and demolition	Peak impact	191	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	191	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Utility works	Peak impact	191	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	191	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ID	Scenario	Activity	Number of receivers[1, 2]																				
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																	
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
7	Bulk earthworks – cuttings	Peak impact	191	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	191	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Bulk earthworks – fill	Peak impact	191	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	191	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Concrete pavement (including pavement drainage)	Peak impact	191	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	191	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Asphalt pavement (including pavement drainage)	Peak impact	191	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	191	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Bridge and viaduct superstructure	Peak impact	191	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	191	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Piling for bridges and bridge approaches	Peak impact	191	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	191	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Roadside furniture and finishing work	Peak impact	191	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	191	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ID	Scenario	Activity	Number of receivers[1, 2]																				
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																	
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
15	Traffic management and control	Peak impact	191	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	191	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	Landscaping	Peak impact	191	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	191	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Cross drainage	Peak impact	191	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	191	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
1. Cell shading indicates highest predicted exceedance of NML for worst-case proposed construction activity (i.e. Peak activity); **green** = clearly audible, **orange** = moderately intrusive, **red** = highly intrusive (as per **Table 5-1**)
2. Counts include all receiver types (i.e. residential, commercial, industrial and other sensitive receivers)
3. Highly Noise Affected, where predicted construction noise impact is more than 75dB(A) for residential receivers only, in accordance with the CNVG and ICNG
4. Sleep disturbance screening level = RBL + 15dB(A) for residential receivers only.

Table C-13 Number of receivers highly noise affected, exceeding NML and sleep disturbance – NCA03

ID	Scenario	Activity	Number of receivers[1, 2]																				
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																	
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
1	Pre-construction and site establishment	Peak impact	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Ancillary facility – establishment	Peak impact	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Ancillary facility – operation	Peak impact	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4A	Batch plant operation (concrete batch plant)	Peak impact	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4B	Batch plant operation (asphalt batch plant)	Peak impact	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Clearing, grubbing, and demolition	Peak impact	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Utility works	Peak impact	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ID	Scenario	Activity	Number of receivers[1, 2]																				
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																	
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
7	Bulk earthworks – cuttings	Peak impact	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Bulk earthworks – fill	Peak impact	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Concrete pavement (including pavement drainage)	Peak impact	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Asphalt pavement (including pavement drainage)	Peak impact	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Bridge and viaduct superstructure	Peak impact	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Piling for bridges and bridge approaches	Peak impact	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Roadside furniture and finishing work	Peak impact	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ID	Scenario	Activity	Number of receivers[1, 2]																				
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																	
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
15	Traffic management and control	Peak impact	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	Landscaping	Peak impact	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Cross drainage	Peak impact	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
1. Cell shading indicates highest predicted exceedance of NML for worst-case proposed construction activity (i.e. Peak activity); **green** = clearly audible, **orange** = moderately intrusive, **red** = highly intrusive (as per **Table 5-1**)
2. Counts include all receiver types (i.e. residential, commercial, industrial and other sensitive receivers)
3. Highly Noise Affected, where predicted construction noise impact is more than 75dB(A) for residential receivers only, in accordance with the CNVG and ICNG
4. Sleep disturbance screening level = RBL + 15dB(A) for residential receivers only.

Table C-14 Number of receivers highly noise affected, exceeding NML and sleep disturbance – NCA04A

ID	Scenario	Activity	Number of receivers[1, 2]																			
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
1	Pre-construction and site establishment	Peak impact	432	14	-	69	10	-	70	10	-	70	10	-	111	14	2	-	-	-	-	-	-
		Typical impact	432	2	-	14	2	-	14	2	-	14	2	-	32	2	-	-	-	-	-	-	-
2	Ancillary facility – establishment	Peak impact	432	2	-	10	2	-	11	2	-	11	2	-	20	3	-	-	-	-	-	-	-
		Typical impact	432	-	-	2	-	-	3	-	-	3	-	-	6	-	-	-	-	-	-	-	-
3	Ancillary facility – operation	Peak impact	432	-	18	3	-	-	3	-	-	3	-	-	6	-	-	6	-	-	23	3	-
		Typical impact	432	-	18	2	-	-	2	-	-	2	-	-	3	-	-	3	-	-	17	2	-
4A	Batch plant operation (concrete batch plant)	Peak impact	432	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	432	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4B	Batch plant operation (asphalt batch plant)	Peak impact	432	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	432	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Clearing, grubbing, and demolition	Peak impact	432	21	-	86	12	2	100	11	2	100	11	2	135	28	2	-	-	-	-	-	-
		Typical impact	432	13	-	66	10	-	68	10	-	68	10	-	109	13	2	-	-	-	-	-	-
6	Utility works	Peak impact	432	15	207	73	10	1	79	10	1	79	10	1	116	18	2	116	18	2	223	75	13
		Typical impact	432	13	207	67	10	-	69	10	-	69	10	-	110	13	2	110	13	2	211	66	11

ID	Scenario	Activity	Number of receivers[1, 2]																				
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																	
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
7	Bulk earthworks – cuttings	Peak impact	432	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
		Typical impact	432	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Bulk earthworks – fill	Peak impact	432	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	432	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Concrete pavement (including pavement drainage)	Peak impact	432	-	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	150	-	-
		Typical impact	432	-	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	-	-
11	Asphalt pavement (including pavement drainage)	Peak impact	432	-	35	-	-	-	-	-	-	-	-	-	4	-	-	4	-	-	51	-	-
		Typical impact	432	-	35	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	31	-	-
12	Bridge and viaduct superstructure	Peak impact	432	8	97	39	4	-	47	4	-	47	4	-	70	10	-	70	10	-	176	43	7
		Typical impact	432	4	97	25	2	-	29	2	-	29	2	-	49	4	-	49	4	-	135	29	2
13	Piling for bridges and bridge approaches	Peak impact	432	21	-	88	12	2	103	11	2	103	11	2	129	29	2	-	-	-	-	-	-
		Typical impact	432	5	-	32	3	-	36	3	-	36	3	-	57	8	-	-	-	-	-	-	-
14	Roadside furniture and finishing work	Peak impact	432	7	94	33	4	-	44	4	-	44	4	-	62	10	-	62	10	-	161	43	4
		Typical impact	432	2	94	10	1	-	12	1	-	12	1	-	25	2	-	25	2	-	94	11	2

ID	Scenario	Activity	Number of receivers[1, 2]																			
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
15	Traffic management and control	Peak impact	432	-	94	2	-	-	3	-	-	3	-	-	7	-	-	7	-	-	36	3	-
		Typical impact	432	-	94	2	-	-	3	-	-	3	-	-	7	-	-	7	-	-	36	3	-
16	Landscaping	Peak impact	432	5	-	31	3	-	38	3	-	38	3	-	58	8	-	-	-	-	-	-	-
		Typical impact	432	2	-	11	-	-	13	-	-	13	-	-	25	2	-	-	-	-	-	-	-
17	Cross drainage	Peak impact	432	4	94	30	2	-	32	2	-	32	2	-	53	7	-	53	7	-	145	30	4
		Typical impact	432	3	94	20	2	-	28	2	-	28	2	-	46	4	-	46	4	-	130	28	2

Notes:
1. Cell shading indicates highest predicted exceedance of NML for worst-case proposed construction activity (i.e. Peak activity); **green** = clearly audible, **orange** = moderately intrusive, **red** = highly intrusive (as per **Table 5-1**)
2. Counts include all receiver types (i.e. residential, commercial, industrial and other sensitive receivers)
3. Highly Noise Affected, where predicted construction noise impact is more than 75dB(A) for residential receivers only, in accordance with the CNVG and ICNG
4. Sleep disturbance screening level = RBL + 15dB(A) for residential receivers only.

Table C-15 Number of receivers highly noise affected, exceeding NML and sleep disturbance – NCA04B

ID	Scenario	Activity	Number of receivers[1, 2]																			
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
1	Pre-construction and site establishment	Peak impact	701	-	-	16	-	-	41	-	-	41	-	-	124	-	-	-	-	-	-	-	-
		Typical impact	701	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
2	Ancillary facility – establishment	Peak impact	701	-	-	21	-	-	28	-	-	28	-	-	84	-	-	-	-	-	-	-	-
		Typical impact	701	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-
3	Ancillary facility – operation	Peak impact	701	-	38	-	-	-	1	-	-	1	-	-	6	-	-	6	-	-	113	1	-
		Typical impact	701	-	38	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	56	-	-
4A	Batch plant operation (concrete batch plant)	Peak impact	701	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	701	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4B	Batch plant operation (asphalt batch plant)	Peak impact	701	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	701	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Clearing, grubbing, and demolition	Peak impact	701	-	-	58	-	-	81	-	-	81	-	-	205	-	-	-	-	-	-	-	-
		Typical impact	701	-	-	11	-	-	31	-	-	31	-	-	112	-	-	-	-	-	-	-	-
6	Utility works	Peak impact	701	-	333	31	-	-	52	-	-	52	-	-	144	-	-	144	-	-	525	55	-
		Typical impact	701	-	333	15	-	-	37	-	-	37	-	-	119	-	-	119	-	-	508	37	-

ID	Scenario	Activity	Number of receivers[1, 2]																			
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
7	Bulk earthworks – cuttings	Peak impact	701	-	-	1	-	-	2	-	-	2	-	-	22	-	-	-	-	-	-	-	-
		Typical impact	701	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
9	Bulk earthworks – fill	Peak impact	701	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
		Typical impact	701	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Concrete pavement (including pavement drainage)	Peak impact	701	-	138	-	-	-	3	-	-	3	-	-	61	-	-	61	-	-	352	3	-
		Typical impact	701	-	138	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	174	-	-
11	Asphalt pavement (including pavement drainage)	Peak impact	701	-	117	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	182	-	-
		Typical impact	701	-	117	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	98	-	-
12	Bridge and viaduct superstructure	Peak impact	701	-	66	1	-	-	2	-	-	2	-	-	36	-	-	36	-	-	380	2	-
		Typical impact	701	-	66	-	-	-	-	-	-	-	-	-	2	-	-	2	-	-	233	-	-
13	Piling for bridges and bridge approaches	Peak impact	701	-	-	58	-	-	82	-	-	82	-	-	205	-	-	-	-	-	-	-	-
		Typical impact	701	-	-	-	-	-	1	-	-	1	-	-	13	-	-	-	-	-	-	-	-
14	Roadside furniture and finishing work	Peak impact	701	-	67	1	-	-	1	-	-	1	-	-	16	-	-	16	-	-	332	1	-
		Typical impact	701	-	67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	77	-	-

ID	Scenario	Activity	Number of receivers[1, 2]																				
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																	
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
15	Traffic management and control	Peak impact	701	-	67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
		Typical impact	701	-	67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
16	Landscaping	Peak impact	701	-	-	-	-	-	1	-	-	1	-	-	11	-	-	-	-	-	-	-	-
		Typical impact	701	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Cross drainage	Peak impact	701	-	67	-	-	-	1	-	-	1	-	-	5	-	-	5	-	-	275	1	-
		Typical impact	701	-	67	-	-	-	-	-	-	-	-	-	2	-	-	2	-	-	205	-	-

Notes:
1. Cell shading indicates highest predicted exceedance of NML for worst-case proposed construction activity (i.e. Peak activity); **green** = clearly audible, **orange** = moderately intrusive, **red** = highly intrusive (as per **Table 5-1**)
2. Counts include all receiver types (i.e. residential, commercial, industrial and other sensitive receivers)
3. Highly Noise Affected, where predicted construction noise impact is more than 75dB(A) for residential receivers only, in accordance with the CNVG and ICNG
4. Sleep disturbance screening level = RBL + 15dB(A) for residential receivers only.

Table C-16 Number of receivers highly noise affected, exceeding NML and sleep disturbance – NCA05A

ID	Scenario	Activity	Number of receivers[1, 2]																			
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
1	Pre-construction and site establishment	Peak impact	36	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-	-	-	-	-	-
		Typical impact	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Ancillary facility – establishment	Peak impact	36	-	-	2	-	-	4	-	-	4	-	-	9	-	-	-	-	-	-	-	-
		Typical impact	36	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
3	Ancillary facility – operation	Peak impact	36	-	4	-	-	-	-	-	-	-	-	-	3	-	-	3	-	-	11	-	-
		Typical impact	36	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-
4A	Batch plant operation (concrete batch plant)	Peak impact	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4B	Batch plant operation (asphalt batch plant)	Peak impact	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Clearing, grubbing, and demolition	Peak impact	36	-	-	-	-	-	1	-	-	1	-	-	14	-	-	-	-	-	-	-	-
		Typical impact	36	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-	-	-	-	-	-
6	Utility works	Peak impact	36	-	21	-	-	-	-	-	-	-	-	-	13	-	-	13	-	-	24	6	-
		Typical impact	36	-	21	-	-	-	-	-	-	-	-	-	12	-	-	12	-	-	29	1	-

ID	Scenario	Activity	Number of receivers[1, 2]																				
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																	
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
7	Bulk earthworks – cuttings	Peak impact	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Bulk earthworks – fill	Peak impact	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Concrete pavement (including pavement drainage)	Peak impact	36	-	3	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	16	-	-
		Typical impact	36	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-
11	Asphalt pavement (including pavement drainage)	Peak impact	36	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-
		Typical impact	36	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
12	Bridge and viaduct superstructure	Peak impact	36	-	6	-	-	-	-	-	-	-	-	-	6	-	-	6	-	-	24	-	-
		Typical impact	36	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-
13	Piling for bridges and bridge approaches	Peak impact	36	-	-	-	-	-	1	-	-	1	-	-	14	-	-	-	-	-	-	-	-
		Typical impact	36	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
14	Roadside furniture and finishing work	Peak impact	36	-	6	-	-	-	-	-	-	-	-	-	2	-	-	2	-	-	21	-	-
		Typical impact	36	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-

ID	Scenario	Activity	Number of receivers[1, 2]																				
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																	
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
15	Traffic management and control	Peak impact	36	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	36	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	Landscaping	Peak impact	36	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
		Typical impact	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Cross drainage	Peak impact	36	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-
		Typical impact	36	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-

Notes:
1. Cell shading indicates highest predicted exceedance of NML for worst-case proposed construction activity (i.e. Peak activity); **green** = clearly audible, **orange** = moderately intrusive, **red** = highly intrusive (as per **Table 5-1**)
2. Counts include all receiver types (i.e. residential, commercial, industrial and other sensitive receivers)
3. Highly Noise Affected, where predicted construction noise impact is more than 75dB(A) for residential receivers only, in accordance with the CNVG and ICNG
4. Sleep disturbance screening level = RBL + 15dB(A) for residential receivers only.

Table C-17 Number of receivers highly noise affected, exceeding NML and sleep disturbance – NCA05B

ID	Scenario	Activity	Number of receivers[1, 2]																				
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																	
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
1	Pre-construction and site establishment	Peak impact	988	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-
		Typical impact	988	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Ancillary facility – establishment	Peak impact	988	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	988	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Ancillary facility – operation	Peak impact	988	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-
		Typical impact	988	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4A	Batch plant operation (concrete batch plant)	Peak impact	988	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	988	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4B	Batch plant operation (asphalt batch plant)	Peak impact	988	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	988	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Clearing, grubbing, and demolition	Peak impact	988	-	-	-	-	-	-	-	-	-	-	-	19	-	-	-	-	-	-	-	-
		Typical impact	988	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-
6	Utility works	Peak impact	988	-	40	-	-	-	-	-	-	-	-	-	8	-	-	8	-	-	379	-	-
		Typical impact	988	-	40	-	-	-	-	-	-	-	-	-	4	-	-	4	-	-	278	-	-

ID	Scenario	Activity	Number of receivers[1, 2]																				
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																	
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
7	Bulk earthworks – cuttings	Peak impact	988	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-
		Typical impact	988	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Bulk earthworks – fill	Peak impact	988	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	988	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Concrete pavement (including pavement drainage)	Peak impact	988	-	16	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	228	-	-
		Typical impact	988	-	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	-	-
11	Asphalt pavement (including pavement drainage)	Peak impact	988	-	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43	-	-
		Typical impact	988	-	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-
12	Bridge and viaduct superstructure	Peak impact	988	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	74	-	-
		Typical impact	988	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-
13	Piling for bridges and bridge approaches	Peak impact	988	-	-	-	-	-	-	-	-	-	-	-	19	-	-	-	-	-	-	-	-
		Typical impact	988	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Roadside furniture and finishing work	Peak impact	988	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40	-	-
		Typical impact	988	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-

ID	Scenario	Activity	Number of receivers[1, 2]																				
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																	
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
15	Traffic management and control	Peak impact	988	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	988	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	Landscaping	Peak impact	988	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	988	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Cross drainage	Peak impact	988	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23	-	-
		Typical impact	988	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	-	-

Notes:
1. Cell shading indicates highest predicted exceedance of NML for worst-case proposed construction activity (i.e. Peak activity); **green** = clearly audible, **orange** = moderately intrusive, **red** = highly intrusive (as per **Table 5-1**)
2. Counts include all receiver types (i.e. residential, commercial, industrial and other sensitive receivers)
3. Highly Noise Affected, where predicted construction noise impact is more than 75dB(A) for residential receivers only, in accordance with the CNVG and ICNG
4. Sleep disturbance screening level = RBL + 15dB(A) for residential receivers only.

Table C-18 Number of receivers highly noise affected, exceeding NML and sleep disturbance – NCA06

ID	Scenario	Activity	Number of receivers[1, 2]																				
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																	
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
1	Pre-construction and site establishment	Peak impact	1197	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	1197	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Ancillary facility – establishment	Peak impact	1197	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	1197	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Ancillary facility – operation	Peak impact	1197	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	1197	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4A	Batch plant operation (concrete batch plant)	Peak impact	1197	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	1197	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4B	Batch plant operation (asphalt batch plant)	Peak impact	1197	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	1197	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Clearing, grubbing, and demolition	Peak impact	1197	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	1197	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Utility works	Peak impact	1197	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	1197	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ID	Scenario	Activity	Number of receivers[1, 2]																				
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																	
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
7	Bulk earthworks – cuttings	Peak impact	1197	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	1197	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Bulk earthworks – fill	Peak impact	1197	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	1197	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Concrete pavement (including pavement drainage)	Peak impact	1197	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	1197	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Asphalt pavement (including pavement drainage)	Peak impact	1197	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	1197	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Bridge and viaduct superstructure	Peak impact	1197	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	1197	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Piling for bridges and bridge approaches	Peak impact	1197	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	1197	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Roadside furniture and finishing work	Peak impact	1197	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	1197	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ID	Scenario	Activity	Number of receivers[1, 2]																				
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																	
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
15	Traffic management and control	Peak impact	1197	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	1197	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	Landscaping	Peak impact	1197	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	1197	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Cross drainage	Peak impact	1197	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	1197	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
1. Cell shading indicates highest predicted exceedance of NML for worst-case proposed construction activity (i.e. Peak activity); **green** = clearly audible, **orange** = moderately intrusive, **red** = highly intrusive (as per **Table 5-1**)
2. Counts include all receiver types (i.e. residential, commercial, industrial and other sensitive receivers)
3. Highly Noise Affected, where predicted construction noise impact is more than 75dB(A) for residential receivers only, in accordance with the CNVG and ICNG
4. Sleep disturbance screening level = RBL + 15dB(A) for residential receivers only.

Table C-19 Number of receivers highly noise affected, exceeding NML and sleep disturbance – NCA07

ID	Scenario	Activity	Number of receivers[1, 2]																			
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
1	Pre-construction and site establishment	Peak impact	2	-	-	1	-	-	1	-	-	1	-	-	1	-	-	-	-	-	-	-	-
		Typical impact	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Ancillary facility – establishment	Peak impact	2	-	-	1	-	-	1	-	-	1	-	-	-	1	-	-	-	-	-	-	-
		Typical impact	2	-	-	1	-	-	1	-	-	1	-	-	1	-	-	-	-	-	-	-	-
3	Ancillary facility – operation	Peak impact	2	-	1	1	-	-	1	-	-	1	-	-	1	-	-	1	-	-	1	-	-
		Typical impact	2	-	1	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	1	-	-
4A	Batch plant operation (concrete batch plant)	Peak impact	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4B	Batch plant operation (asphalt batch plant)	Peak impact	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Clearing, grubbing, and demolition	Peak impact	2	-	-	1	-	-	1	-	-	1	-	-	1	-	-	-	-	-	-	-	-
		Typical impact	2	-	-	1	-	-	1	-	-	1	-	-	1	-	-	-	-	-	-	-	-
6	Utility works	Peak impact	2	-	1	1	-	-	1	-	-	1	-	-	1	-	-	1	-	-	2	-	-
		Typical impact	2	-	1	1	-	-	1	-	-	1	-	-	1	-	-	1	-	-	2	-	-

ID	Scenario	Activity	Number of receivers[1, 2]																				
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																	
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
7	Bulk earthworks – cuttings	Peak impact	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Bulk earthworks – fill	Peak impact	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Concrete pavement (including pavement drainage)	Peak impact	2	-	1	1	-	-	1	-	-	1	-	-	1	-	-	1	-	-	1	-	-
		Typical impact	2	-	1	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	1	-	-
11	Asphalt pavement (including pavement drainage)	Peak impact	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Bridge and viaduct superstructure	Peak impact	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Piling for bridges and bridge approaches	Peak impact	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Roadside furniture and finishing work	Peak impact	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
		Typical impact	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ID	Scenario	Activity	Number of receivers[1, 2]																				
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																	
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
15	Traffic management and control	Peak impact	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	Landscaping	Peak impact	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Cross drainage	Peak impact	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
		Typical impact	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-

Notes:
1. Cell shading indicates highest predicted exceedance of NML for worst-case proposed construction activity (i.e. Peak activity); **green** = clearly audible, **orange** = moderately intrusive, **red** = highly intrusive (as per **Table 5-1**)
2. Counts include all receiver types (i.e. residential, commercial, industrial and other sensitive receivers)
3. Highly Noise Affected, where predicted construction noise impact is more than 75dB(A) for residential receivers only, in accordance with the CNVG and ICNG
4. Sleep disturbance screening level = RBL + 15dB(A) for residential receivers only.

Table C-20 Number of receivers highly noise affected, exceeding NML and sleep disturbance – NCA08

ID	Scenario	Activity	Number of receivers[1, 2]																			
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
1	Pre-construction and site establishment	Peak impact	92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Ancillary facility – establishment	Peak impact	92	-	-	-	3	-	-	3	-	-	3	-	-	3	-	-	-	-	-	-
		Typical impact	92	-	-	-	3	-	-	3	-	-	3	-	-	3	-	-	-	-	-	-
3	Ancillary facility – operation	Peak impact	92	-	3	-	3	-	-	3	-	-	3	-	-	3	-	-	3	-	-	3	-
		Typical impact	92	-	3	2	1	-	2	1	-	2	1	-	2	1	-	2	1	-	2	1	-
4A	Batch plant operation (concrete batch plant)	Peak impact	92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4B	Batch plant operation (asphalt batch plant)	Peak impact	92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Clearing, grubbing, and demolition	Peak impact	92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Utility works	Peak impact	92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ID	Scenario	Activity	Number of receivers[1, 2]																				
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																	
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
7	Bulk earthworks – cuttings	Peak impact	92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Bulk earthworks – fill	Peak impact	92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Concrete pavement (including pavement drainage)	Peak impact	92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Asphalt pavement (including pavement drainage)	Peak impact	92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Bridge and viaduct superstructure	Peak impact	92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Piling for bridges and bridge approaches	Peak impact	92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Roadside furniture and finishing work	Peak impact	92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ID	Scenario	Activity	Number of receivers[1, 2]																				
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																	
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
15	Traffic management and control	Peak impact	92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	Landscaping	Peak impact	92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Cross drainage	Peak impact	92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
1. Cell shading indicates highest predicted exceedance of NML for worst-case proposed construction activity (i.e. Peak activity); **green** = clearly audible, **orange** = moderately intrusive, **red** = highly intrusive (as per **Table 5-1**)
2. Counts include all receiver types (i.e. residential, commercial, industrial and other sensitive receivers)
3. Highly Noise Affected, where predicted construction noise impact is more than 75dB(A) for residential receivers only, in accordance with the CNVG and ICNG
4. Sleep disturbance screening level = RBL + 15dB(A) for residential receivers only.

Table C-21 Number of receivers highly noise affected, exceeding NML and sleep disturbance – NCA09

ID	Scenario	Activity	Number of receivers[1, 2]																			
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
1	Pre-construction and site establishment	Peak impact	134	-	-	1	-	-	1	-	-	1	-	-	1	-	-	-	-	-	-	-	-
		Typical impact	134	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Ancillary facility – establishment	Peak impact	134	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	134	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Ancillary facility – operation	Peak impact	134	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	134	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4A	Batch plant operation (concrete batch plant)	Peak impact	134	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	134	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4B	Batch plant operation (asphalt batch plant)	Peak impact	134	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	134	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Clearing, grubbing, and demolition	Peak impact	134	-	-	1	-	-	1	-	-	1	-	-	1	-	-	-	-	-	-	-	-
		Typical impact	134	-	-	1	-	-	1	-	-	1	-	-	1	-	-	-	-	-	-	-	-
6	Utility works	Peak impact	134	-	1	1	-	-	1	-	-	1	-	-	1	-	-	1	-	-	-	1	-
		Typical impact	134	-	1	1	-	-	1	-	-	1	-	-	1	-	-	1	-	-	-	1	-

ID	Scenario	Activity	Number of receivers[1, 2]																				
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																	
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
7	Bulk earthworks – cuttings	Peak impact	134	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	134	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Bulk earthworks – fill	Peak impact	134	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	134	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Concrete pavement (including pavement drainage)	Peak impact	134	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	134	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Asphalt pavement (including pavement drainage)	Peak impact	134	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	134	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Bridge and viaduct superstructure	Peak impact	134	-	1	1	-	-	1	-	-	1	-	-	1	-	-	1	-	-	1	-	-
		Typical impact	134	-	1	-	-	-	1	-	-	1	-	-	1	-	-	1	-	-	1	-	-
13	Piling for bridges and bridge approaches	Peak impact	134	-	-	1	-	-	1	-	-	1	-	-	1	-	-	-	-	-	-	-	-
		Typical impact	134	-	-	1	-	-	1	-	-	1	-	-	1	-	-	-	-	-	-	-	-
14	Roadside furniture and finishing work	Peak impact	134	-	1	1	-	-	1	-	-	1	-	-	1	-	-	1	-	-	1	-	-
		Typical impact	134	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-

ID	Scenario	Activity	Number of receivers[1, 2]																				
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																	
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
15	Traffic management and control	Peak impact	134	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	134	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	Landscaping	Peak impact	134	-	-	1	-	-	1	-	-	1	-	-	1	-	-	-	-	-	-	-	-
		Typical impact	134	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Cross drainage	Peak impact	134	-	1	-	-	-	1	-	-	1	-	-	1	-	-	1	-	-	1	-	-
		Typical impact	134	-	1	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	1	-	-

Notes:
1. Cell shading indicates highest predicted exceedance of NML for worst-case proposed construction activity (i.e. Peak activity); **green** = clearly audible, **orange** = moderately intrusive, **red** = highly intrusive (as per **Table 5-1**)
2. Counts include all receiver types (i.e. residential, commercial, industrial and other sensitive receivers)
3. Highly Noise Affected, where predicted construction noise impact is more than 75dB(A) for residential receivers only, in accordance with the CNVG and ICNG
4. Sleep disturbance screening level = RBL + 15dB(A) for residential receivers only.

Table C-22 Number of receivers highly noise affected, exceeding NML and sleep disturbance – NCA10

ID	Scenario	Activity	Number of receivers[1, 2]																			
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
1	Pre-construction and site establishment	Peak impact	279	-	-	-	-	1	-	1	-	-	1	-	-	1	-	-	-	-	-	-	-
		Typical impact	279	-	-	-	1	-	1	-	-	1	-	-	1	-	-	-	-	-	-	-	-
2	Ancillary facility – establishment	Peak impact	279	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	279	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Ancillary facility – operation	Peak impact	279	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	279	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4A	Batch plant operation (concrete batch plant)	Peak impact	279	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	279	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4B	Batch plant operation (asphalt batch plant)	Peak impact	279	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	279	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Clearing, grubbing, and demolition	Peak impact	279	-	-	2	-	1	-	1	-	-	1	-	-	1	-	-	-	-	-	-	-
		Typical impact	279	-	-	-	-	1	-	1	-	-	1	-	-	1	-	-	-	-	-	-	-
6	Utility works	Peak impact	279	-	-	-	-	1	-	1	-	-	1	-	-	1	-	-	1	-	-	1	-
		Typical impact	279	-	-	-	-	1	-	1	-	-	1	-	-	1	-	-	1	-	-	1	-

ID	Scenario	Activity	Number of receivers[1, 2]																				
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																	
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
7	Bulk earthworks – cuttings	Peak impact	279	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	279	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Bulk earthworks – fill	Peak impact	279	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	279	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Concrete pavement (including pavement drainage)	Peak impact	279	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	279	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Asphalt pavement (including pavement drainage)	Peak impact	279	-	-	-	1	-	1	-	-	1	-	-	1	-	-	1	-	-	1	-	-
		Typical impact	279	-	-	-	1	-	1	-	-	1	-	-	1	-	-	1	-	-	1	-	-
12	Bridge and viaduct superstructure	Peak impact	279	-	-	-	1	-	-	1	-	-	1	-	-	1	-	-	1	-	-	1	-
		Typical impact	279	-	-	-	1	-	1	-	-	1	-	-	1	-	-	1	-	-	1	-	-
13	Piling for bridges and bridge approaches	Peak impact	279	-	-	2	-	1	-	1	-	-	1	-	-	1	-	-	-	-	-	-	-
		Typical impact	279	-	-	-	1	-	-	1	-	-	1	-	-	1	-	-	-	-	-	-	-
14	Roadside furniture and finishing work	Peak impact	279	-	-	-	1	-	-	1	-	-	1	-	-	1	-	-	1	-	-	1	-
		Typical impact	279	-	-	-	1	-	1	-	-	1	-	-	1	-	-	1	-	-	1	-	-

ID	Scenario	Activity	Number of receivers[1, 2]																			
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
15	Traffic management and control	Peak impact	279	-	-	1	-	-	1	-	-	1	-	-	1	-	-	1	-	-	1	-	-
		Typical impact	279	-	-	1	-	-	1	-	-	1	-	-	1	-	-	1	-	-	1	-	-
16	Landscaping	Peak impact	279	-	-	-	1	-	-	1	-	-	1	-	-	1	-	-	-	-	-	-	-
		Typical impact	279	-	-	-	1	-	1	-	-	1	-	-	1	-	-	-	-	-	-	-	-
17	Cross drainage	Peak impact	279	-	-	-	1	-	-	1	-	-	1	-	-	1	-	-	1	-	-	1	-
		Typical impact	279	-	-	-	1	-	-	1	-	-	1	-	-	1	-	-	1	-	-	1	-

Notes:
1. Cell shading indicates highest predicted exceedance of NML for worst-case proposed construction activity (i.e. Peak activity); **green** = clearly audible, **orange** = moderately intrusive, **red** = highly intrusive (as per **Table 5-1**)
2. Counts include all receiver types (i.e. residential, commercial, industrial and other sensitive receivers)
3. Highly Noise Affected, where predicted construction noise impact is more than 75dB(A) for residential receivers only, in accordance with the CNVG and ICNG
4. Sleep disturbance screening level = RBL + 15dB(A) for residential receivers only.

Table C-23 Number of receivers highly noise affected, exceeding NML and sleep disturbance – NCA11

ID	Scenario	Activity	Number of receivers[1, 2]																			
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
1	Pre-construction and site establishment	Peak impact	8	-	-	-	1	-	1	-	-	1	-	-	1	-	-	-	-	-	-	-	-
		Typical impact	8	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Ancillary facility – establishment	Peak impact	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Ancillary facility – operation	Peak impact	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4A	Batch plant operation (concrete batch plant)	Peak impact	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4B	Batch plant operation (asphalt batch plant)	Peak impact	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Clearing, grubbing, and demolition	Peak impact	8	-	-	-	1	-	1	-	-	1	-	-	1	-	-	-	-	-	-	-	-
		Typical impact	8	-	-	-	1	-	1	-	-	1	-	-	1	-	-	-	-	-	-	-	-
6	Utility works	Peak impact	8	-	-	-	1	-	1	-	-	1	-	-	1	-	-	1	-	-	1	-	-
		Typical impact	8	-	-	-	1	-	1	-	-	1	-	-	1	-	-	1	-	-	1	-	-

ID	Scenario	Activity	Number of receivers[1, 2]																				
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																	
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
7	Bulk earthworks – cuttings	Peak impact	8	-	-	-	1	-	1	-	-	1	-	-	1	-	-	-	-	-	-	-	-
		Typical impact	8	-	-	1	-	-	1	-	-	1	-	-	1	-	-	-	-	-	-	-	-
9	Bulk earthworks – fill	Peak impact	8	-	-	1	-	-	1	-	-	1	-	-	1	-	-	-	-	-	-	-	-
		Typical impact	8	-	-	1	-	-	1	-	-	1	-	-	1	-	-	-	-	-	-	-	-
10	Concrete pavement (including pavement drainage)	Peak impact	8	-	-	-	-	1	-	-	1	-	-	1	-	-	1	-	-	1	-	-	1
		Typical impact	8	-	-	-	-	1	-	1	-	-	1	-	-	1	-	-	1	-	-	1	-
11	Asphalt pavement (including pavement drainage)	Peak impact	8	-	-	-	1	-	-	1	-	-	1	-	-	1	-	-	1	-	-	1	-
		Typical impact	8	-	-	-	1	-	-	1	-	-	1	-	-	1	-	-	1	-	-	1	-
12	Bridge and viaduct superstructure	Peak impact	8	-	-	1	-	-	1	-	-	1	-	-	1	-	-	1	-	-	1	-	-
		Typical impact	8	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Piling for bridges and bridge approaches	Peak impact	8	-	-	1	-	-	1	-	-	1	-	-	1	-	-	-	-	-	-	-	-
		Typical impact	8	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Roadside furniture and finishing work	Peak impact	8	-	-	1	-	-	1	-	-	1	-	-	1	-	-	1	-	-	1	-	-
		Typical impact	8	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ID	Scenario	Activity	Number of receivers[1, 2]																				
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																	
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
15	Traffic management and control	Peak impact	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	Landscaping	Peak impact	8	-	-	1	-	-	1	-	-	1	-	-	1	-	-	-	-	-	-	-	-
		Typical impact	8	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Cross drainage	Peak impact	8	-	-	1	-	-	1	-	-	1	-	-	1	-	-	1	-	-	1	-	-
		Typical impact	8	-	-	1	-	-	1	-	-	1	-	-	1	-	-	1	-	-	1	-	-

Notes:
1. Cell shading indicates highest predicted exceedance of NML for worst-case proposed construction activity (i.e. Peak activity); **green** = clearly audible, **orange** = moderately intrusive, **red** = highly intrusive (as per **Table 5-1**)
2. Counts include all receiver types (i.e. residential, commercial, industrial and other sensitive receivers)
3. Highly Noise Affected, where predicted construction noise impact is more than 75dB(A) for residential receivers only, in accordance with the CNVG and ICNG
4. Sleep disturbance screening level = RBL + 15dB(A) for residential receivers only.

Table C-24 Number of receivers highly noise affected, exceeding NML and sleep disturbance – NCA12

ID	Scenario	Activity	Number of receivers[1, 2]																			
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
1	Pre-construction and site establishment	Peak impact	232	-	-	5	2	-	6	-	-	6	-	-	6	-	-	-	-	-	-	-	-
		Typical impact	232	-	-	4	-	-	1	-	-	1	-	-	1	-	-	-	-	-	-	-	-
2	Ancillary facility – establishment	Peak impact	232	-	-	6	4	3	6	3	2	6	3	2	6	3	2	-	-	-	-	-	-
		Typical impact	232	-	-	5	1	2	4	3	-	4	3	-	4	3	-	-	-	-	-	-	-
3	Ancillary facility – operation	Peak impact	232	-	-	7	1	2	4	2	1	4	2	1	4	2	1	4	2	1	4	2	1
		Typical impact	232	-	-	5	1	2	5	2	-	5	2	-	5	2	-	5	2	-	5	2	-
4A	Batch plant operation (concrete batch plant)	Peak impact	232	-	-	4	-	-	3	-	-	3	-	-	3	-	-	-	-	-	-	-	-
		Typical impact	232	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4B	Batch plant operation (asphalt batch plant)	Peak impact	232	-	-	5	-	-	4	-	-	4	-	-	4	-	-	-	-	-	-	-	-
		Typical impact	232	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Clearing, grubbing, and demolition	Peak impact	232	-	-	5	4	-	5	1	-	5	1	-	5	1	-	-	-	-	-	-	-
		Typical impact	232	-	-	5	2	-	6	-	-	6	-	-	6	-	-	-	-	-	-	-	-
6	Utility works	Peak impact	232	-	-	5	3	-	5	1	-	5	1	-	5	1	-	5	1	-	5	1	-
		Typical impact	232	-	-	5	2	-	6	-	-	6	-	-	6	-	-	6	-	-	6	-	-

ID	Scenario	Activity	Number of receivers[1, 2]																				
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																	
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
7	Bulk earthworks – cuttings	Peak impact	232	-	-	5	4	-	5	1	-	5	1	-	5	1	-	-	-	-	-	-	-
		Typical impact	232	-	-	5	1	-	6	-	-	6	-	-	6	-	-	-	-	-	-	-	-
9	Bulk earthworks – fill	Peak impact	232	-	-	5	1	-	6	-	-	6	-	-	6	-	-	-	-	-	-	-	-
		Typical impact	232	-	-	6	-	-	4	-	-	4	-	-	4	-	-	-	-	-	-	-	-
10	Concrete pavement (including pavement drainage)	Peak impact	232	-	-	5	4	-	5	1	-	5	1	-	5	1	-	5	1	-	5	1	-
		Typical impact	232	-	-	5	1	-	6	-	-	6	-	-	6	-	-	6	-	-	6	-	-
11	Asphalt pavement (including pavement drainage)	Peak impact	232	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	232	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Bridge and viaduct superstructure	Peak impact	232	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	232	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Piling for bridges and bridge approaches	Peak impact	232	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	232	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Roadside furniture and finishing work	Peak impact	232	-	-	5	1	-	4	-	-	4	-	-	4	-	-	4	-	-	4	-	-
		Typical impact	232	-	-	3	-	-	1	-	-	1	-	-	1	-	-	1	-	-	1	-	-

ID	Scenario	Activity	Number of receivers[1, 2]																				
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																	
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
15	Traffic management and control	Peak impact	232	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	232	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	Landscaping	Peak impact	232	-	-	5	1	-	4	-	-	4	-	-	4	-	-	-	-	-	-	-	-
		Typical impact	232	-	-	2	-	-	1	-	-	1	-	-	1	-	-	-	-	-	-	-	-
17	Cross drainage	Peak impact	232	-	-	6	-	-	3	-	-	3	-	-	3	-	-	3	-	-	3	-	-
		Typical impact	232	-	-	6	-	-	2	-	-	2	-	-	2	-	-	2	-	-	2	-	-

Notes:
1. Cell shading indicates highest predicted exceedance of NML for worst-case proposed construction activity (i.e. Peak activity); **green** = clearly audible, **orange** = moderately intrusive, **red** = highly intrusive (as per **Table 5-1**)
2. Counts include all receiver types (i.e. residential, commercial, industrial and other sensitive receivers)
3. Highly Noise Affected, where predicted construction noise impact is more than 75dB(A) for residential receivers only, in accordance with the CNVG and ICNG
4. Sleep disturbance screening level = RBL + 15dB(A) for residential receivers only.

Table C-25 Number of receivers highly noise affected, exceeding NML and sleep disturbance – NCA13

ID	Scenario	Activity	Number of receivers[1, 2]																				
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																	
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
1	Pre-construction and site establishment	Peak impact	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Ancillary facility – establishment	Peak impact	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Ancillary facility – operation	Peak impact	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4A	Batch plant operation (concrete batch plant)	Peak impact	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4B	Batch plant operation (asphalt batch plant)	Peak impact	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Clearing, grubbing, and demolition	Peak impact	11	-	-	-	-	-	2	-	-	2	-	-	2	-	-	-	-	-	-	-	-
		Typical impact	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Utility works	Peak impact	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ID	Scenario	Activity	Number of receivers[1, 2]																				
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																	
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
7	Bulk earthworks – cuttings	Peak impact	11	-	-	-	-	-	2	-	-	2	-	-	2	-	-	-	-	-	-	-	-
		Typical impact	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Bulk earthworks – fill	Peak impact	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Concrete pavement (including pavement drainage)	Peak impact	11	-	-	-	-	-	1	-	-	1	-	-	1	-	-	1	-	-	1	-	-
		Typical impact	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Asphalt pavement (including pavement drainage)	Peak impact	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Bridge and viaduct superstructure	Peak impact	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Piling for bridges and bridge approaches	Peak impact	11	-	-	-	-	-	2	-	-	2	-	-	2	-	-	-	-	-	-	-	-
		Typical impact	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Roadside furniture and finishing work	Peak impact	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ID	Scenario	Activity	Number of receivers[1, 2]																				
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																	
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
15	Traffic management and control	Peak impact	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	Landscaping	Peak impact	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Cross drainage	Peak impact	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
1. Cell shading indicates highest predicted exceedance of NML for worst-case proposed construction activity (i.e. Peak activity); **green** = clearly audible, **orange** = moderately intrusive, **red** = highly intrusive (as per **Table 5-1**)
2. Counts include all receiver types (i.e. residential, commercial, industrial and other sensitive receivers)
3. Highly Noise Affected, where predicted construction noise impact is more than 75dB(A) for residential receivers only, in accordance with the CNVG and ICNG
4. Sleep disturbance screening level = RBL + 15dB(A) for residential receivers only.

Table C-26 Number of receivers highly noise affected, exceeding NML and sleep disturbance – NCA14A

ID	Scenario	Activity	Number of receivers[1, 2]																			
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
1	Pre-construction and site establishment	Peak impact	324	-	-	-	1	-	3	-	-	3	-	-	5	-	-	-	-	-	-	-	-
		Typical impact	324	-	-	1	-	-	1	-	-	1	-	-	1	-	-	-	-	-	-	-	-
2	Ancillary facility – establishment	Peak impact	324	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-	-	-	-	-	-
		Typical impact	324	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Ancillary facility – operation	Peak impact	324	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	-	-
		Typical impact	324	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-
4A	Batch plant operation (concrete batch plant)	Peak impact	324	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	324	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4B	Batch plant operation (asphalt batch plant)	Peak impact	324	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	324	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Clearing, grubbing, and demolition	Peak impact	324	-	-	4	1	-	5	-	-	5	-	-	6	-	-	-	-	-	-	-	-
		Typical impact	324	-	-	-	1	-	3	-	-	3	-	-	5	-	-	-	-	-	-	-	-
6	Utility works	Peak impact	324	-	8	2	1	-	4	-	-	4	-	-	5	-	-	5	-	-	47	4	-
		Typical impact	324	-	8	-	1	-	3	-	-	3	-	-	5	-	-	5	-	-	33	3	-

ID	Scenario	Activity	Number of receivers[1, 2]																				
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																	
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
7	Bulk earthworks – cuttings	Peak impact	324	-	-	4	1	-	5	-	-	5	-	-	6	-	-	-	-	-	-	-	-
		Typical impact	324	-	-	-	1	-	1	-	-	1	-	-	4	-	-	-	-	-	-	-	-
9	Bulk earthworks – fill	Peak impact	324	-	-	-	1	-	1	-	-	1	-	-	5	-	-	-	-	-	-	-	-
		Typical impact	324	-	-	1	-	-	1	-	-	1	-	-	3	-	-	-	-	-	-	-	-
10	Concrete pavement (including pavement drainage)	Peak impact	324	-	8	5	-	-	3	-	-	3	-	-	5	-	-	5	-	-	66	4	-
		Typical impact	324	-	8	-	-	-	-	-	-	-	-	-	3	-	-	3	-	-	9	-	-
11	Asphalt pavement (including pavement drainage)	Peak impact	324	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	324	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Bridge and viaduct superstructure	Peak impact	324	-	-	-	1	-	1	-	-	1	-	-	1	-	-	1	-	-	2	-	-
		Typical impact	324	-	-	1	-	-	1	-	-	1	-	-	1	-	-	1	-	-	1	-	-
13	Piling for bridges and bridge approaches	Peak impact	324	-	-	-	1	-	-	1	-	-	1	-	-	1	-	-	-	-	-	-	-
		Typical impact	324	-	-	1	-	-	1	-	-	1	-	-	1	-	-	-	-	-	-	-	-
14	Roadside furniture and finishing work	Peak impact	324	-	4	1	-	-	1	-	-	1	-	-	3	-	-	3	-	-	9	-	-
		Typical impact	324	-	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-

ID	Scenario	Activity	Number of receivers[1, 2]																				
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																	
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
15	Traffic management and control	Peak impact	324	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	324	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	Landscaping	Peak impact	324	-	-	1	-	-	1	-	-	1	-	-	3	-	-	-	-	-	-	-	-
		Typical impact	324	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Cross drainage	Peak impact	324	-	4	1	-	-	1	-	-	1	-	-	2	-	-	2	-	-	7	-	-
		Typical impact	324	-	4	1	-	-	1	-	-	1	-	-	1	-	-	1	-	-	6	-	-

Notes:
1. Cell shading indicates highest predicted exceedance of NML for worst-case proposed construction activity (i.e. Peak activity); **green** = clearly audible, **orange** = moderately intrusive, **red** = highly intrusive (as per **Table 5-1**)
2. Counts include all receiver types (i.e. residential, commercial, industrial and other sensitive receivers)
3. Highly Noise Affected, where predicted construction noise impact is more than 75dB(A) for residential receivers only, in accordance with the CNVG and ICNG
4. Sleep disturbance screening level = RBL + 15dB(A) for residential receivers only.

Table C-27 Number of receivers highly noise affected, exceeding NML and sleep disturbance – NCA14B

ID	Scenario	Activity	Number of receivers[1, 2]																			
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
1	Pre-construction and site establishment	Peak impact	812	-	-	2	-	-	2	-	-	2	-	-	2	-	-	-	-	-	-	-	-
		Typical impact	812	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Ancillary facility – establishment	Peak impact	812	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	812	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Ancillary facility – operation	Peak impact	812	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	812	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4A	Batch plant operation (concrete batch plant)	Peak impact	812	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	812	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4B	Batch plant operation (asphalt batch plant)	Peak impact	812	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	812	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Clearing, grubbing, and demolition	Peak impact	812	-	-	3	-	-	3	-	-	3	-	-	3	-	-	-	-	-	-	-	-
		Typical impact	812	-	-	2	-	-	2	-	-	2	-	-	2	-	-	-	-	-	-	-	-
6	Utility works	Peak impact	812	-	-	2	-	-	3	-	-	3	-	-	3	-	-	3	-	-	3	-	-
		Typical impact	812	-	-	2	-	-	2	-	-	2	-	-	2	-	-	2	-	-	2	-	-

ID	Scenario	Activity	Number of receivers[1, 2]																				
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																	
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
7	Bulk earthworks – cuttings	Peak impact	812	-	-	3	-	-	3	-	-	3	-	-	3	-	-	-	-	-	-	-	-
		Typical impact	812	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Bulk earthworks – fill	Peak impact	812	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	812	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Concrete pavement (including pavement drainage)	Peak impact	812	-	-	3	-	-	3	-	-	3	-	-	3	-	-	3	-	-	3	-	-
		Typical impact	812	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Asphalt pavement (including pavement drainage)	Peak impact	812	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	812	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Bridge and viaduct superstructure	Peak impact	812	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	812	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Piling for bridges and bridge approaches	Peak impact	812	-	-	3	-	-	3	-	-	3	-	-	3	-	-	-	-	-	-	-	-
		Typical impact	812	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Roadside furniture and finishing work	Peak impact	812	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	812	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ID	Scenario	Activity	Number of receivers[1, 2]																				
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																	
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
15	Traffic management and control	Peak impact	812	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	812	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	Landscaping	Peak impact	812	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	812	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Cross drainage	Peak impact	812	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	812	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
1. Cell shading indicates highest predicted exceedance of NML for worst-case proposed construction activity (i.e. Peak activity); **green** = clearly audible, **orange** = moderately intrusive, **red** = highly intrusive (as per **Table 5-1**)
2. Counts include all receiver types (i.e. residential, commercial, industrial and other sensitive receivers)
3. Highly Noise Affected, where predicted construction noise impact is more than 75dB(A) for residential receivers only, in accordance with the CNVG and ICNG
4. Sleep disturbance screening level = RBL + 15dB(A) for residential receivers only.

Table C-28 Number of receivers highly noise affected, exceeding NML and sleep disturbance – NCA14C

ID	Scenario	Activity	Number of receivers[1, 2]																				
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																	
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
1	Pre-construction and site establishment	Peak impact	1321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	1321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Ancillary facility – establishment	Peak impact	1321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	1321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Ancillary facility – operation	Peak impact	1321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	1321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4A	Batch plant operation (concrete batch plant)	Peak impact	1321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	1321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4B	Batch plant operation (asphalt batch plant)	Peak impact	1321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	1321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Clearing, grubbing, and demolition	Peak impact	1321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	1321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Utility works	Peak impact	1321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	1321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ID	Scenario	Activity	Number of receivers[1, 2]																				
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																	
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
7	Bulk earthworks – cuttings	Peak impact	1321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	1321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Bulk earthworks – fill	Peak impact	1321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	1321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Concrete pavement (including pavement drainage)	Peak impact	1321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	1321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Asphalt pavement (including pavement drainage)	Peak impact	1321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	1321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Bridge and viaduct superstructure	Peak impact	1321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	1321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Piling for bridges and bridge approaches	Peak impact	1321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	1321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Roadside furniture and finishing work	Peak impact	1321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	1321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ID	Scenario	Activity	Number of receivers[1, 2]																				
			Total	HNA[3]	Sleep disturb-ance[4]	Exceeding NML																	
						Standard daytime			Extended hours									Out-of-hours					
									Morning shoulder			Daytime OOH			Evening shoulder			Evening			Night-time		
						1-10 dB	11-20 dB	>20 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB	5-15 dB	16-25 dB	>25 dB
15	Traffic management and control	Peak impact	1321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	1321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	Landscaping	Peak impact	1321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	1321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Cross drainage	Peak impact	1321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Typical impact	1321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
1. Cell shading indicates highest predicted exceedance of NML for worst-case proposed construction activity (i.e. Peak activity); **green** = clearly audible, **orange** = moderately intrusive, **red** = highly intrusive (as per **Table 5-1**)
2. Counts include all receiver types (i.e. residential, commercial, industrial and other sensitive receivers)
3. Highly Noise Affected, where predicted construction noise impact is more than 75dB(A) for residential receivers only, in accordance with the CNVG and ICNG
4. Sleep disturbance screening level = RBL + 15dB(A) for residential receivers only.

C.6 Highly noise affected receivers

Table C-29 Highly noise affected receiver IDs

NCA	Receiver ID
NCA04A	RES.0150
NCA04A	RES.0151
NCA04A	RES.0152
NCA04A	RES.0153
NCA04A	RES.0154
NCA04A	RES.0184
NCA04A	RES.0190
NCA04A	RES.0191
NCA04A	RES.0192
NCA04A	RES.0201
NCA04A	RES.0202
NCA04A	RES.0203
NCA04A	RES.0204
NCA04A	RES.0205
NCA04A	RES.0209
NCA04A	RES.0210
NCA04A	RES.0211
NCA04A	RES.0212
NCA04A	RES.0213
NCA04A	RES.0222
NCA04A	RES.0294
NCA04A	RES.0304
NCA04A	RES.0330
NCA04A	RES.1089

C.7 Construction traffic volumes

Table C-30 Proposed construction traffic volumes

Ancillary facility	Road	Future traffic volumes during construction				Proposed daily construction traffic volumes	
		Day (15 hour)		Night (9 hour)			
		Light	Heavy	Light	Heavy	Light	Heavy
AS1	John Renshaw Drive, Beresfield	31,875	6,375	5,796	1,692	46	54
	New England Highway (west of existing Tarro interchange)	70,620	8,955	11,502	2,151	46	54
AS2	M1 Pacific Motorway / Lenaghans Drive, Black Hill	35,025	6,465	6,462	1,638	46	118
	New England Highway (west of existing Tarro interchange)	70,620	8,955	11,502	2,151	46	118
AS3	M1 Pacific Motorway / Lenaghans Drive, Black Hill	35,025	6,465	6,462	1,638	154	318
	New England Highway (west of existing Tarro interchange)	70,620	8,955	11,502	2,151	154	318
AS4	New England Highway (west of existing Tarro interchange)	65,595	8,880	10,629	2,214	10	42
AS5	New England Highway (east of existing Tarro interchange)	67,470	8,235	10,989	2,043	46	144
AS6	New England Highway (east of existing Tarro interchange)	67,470	8,235	10,989	2,043	46	72
AS7	New England Highway (east of existing Tarro interchange)	67,470	8,235	10,989	2,043	154	264
AS8	New England Highway (east of existing Tarro interchange)	67,470	8,235	10,989	2,043	46	186
AS9	New England Highway (east of existing Tarro interchange)	67,470	8,235	10,989	2,043	46	330
AS10	Pacific Highway (north of Hexham Bridge)	28,920	4,515	5,031	1,206	154	242
AS11	Pacific Highway (north of Hexham Bridge)	28,920	4,515	5,031	1,206	46	102
AS12	Pacific Highway (north of Hexham Bridge)	28,920	4,515	5,031	1,206	46	110
AS13	Pacific Highway (north of Hexham Bridge)	28,920	4,515	5,031	1,206	46	174
AS14	Pacific Highway, Heatherbrae	31,950	5,190	4,959	1,503	46	64
AS15	Pacific Highway, Heatherbrae	31,950	5,190	4,959	1,503	10	74
AS16	Masonite Road, Heatherbrae	3,405	360	522	54	154	296
AS17	Masonite Road, Heatherbrae	3,405	360	522	54	154	120

Ancillary facility	Road	Future traffic volumes during construction				Proposed daily construction traffic volumes	
		Day (15 hour)		Night (9 hour)			
		Light	Heavy	Light	Heavy	Light	Heavy
AS18	Masonite Road, Heatherbrae	3,405	360	522	54	10	82
AS19	Masonite Road, Heatherbrae	3,405	360	522	54	154	136
AS20	Pacific Highway (north of Masonite Road)	22,545	4,695	3,573	1,584	10	106
AS21	Pacific Highway (north of Masonite Road)	22,545	4,695	3,573	1,584	46	104

C.8 Construction noise contours – clearing, grubbing and demolition (day)

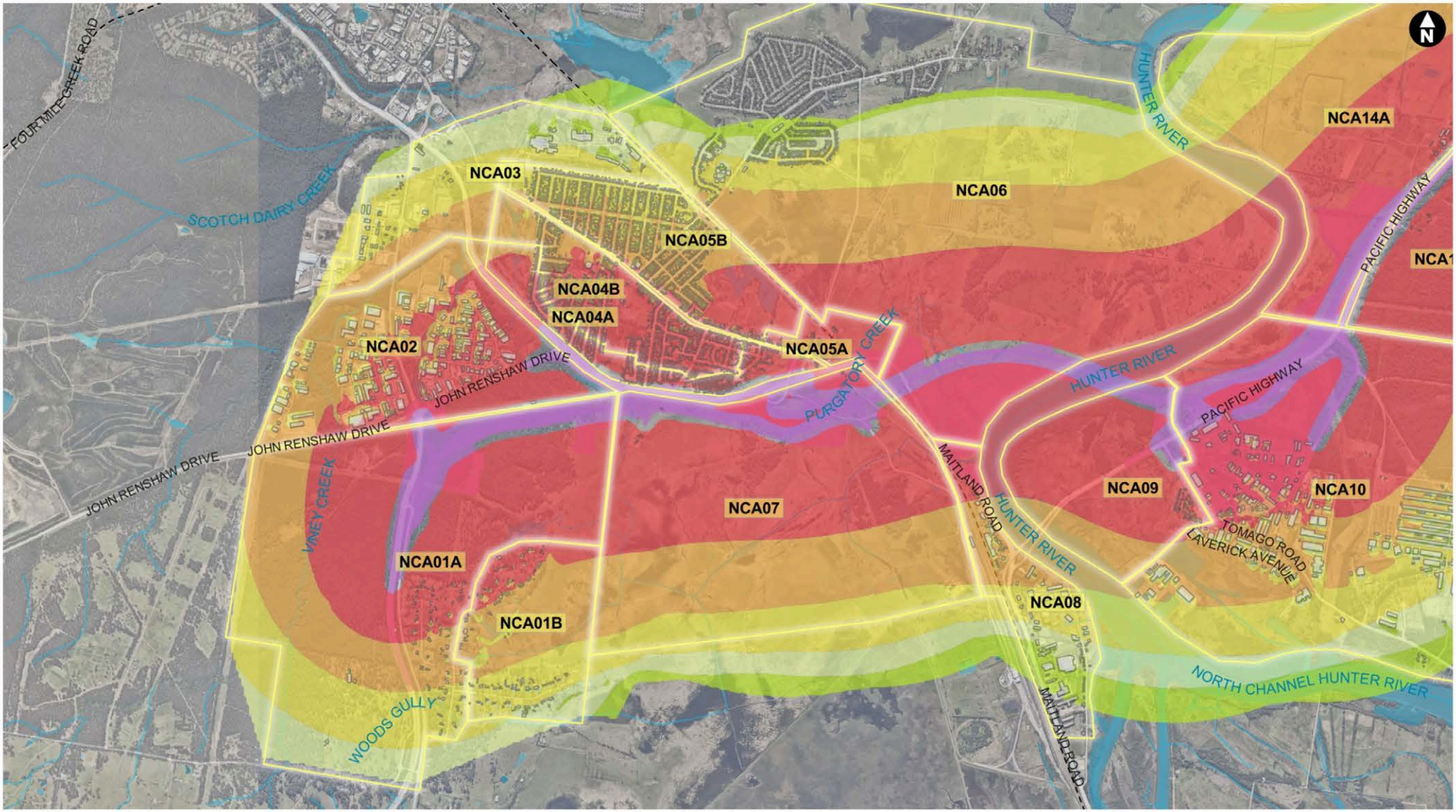


Figure TL081-01.6.2.1.1 Q04 (r2) Construction noise contours - Scenario 05 clearing, gurbbing and demolition (peak)

Date: 04/12/2020 Project path: R:\AssocSyd\Projects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Outputs\GIS\TL081-01.6.1 M12RT GIS (r0).qgz

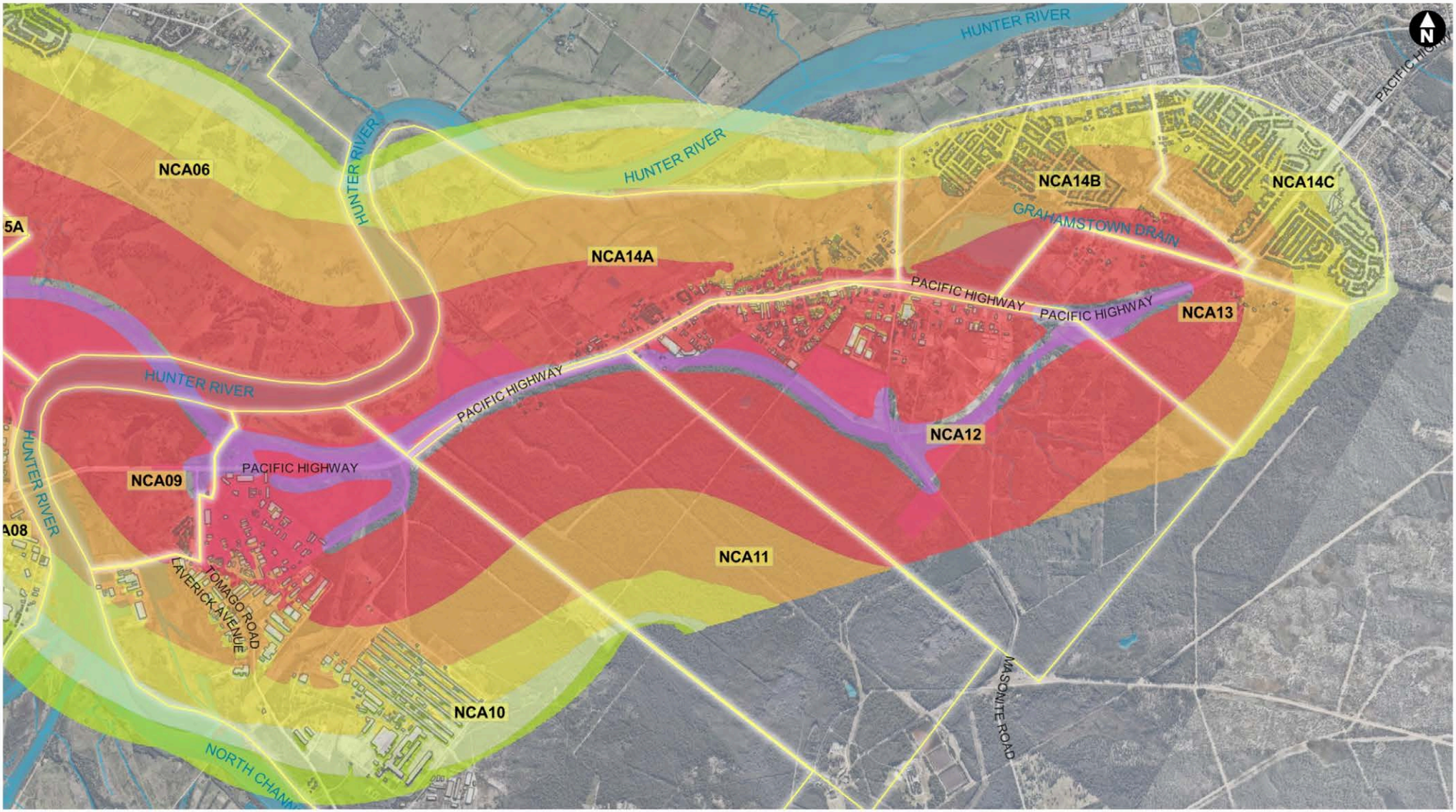


Figure TL081-01.6.2.1.1 Q04 (r2) Construction noise contours - Scenario 05 clearing, gurbbing and demolition (peak)

Date: 04/12/2020 Project path: R:\AssocSydProjects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Outputs\GIS\TL081-01.6.1 M12RT GIS (r0).qgz

C.9 Construction noise contours – utility works (night-time)

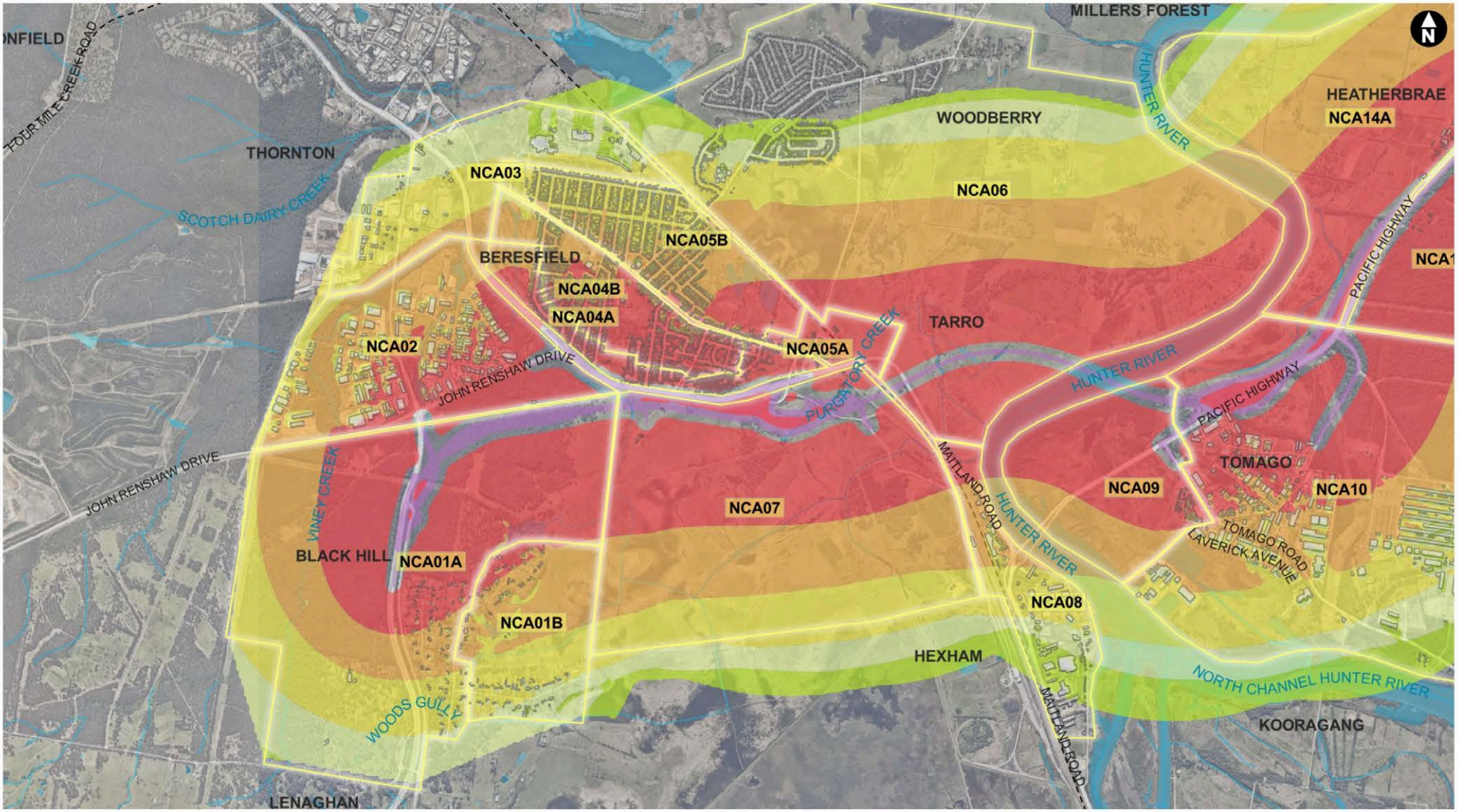


Figure TL081-01.6.2.1.1 Q05 (r2) Construction noise contours - Scenario 06 utility works (peak)

Date: 04/12/2020 Project path: R:\Acoat\Syd\Projects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\6 GIS\TL081-01.6.1 M1RT Q05 (r0).qgz

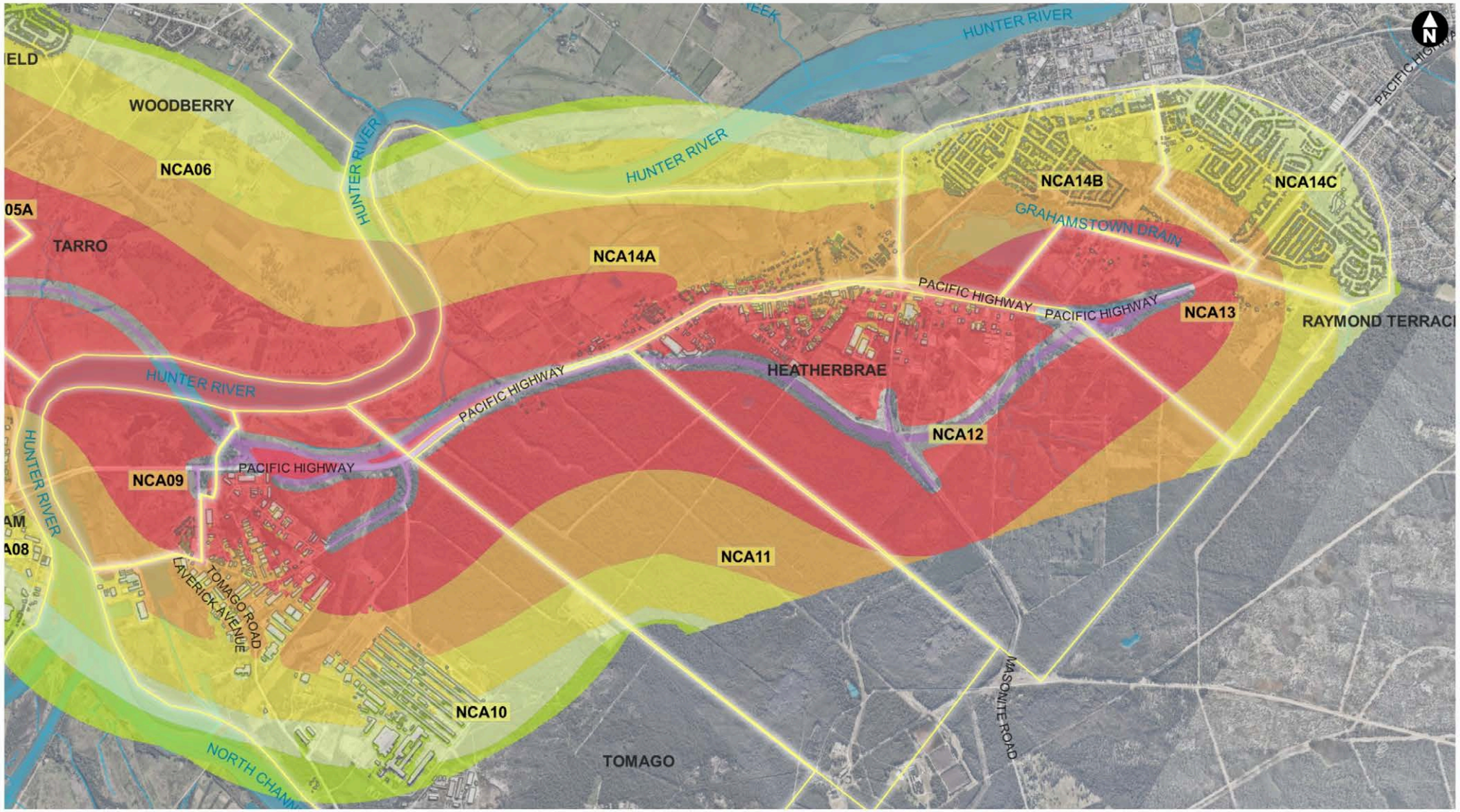
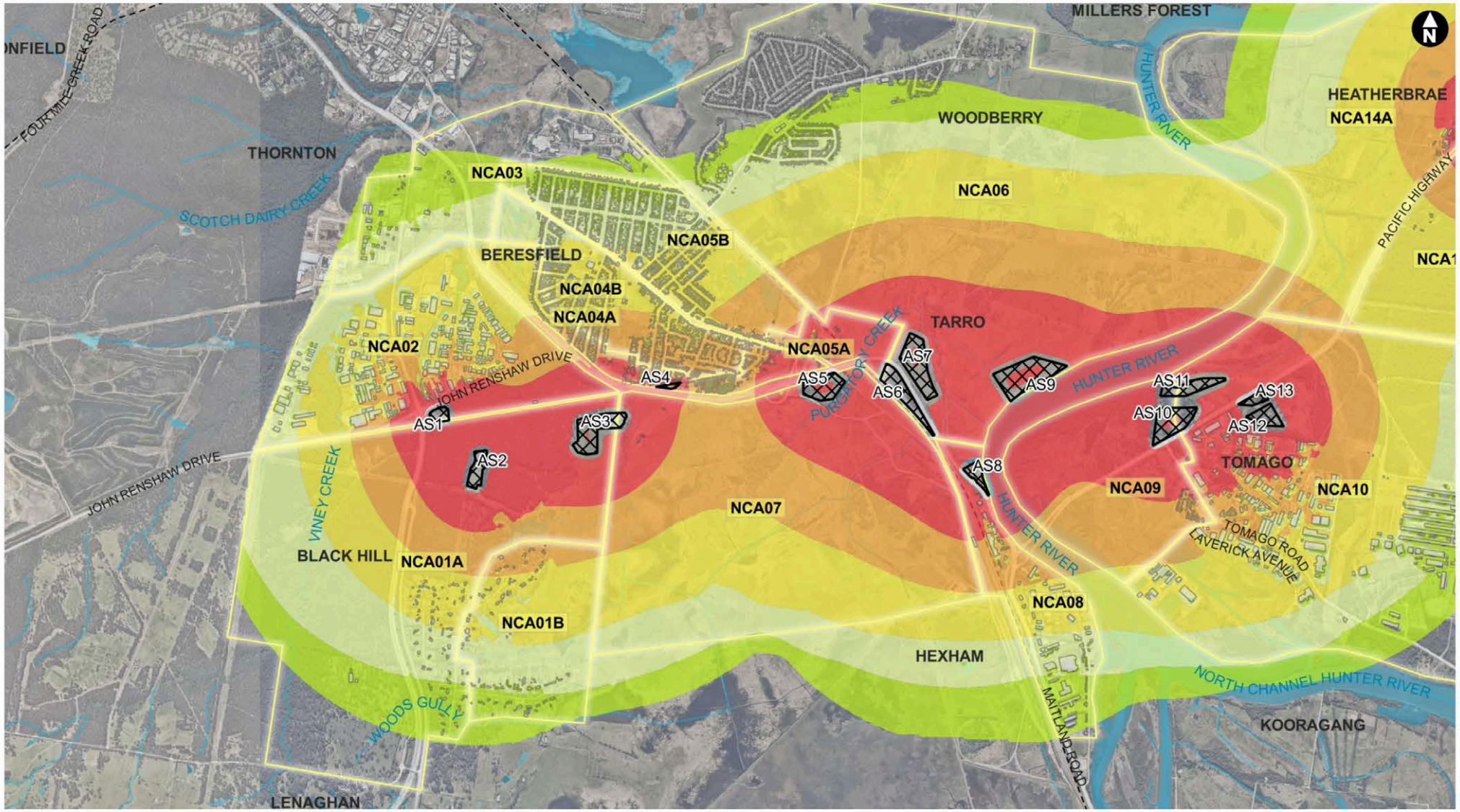


Figure TL081-01.6.2.1.1 Q05 (r2) Construction noise contours - Scenario 06 utility works (peak)

Date: 04/12/2020 Project path: R:\Acoat\Syd\Projects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\4 GIS\TL081-01.6.1 M1RT GIS (r0).qgz

C.10 Construction noise contours – ancillary facility establishment



NCA
Waterways
Main North Rail Line
Buildings
Ancillary site

Noise Level, dB(A)

45-50 | 50 - 55 | 55 - 60 | 60 - 65 | >65

500 0 500 1000 m





Figure TL081-01.6.2.1.1 Q01 (r2) Construction noise contours - Scenario 02 ancillary site - establishment (peak)

Date: 04/12/2020 Project path: R:\Aecom\Sydprojects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\ GGIS\TL081-01.6.1 M1 2RT GGIS (r0).qgz

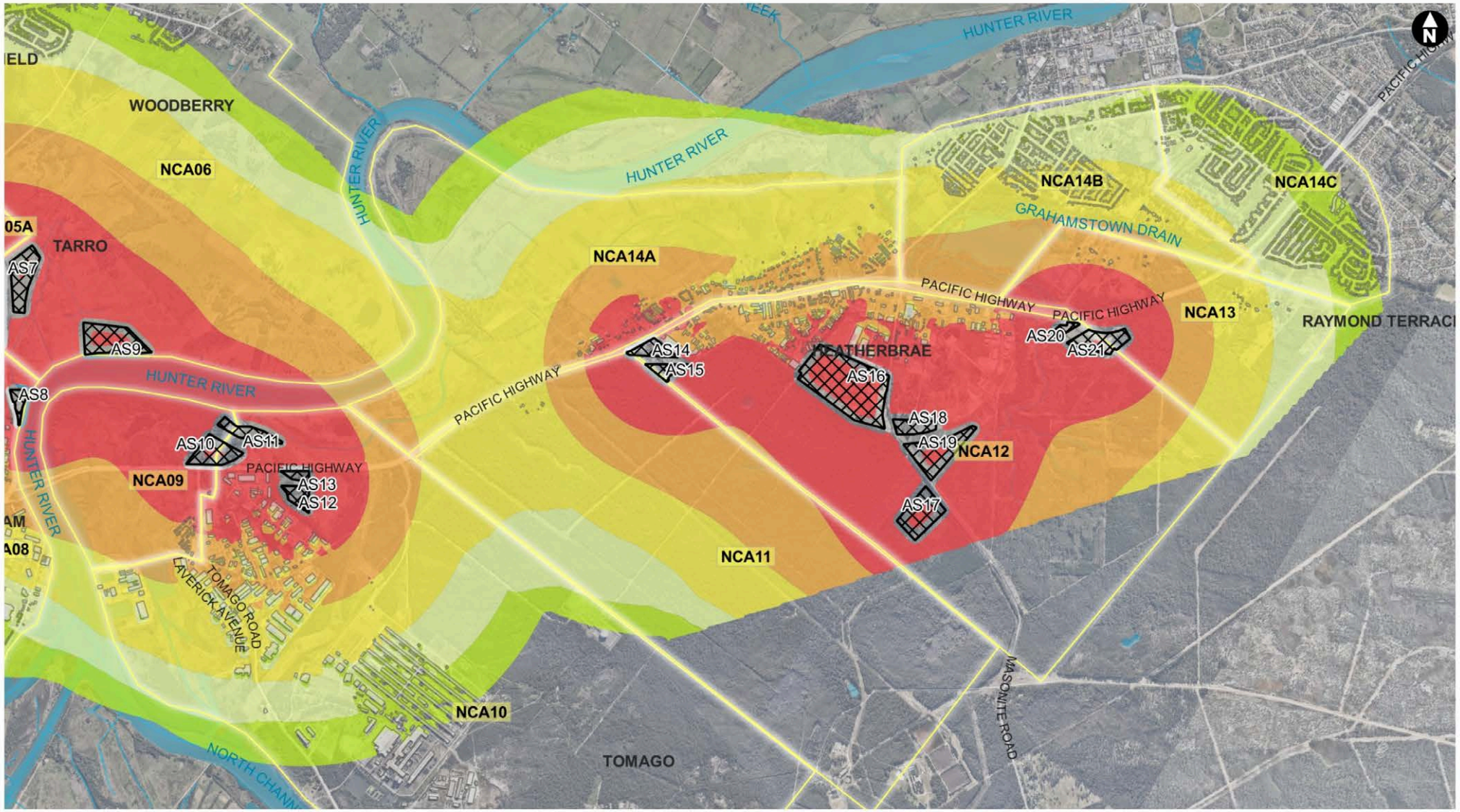


Figure TL081-01.6.2.1.1 Q01 (r2) Construction noise contours - Scenario 02 ancillary site - establishment (peak)

Date: 04/12/2020 Project path: R:\Acoat\Syd\Projects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\6 GIS\TL081-01.6.1 M1RT GIS (r0).qgz

C.11 Construction noise contours – ancillary facility general operations

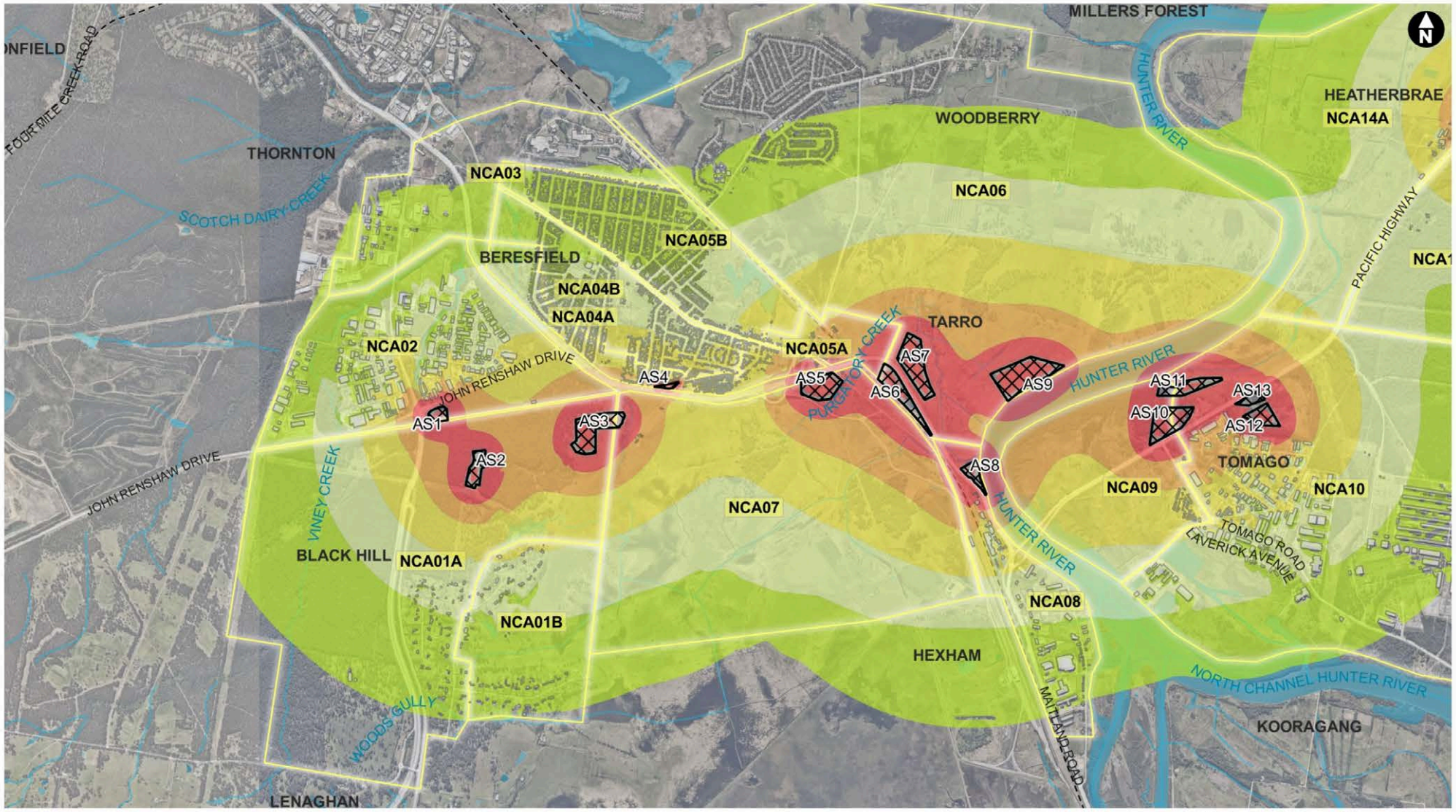


Figure TL081-01.6.2.1.1 Q02 (r2) Construction noise contours - Scenario 03 ancillary site - operation (peak)

Date: 04/12/2020 Project path: R:\AssocSyd\Projects\TL051-TL100\TL081 inch M1 Motorway to Raymond Terrace\6 Figures & CAD Outputs\GIS\TL081-01.6.1 M12RT GIS (r0).qgz

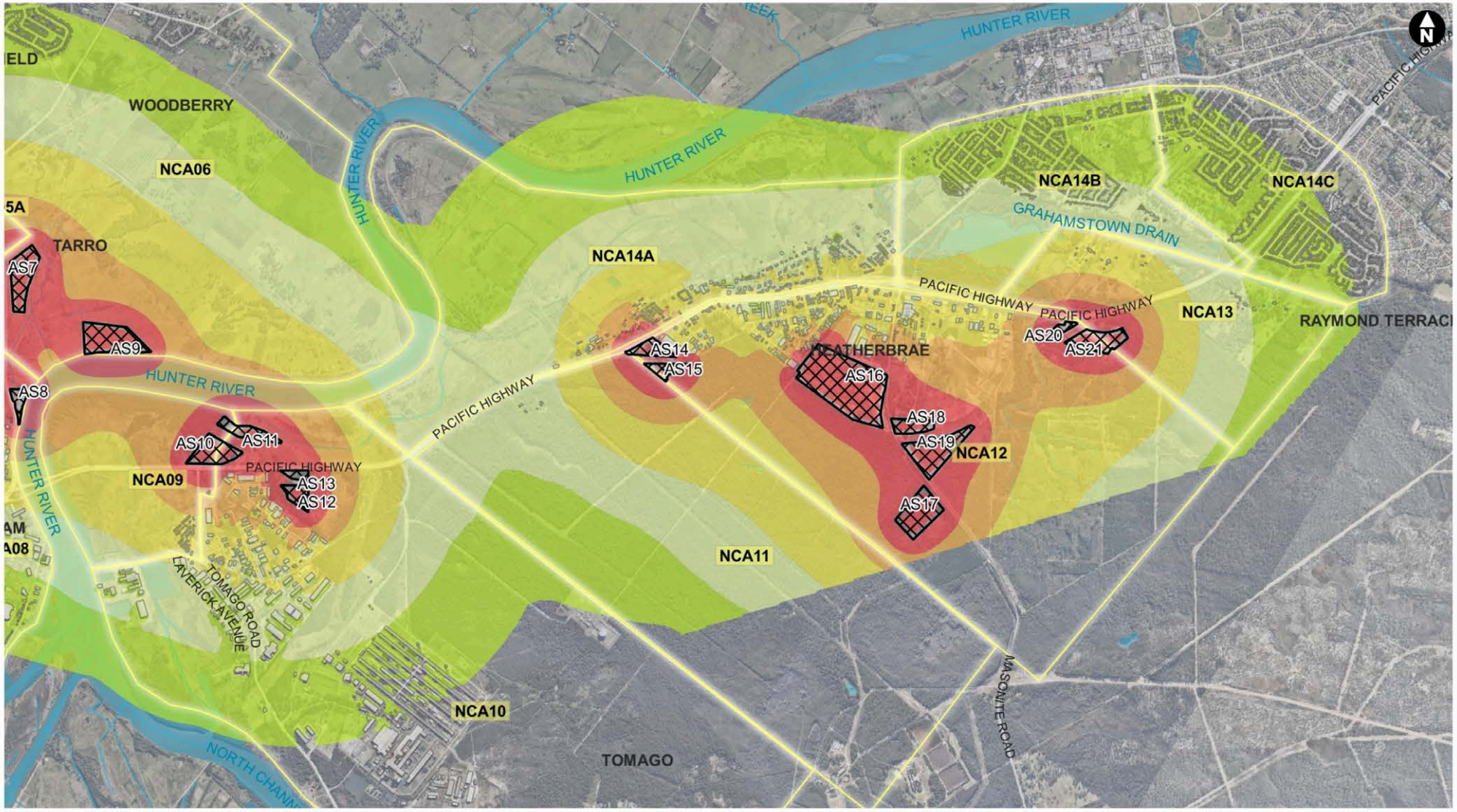


Figure TL081-01.6.2.1.1 Q02 (r2) Construction noise contours - Scenario 03 ancillary site - operation (peak)

Date: 04/12/2020 Project path: R:\AssocSyd\Projects\TL051-TL100\TL081 inch M1 Motorway to Raymond Terrace\6 Figures & CAD Outputs\GIS\TL081-01.6.1 M1 2RT GIS (r0).qgz

C.12 Construction noise contours – ancillary facility batch plant operations

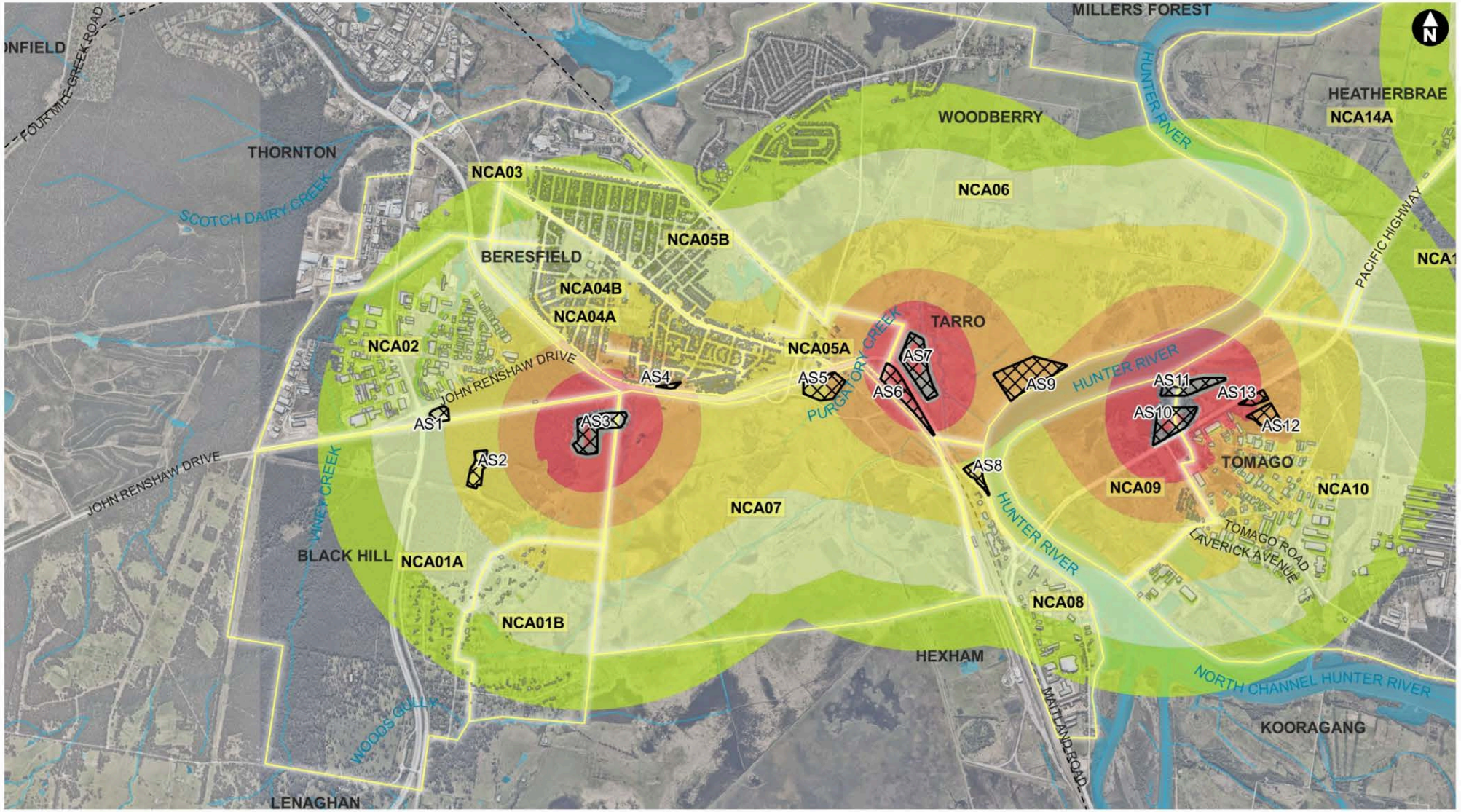


Figure TL081-01.6.2.1.1 Q03 (r2) Construction noise contours - Scenario 04 ancillary site - batching (peak)

Date: 04/12/2020 Project path: R:\AssocSyd\Projects\ATL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Outputs\GIS\TL081-01.6.1 M1 2RT.QGS (r0).qgz

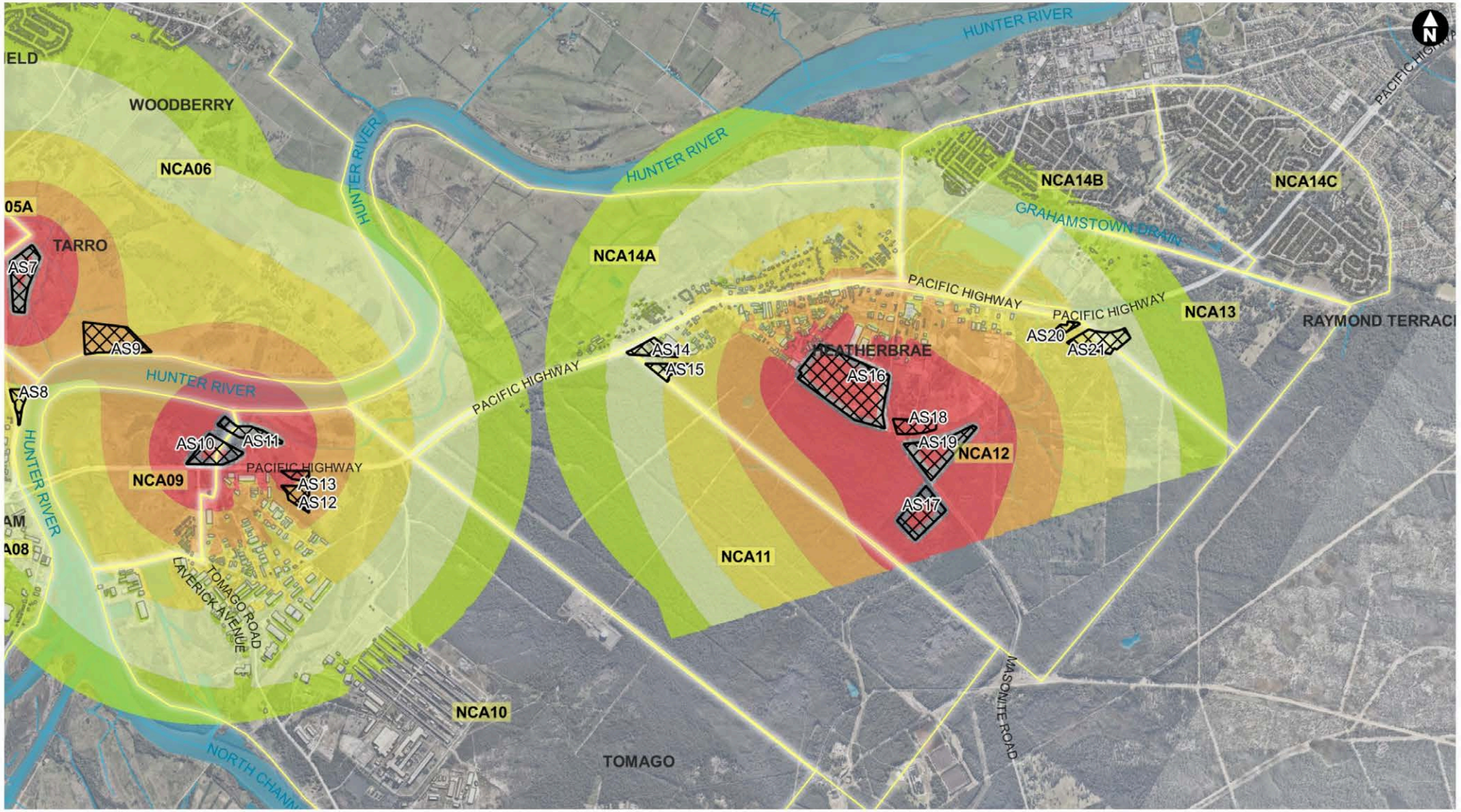


Figure TL081-01.6.2.1.1 Q03 (r2) Construction noise contours - Scenario 04 ancillary site - batching (peak)

Date: 04/12/2020 Project path: R:\AssocSyd\Projects\ATL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Outputs\GIS\TL081-01.6.1 M12RT QGIS (r0).qgz

C.13 Construction noise contours – bridge piling work

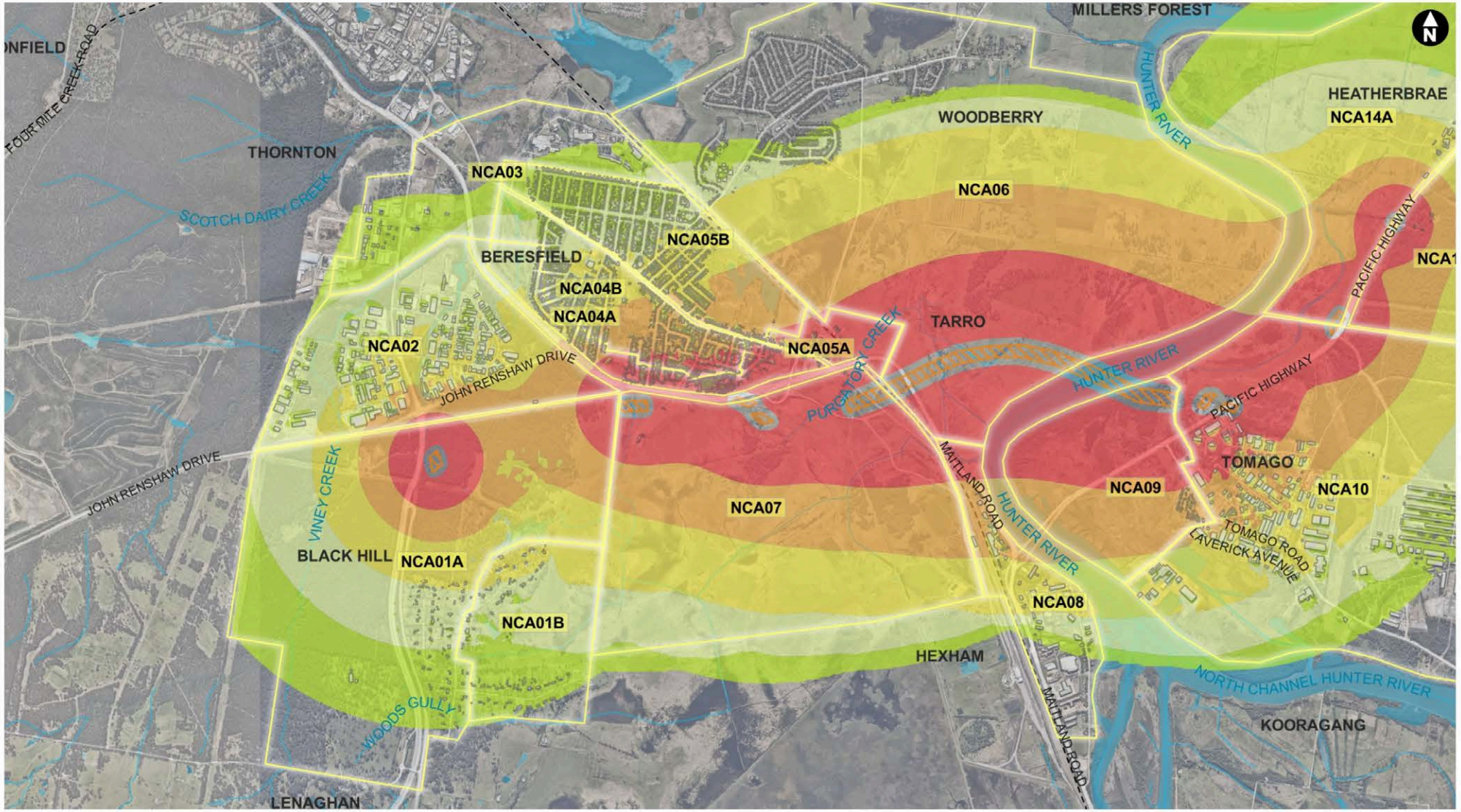


Figure TL081-01.6.2.1.1 Q06 (r2) Construction noise contours - Scenario 13 piling for bridges and bridge approaches (peak)

Date: 04/12/2020 Project path: R:\AssocSyd\Projects\ATL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Outputs\GIS\TL081-01.6.1 M1 2RT.QGS (r0).qgz

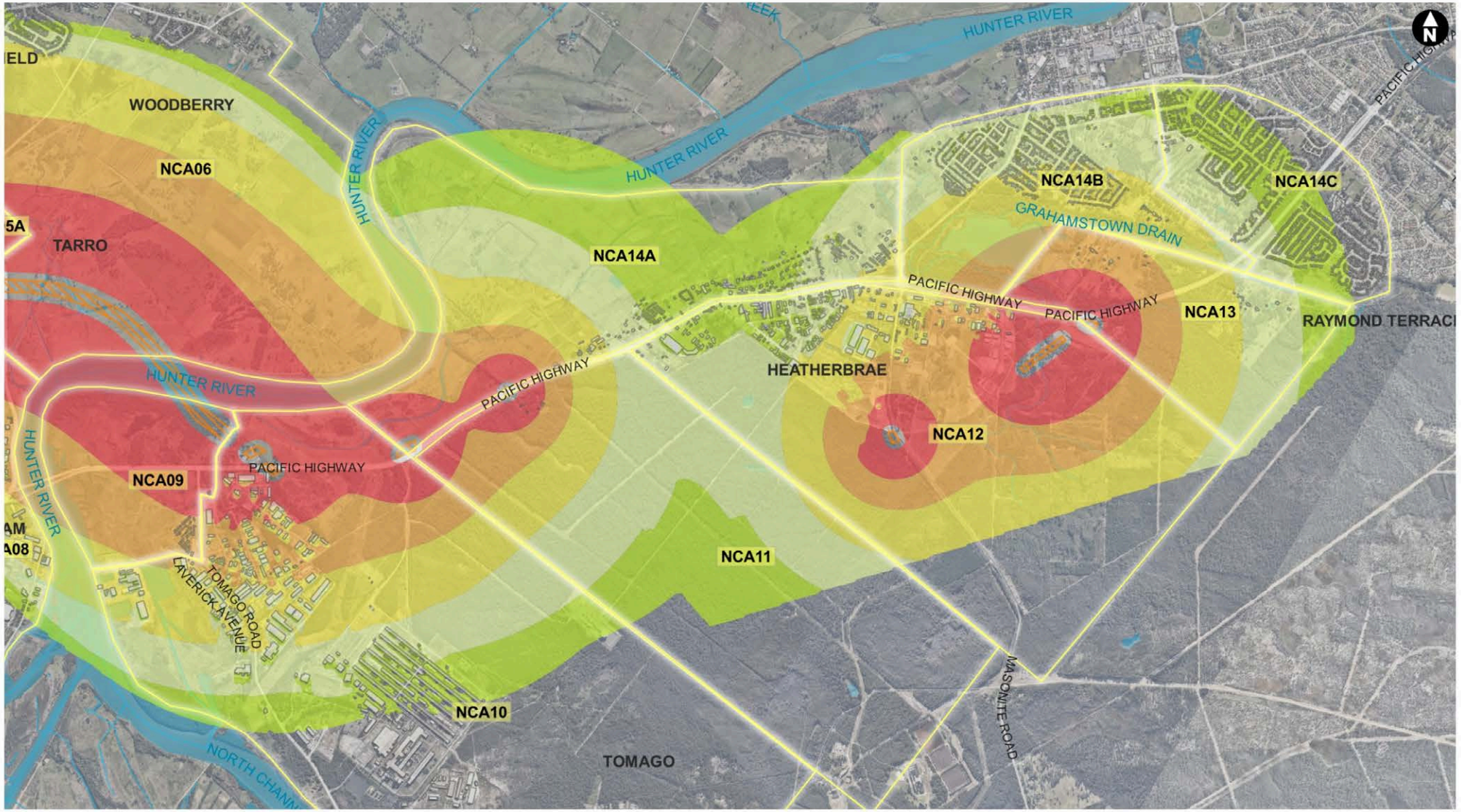


Figure TL081-01.6.2.1.1 Q06 (r2) Construction noise contours - Scenario 13 piling for bridges and bridge approaches (peak)

Date: 04/12/2020 Project path: R:\AssocSyd\Projects\ATL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Outputs\GIS\TL081-01.6.1 M1RT QGIS (r0).qgz

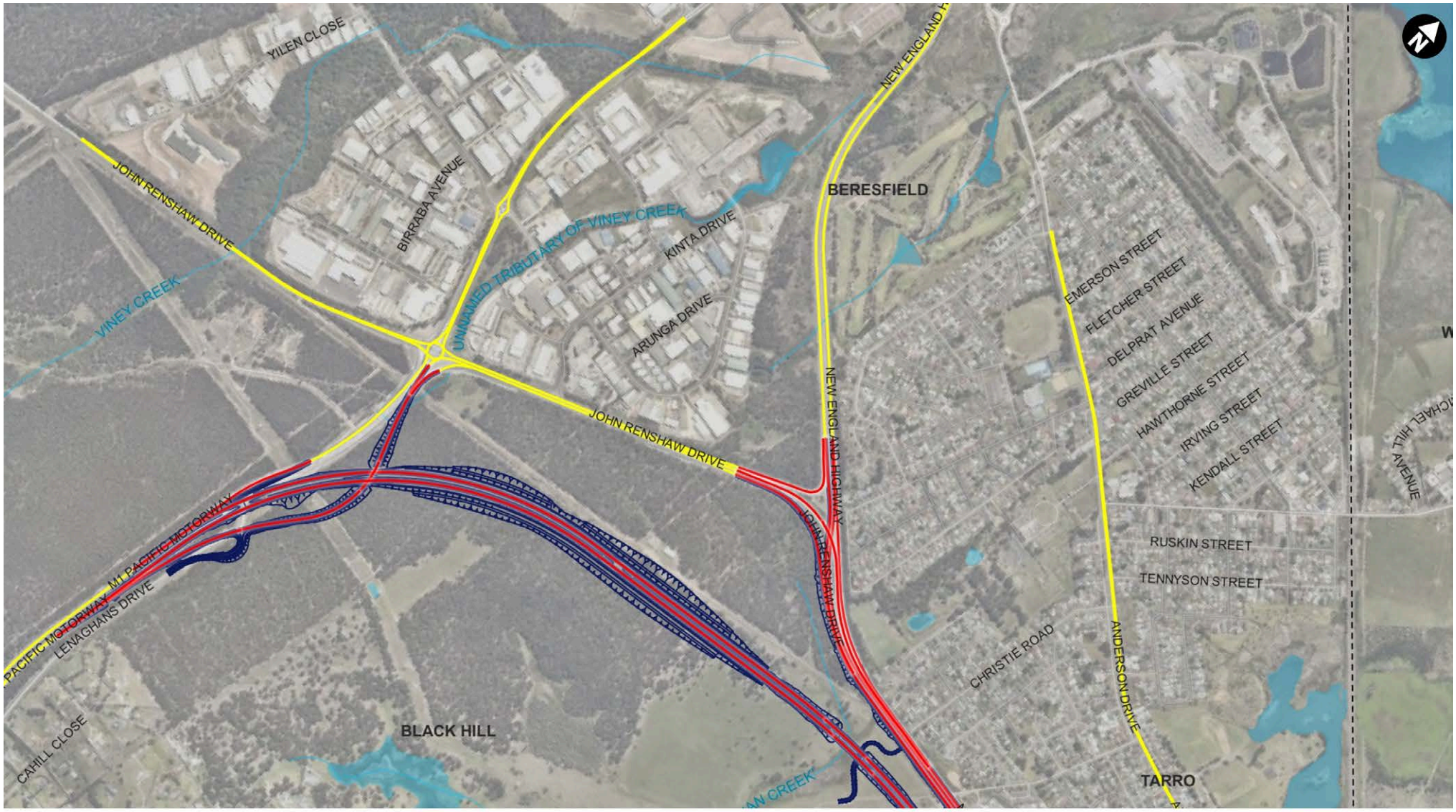
Appendix D Operational Information

D.1 Project and non-project roads



Figure TL081-01.6.2.1.1 Q25 (r1) Modelled project and non-project roads

Date: 02/03/2021 Project path: R:\AssocSydProjects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\1. QGIS\TL081-01.6.1 M12RT QGIS (r0).qgz



Modelled roads

- Project road
- Non-project road
- Design alignment
- Waterways
- Main North Rail Line

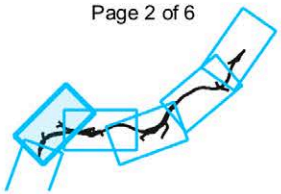
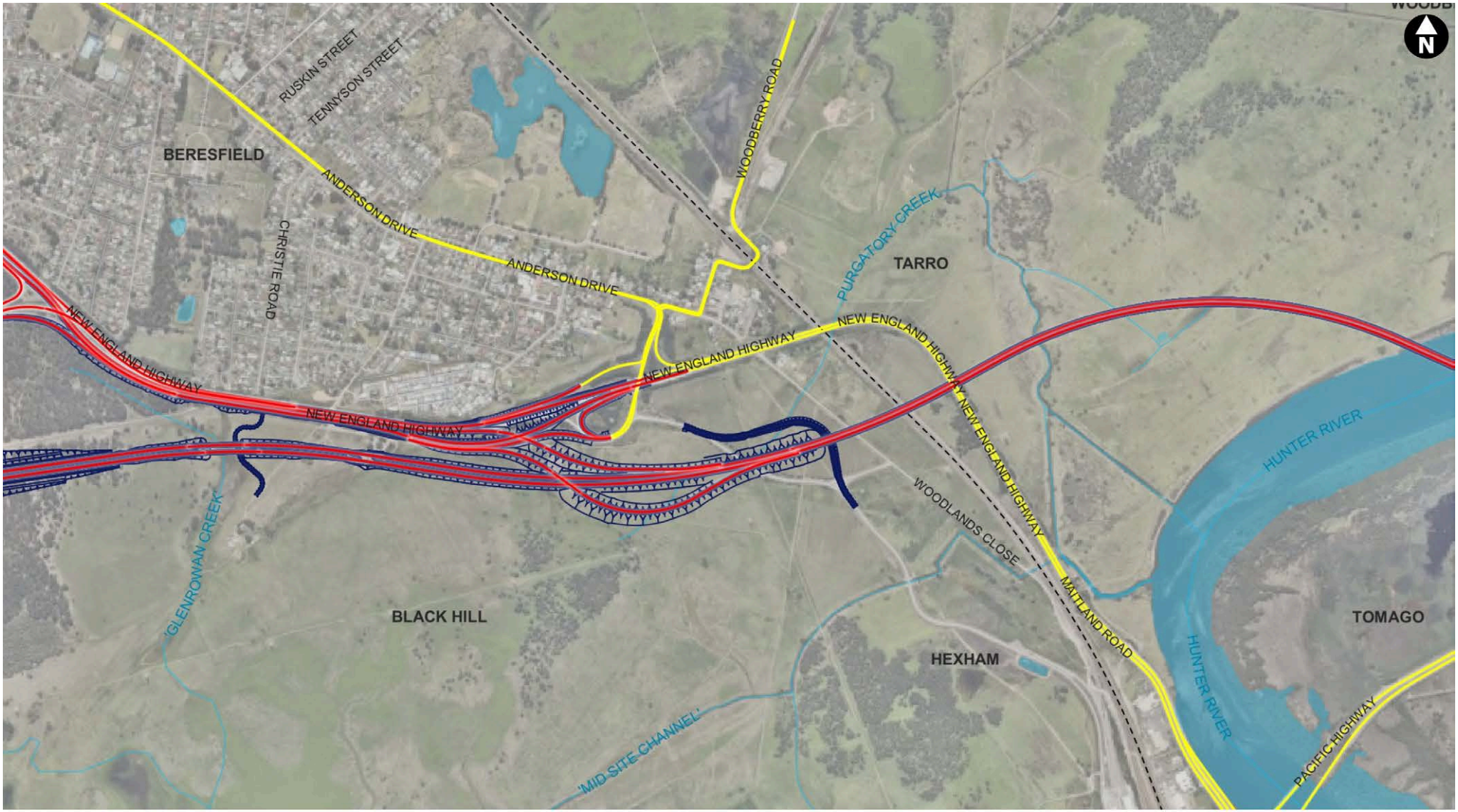




Figure TL081-01.6.2.1.1 Q25 (r1) Modelled project and non-project roads



Modelled roads

- Project road
- Non-project road
- Design alignment
- Waterways
- Main North Rail Line

250 0 250 500 m

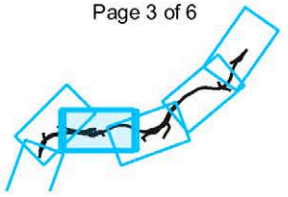
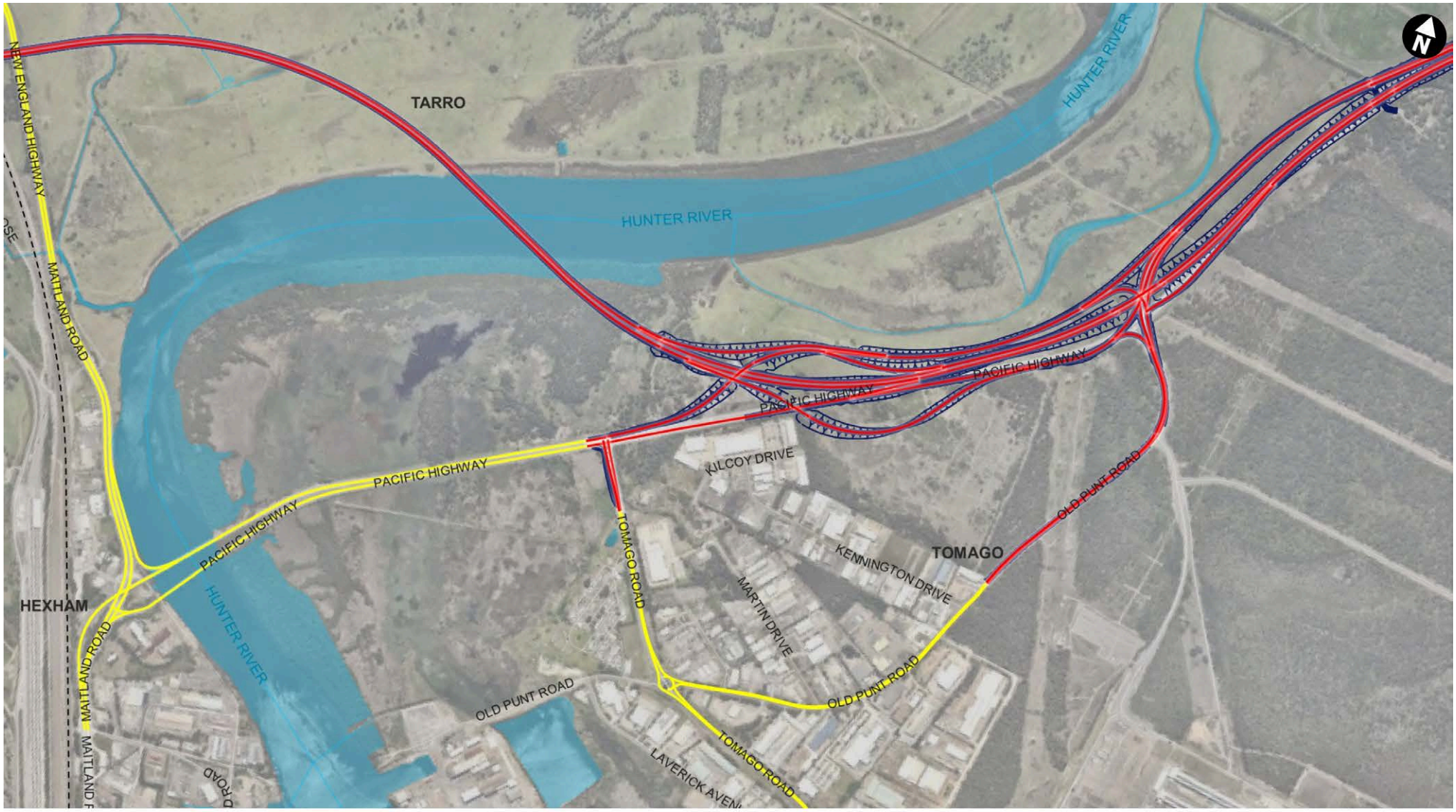




Figure TL081-01.6.2.1.1 Q25 (r1) Modelled project and non-project roads



Modelled roads

- Project road
- Non-project road
- Design alignment
- Waterways
- Main North Rail Line

250 0 250 500 m

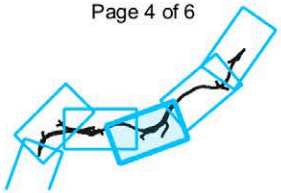




Figure TL081-01.6.2.1.1 Q25 (r1) Modelled project and non-project roads



Modelled roads

- Project road
- Non-project road
- Design alignment
- Waterways
- Main North Rail Line

250 0 250 500 m

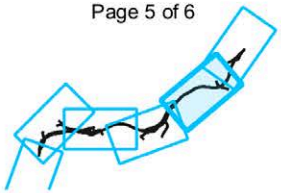
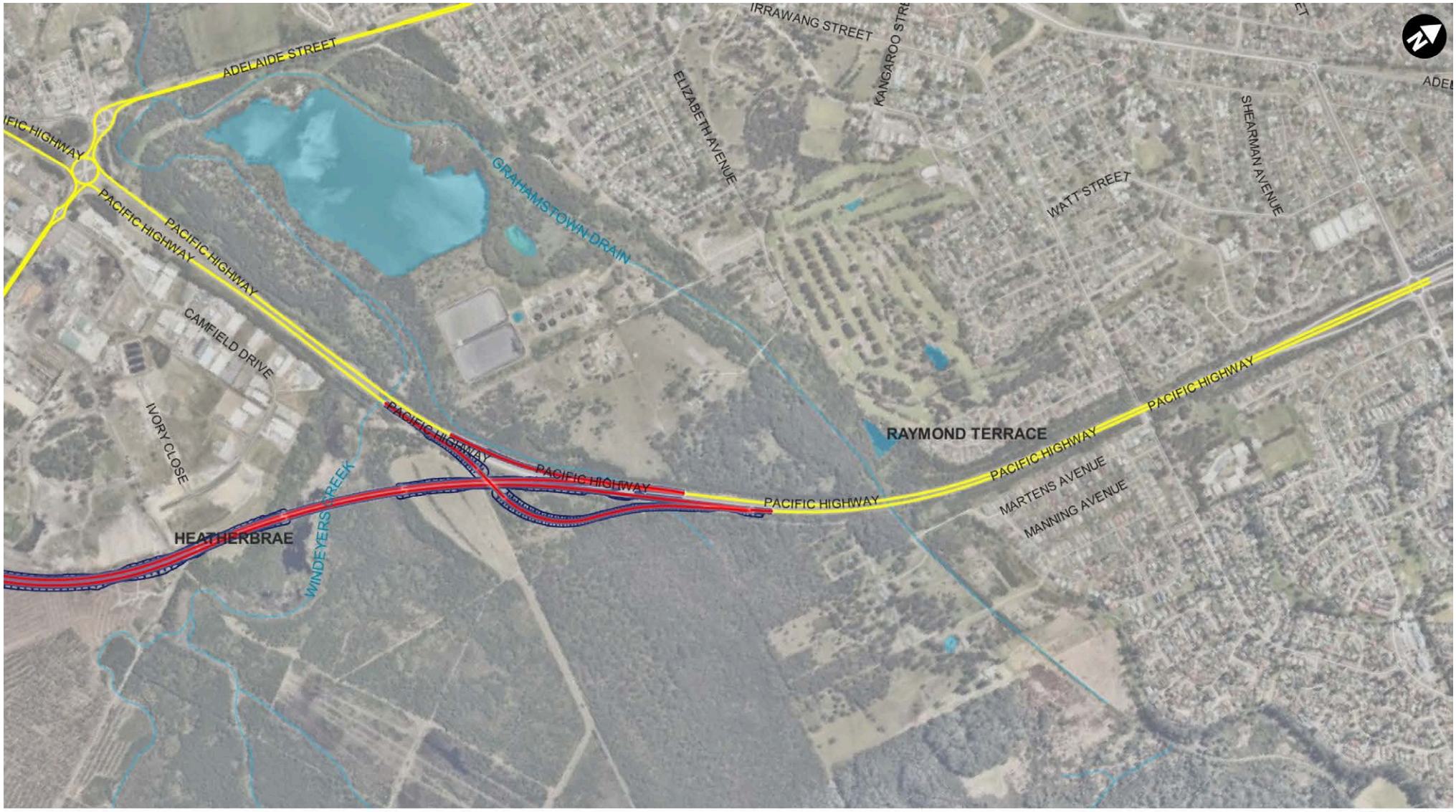




Figure TL081-01.6.2.1.1 Q25 (r1) Modelled project and non-project roads

Date: 02/03/2021 Project path: R:\AssocSydProjects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\1. QGIS\TL081-01.6.1 M12RT QGIS (r0).qgz



Modelled roads

- Project road
- Non-project road
- Design alignment
- Waterways
- Main North Rail Line

250 0 250 500 m

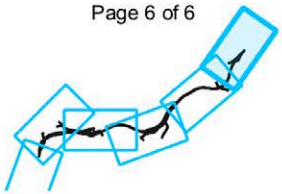
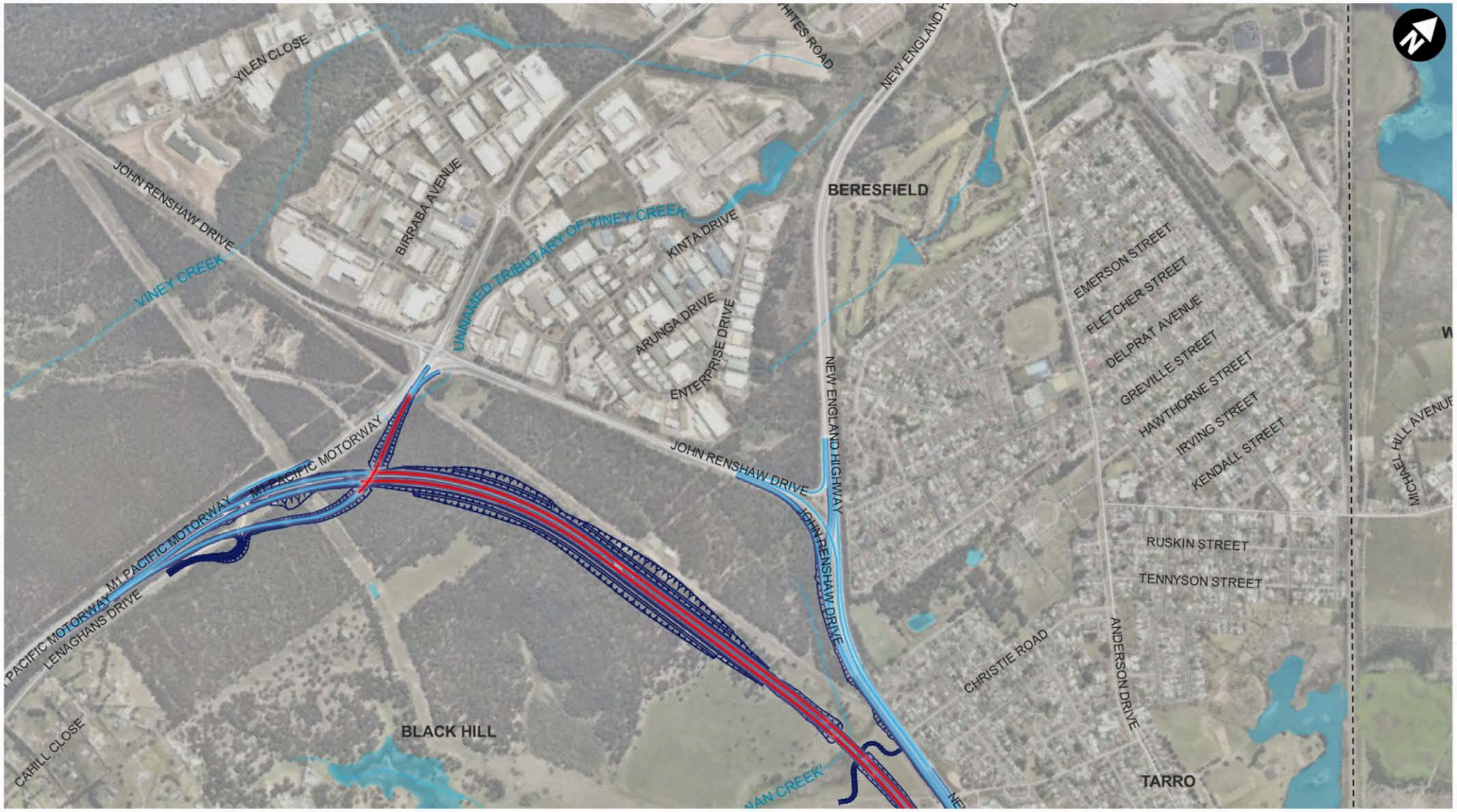




Figure TL081-01.6.2.1.1 Q25 (r1) Modelled project and non-project roads

D.2 New and redeveloped roads



Project roads

- New road
- Redeveloped road
- Design alignment
- Waterways
- Main North Rail Line





Figure TL081-01.6.2.1.1 Q42 (r2) New and redeveloped roads

Date: 03/12/2020 Project path: R:\AssocSyd\Projects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\8 Figures & CAD Outputs\GIS\TL081-01.6.1 M12RT GDIS (r0).qgz

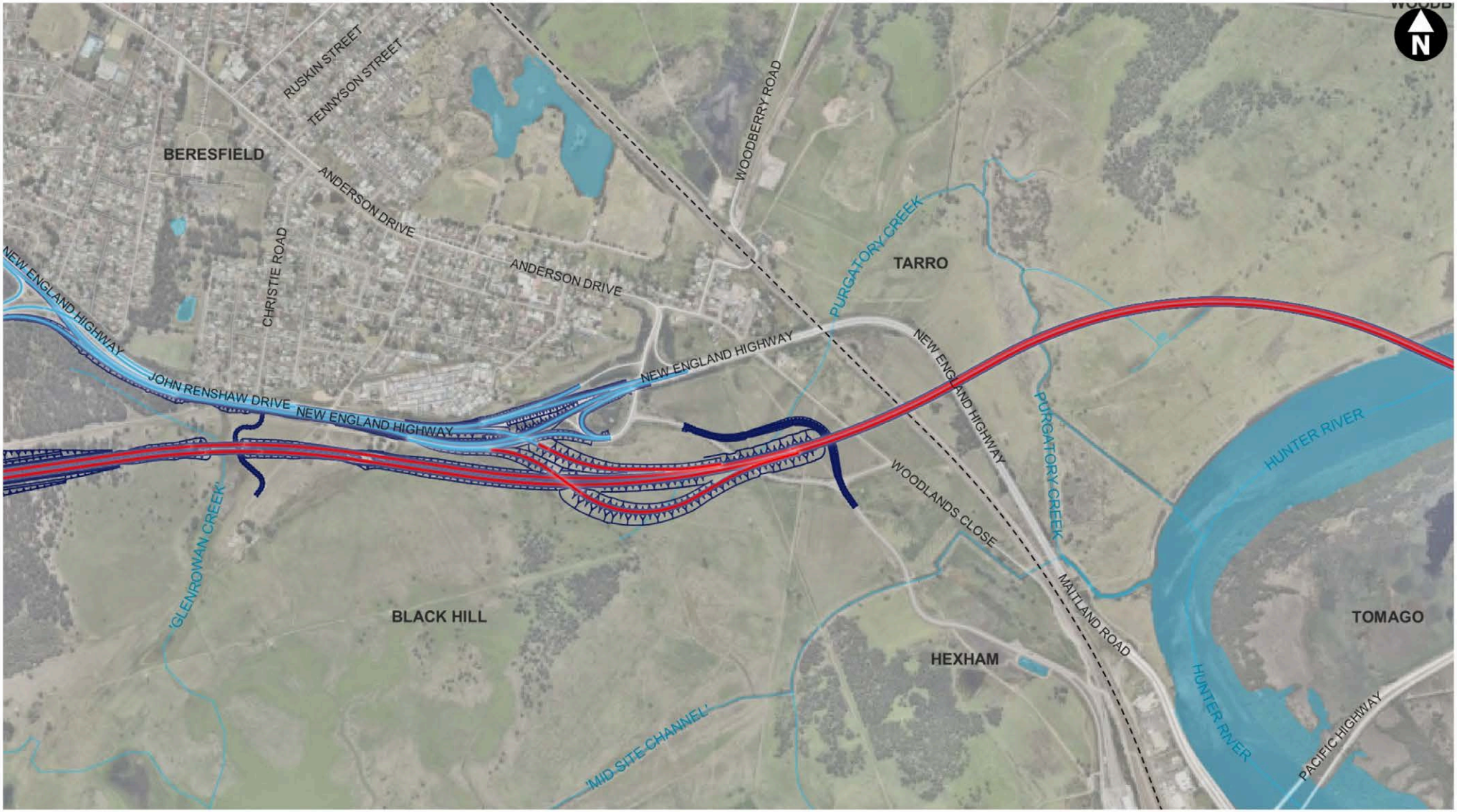
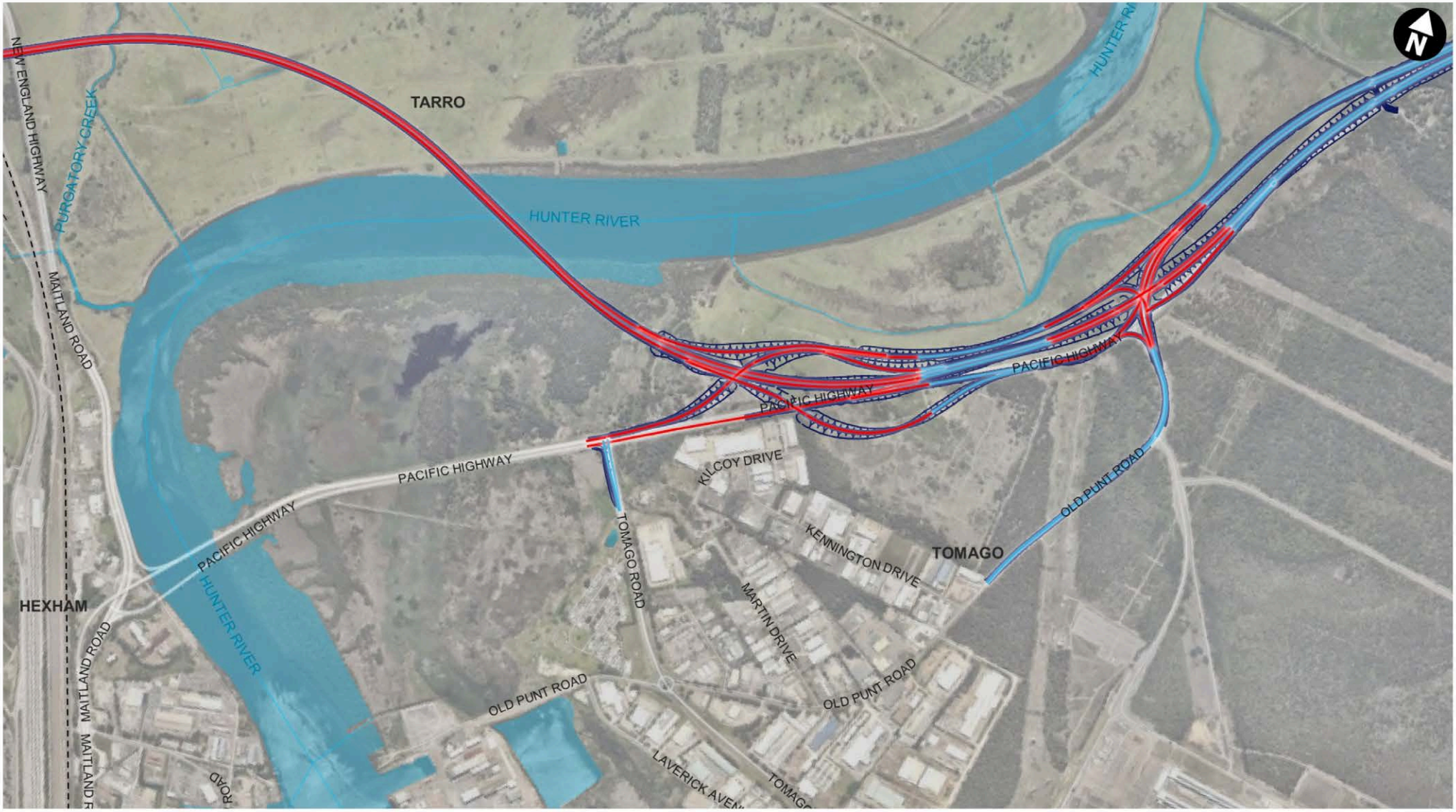


Figure TL081-01.6.2.1.1 Q42 (r2) New and redeveloped roads



Project roads

- New road
- Redeveloped road
- Design alignment
- Waterways
- Main North Rail Line

250 0 250 500 m





Figure TL081-01.6.2.1.1 Q42 (r2) New and redeveloped roads

Date: 03/12/2020 Project path: R:\AssocSyd\Projects\TL051-TL100\TL081 Inch M1 Motorway to Raymond Terrace\6 Figures & CAD Outputs\GIS\TL081-01.6.1 M12RT QGIS (r0).qgz



Project roads

- New road
- Redeveloped road
- Design alignment
- Waterways
- Main North Rail Line

250 0 250 500 m

Page 4 of 5





Figure TL081-01.6.2.1.1 Q42 (r2) New and redeveloped roads

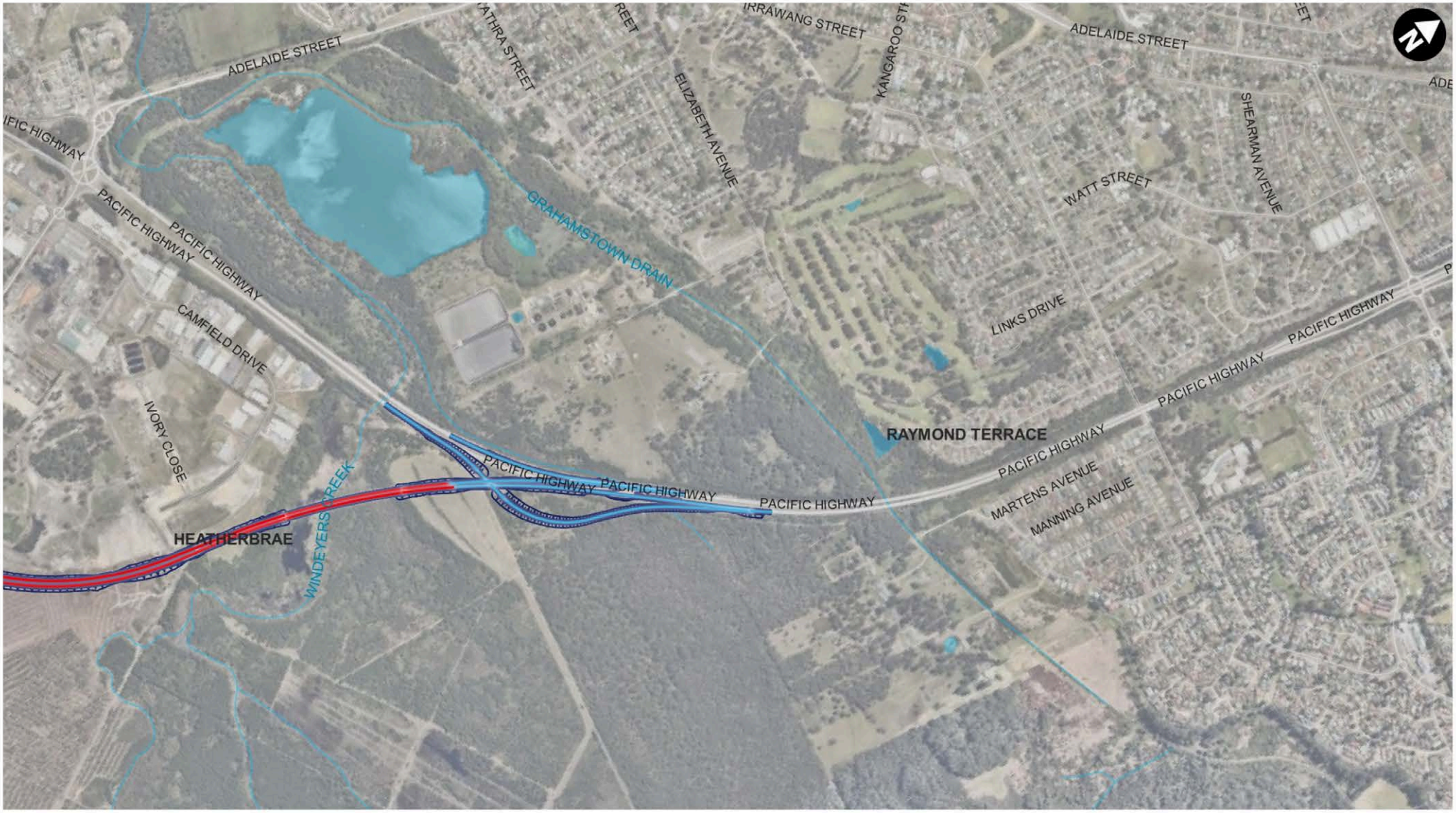
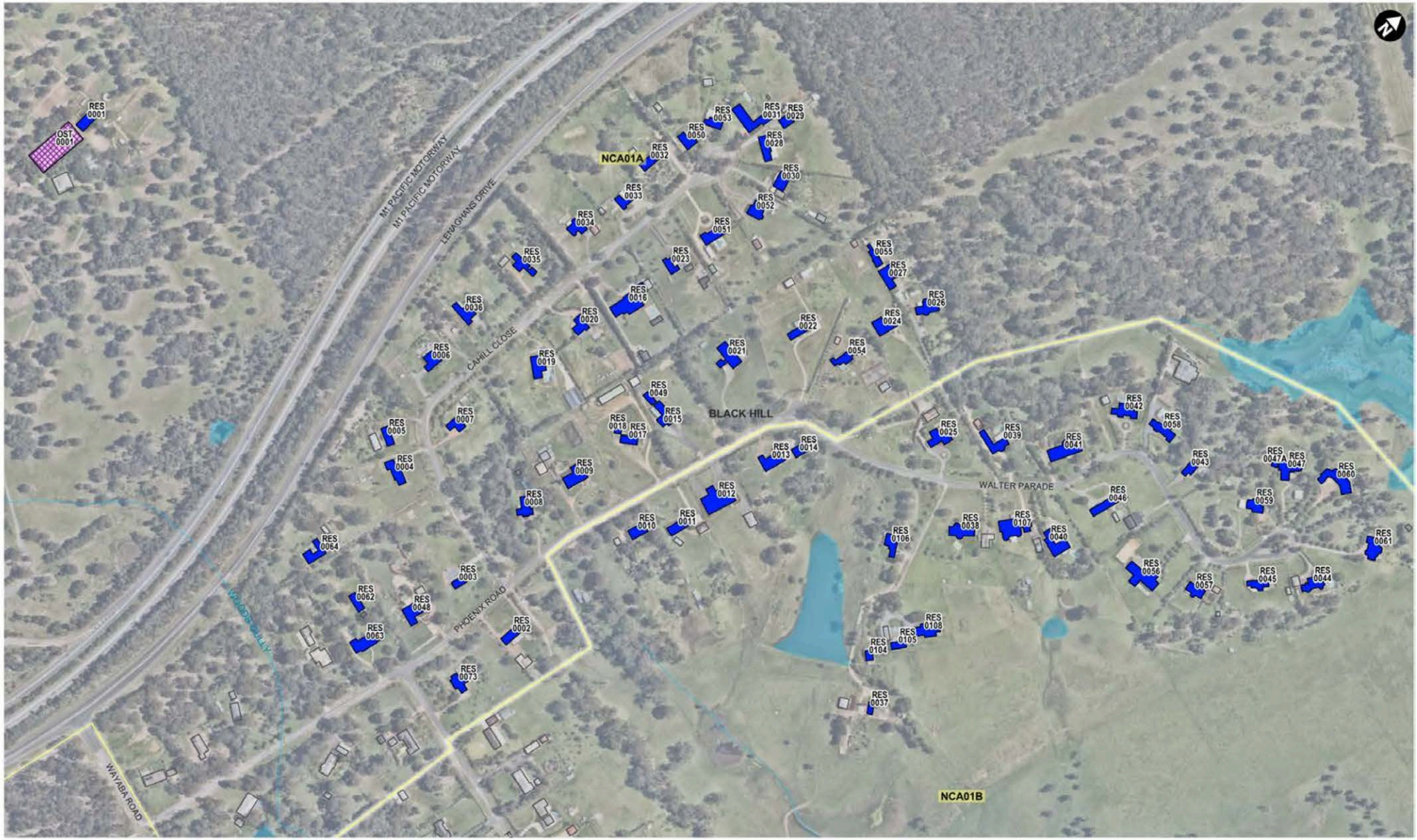


Figure TL081-01.6.2.1.1 Q42 (r2) New and redeveloped roads

D.3 Receiver ID’s



Sensitive receiver type

- Residential
- Childcare
- Educational
- Place of Worship
- Active recreation
- Passive recreation
- Non-assessed building
- Noise catchment area (NCA)
- Design alignment
- Waterways
- Main North Rail Line

50 0 50 100 m



Figure TL081-01.6.2.1.1 Q29 (r6) Operational sensitive receiver type and receiver ID



Sensitive receiver type

- Residential
- Childcare
- Educational
- Place of Worship
- Active recreation
- Passive recreation
- Non-assessed building
- Noise catchment area (NCA)
- Design alignment
- Waterways
- Main North Rail Line

Figure TL081-01.6.2.1.1 Q29 (r6) Operational sensitive receiver type and receiver ID



Figure TL081-01.6.2.1.1 Q29 (r6) Operational sensitive receiver type and receiver ID



Sensitive receiver type

- Residential
- Childcare
- Educational
- Place of Worship
- Active recreation
- Passive recreation
- Non-assessed building
- Noise catchment area (NCA)
- Design alignment
- Waterways
- Main North Rail Line

50 0 50 100 m



Figure TL081-01.6.2.1.1 Q29 (r6) Operational sensitive receiver type and receiver ID

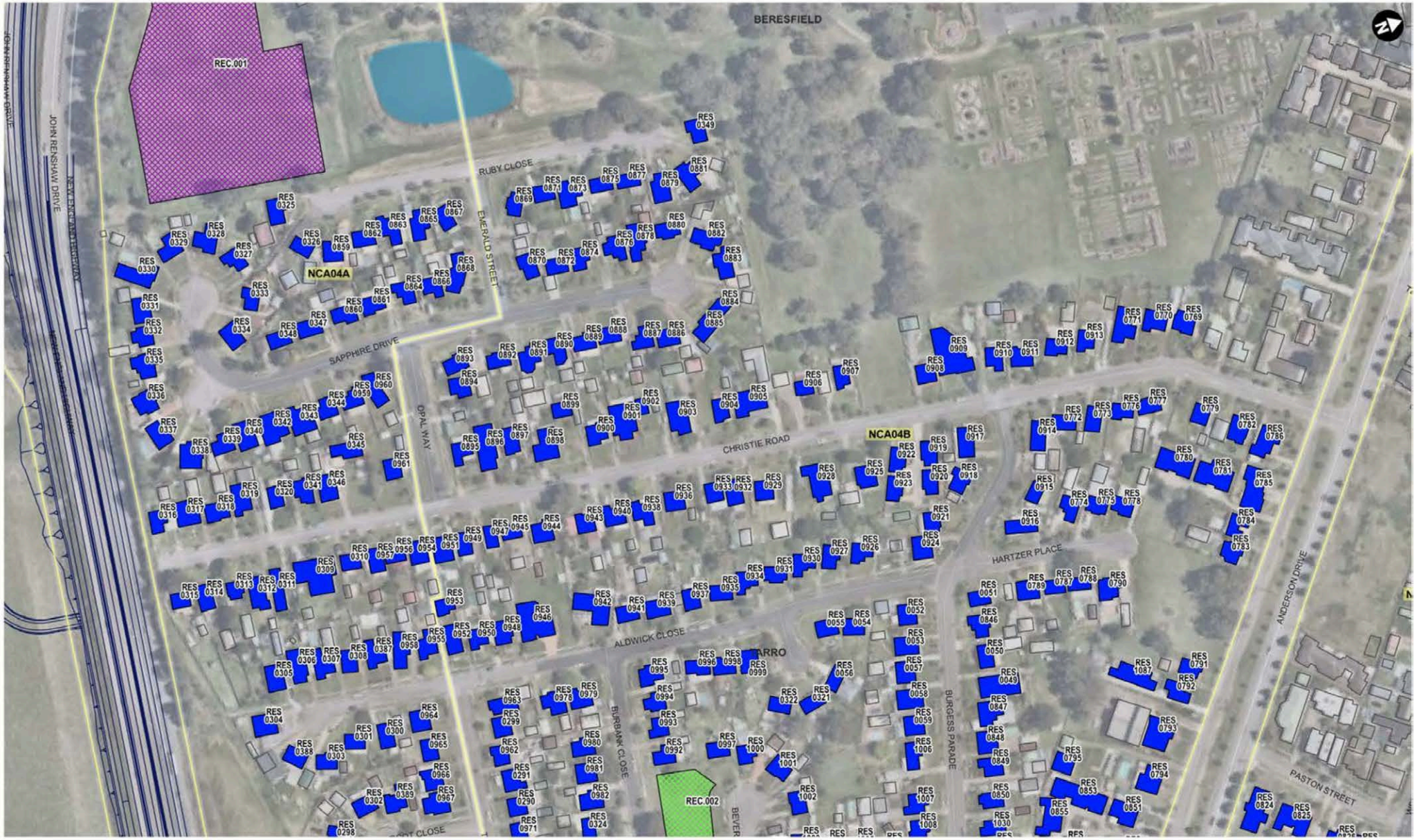


Figure TL081-01.6.2.1.1 Q29 (r6) Operational sensitive receiver type and receiver ID



Sensitive receiver type

- Residential
- Childcare
- Educational
- Place of Worship
- Active recreation
- Passive recreation
- Non-assessed building
- Noise catchment area (NCA)
- Design alignment
- Waterways
- Main North Rail Line

50 0 50 100 m



Figure TL081-01.6.2.1.1 Q29 (r6) Operational sensitive receiver type and receiver ID



Figure TL081-01.6.2.1.1 Q29 (r6) Operational sensitive receiver type and receiver ID

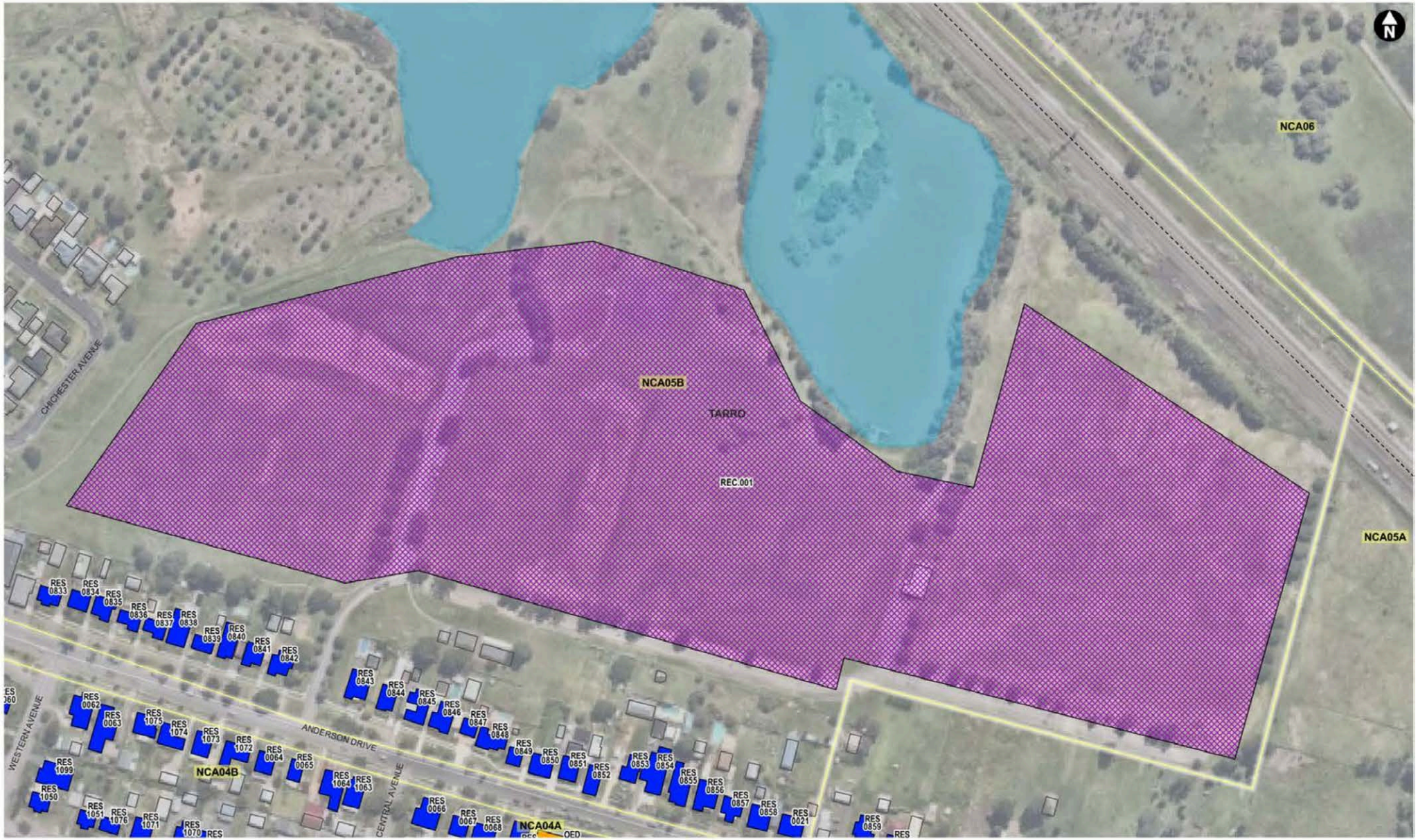
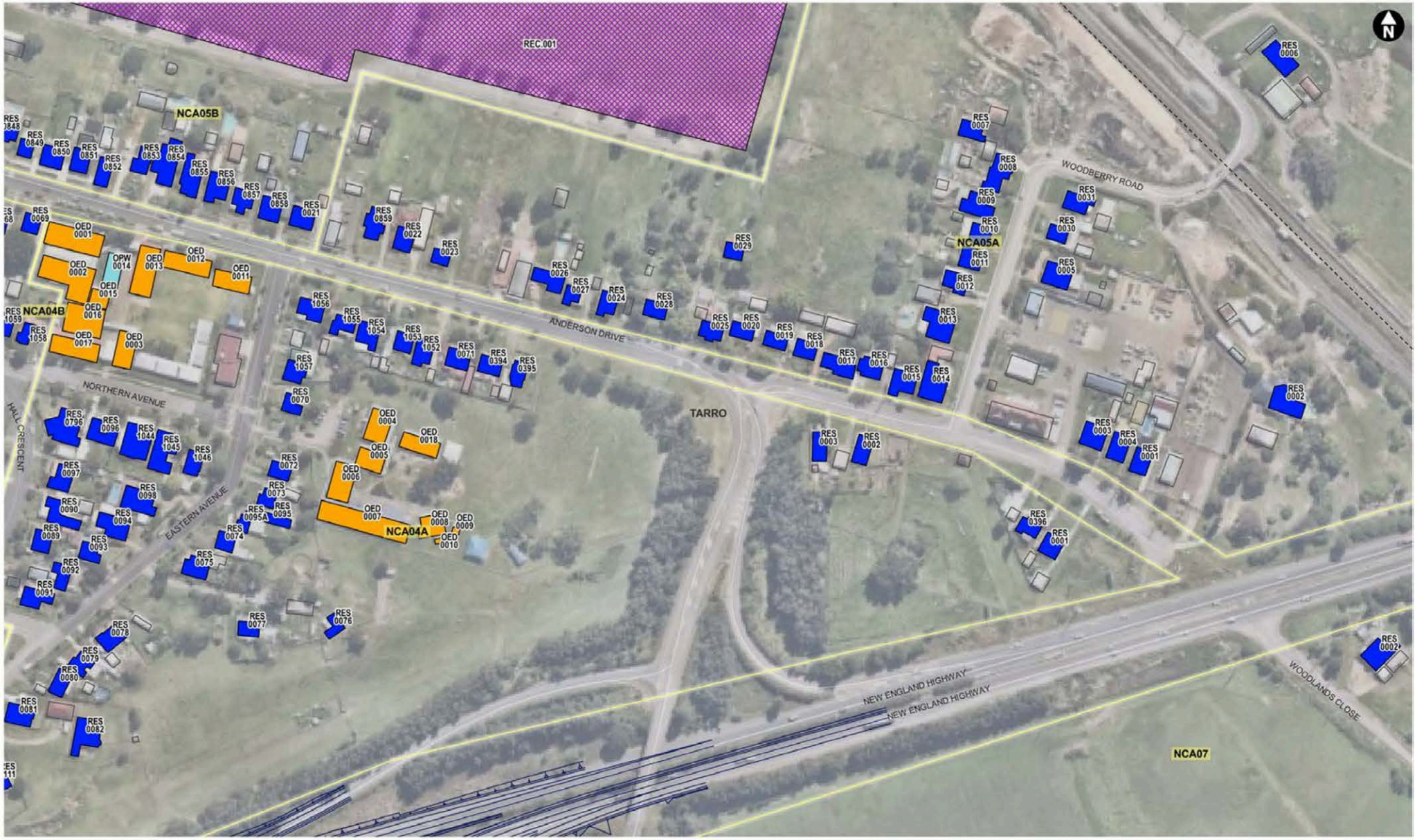


Figure TL081-01.6.2.1.1 Q29 (r6) Operational sensitive receiver type and receiver ID



Sensitive receiver type

- Residential
- Childcare
- Educational
- Place of Worship
- Active recreation
- Passive recreation
- Non-assessed building
- Noise catchment area (NCA)
- Design alignment
- Waterways
- Main North Rail Line

50 0 50 100 m





Figure TL081-01.6.2.1.1 Q29 (r6) Operational sensitive receiver type and receiver ID



Figure TL081-01.6.2.1.1 Q29 (r6) Operational sensitive receiver type and receiver ID



Figure TL081-01.6.2.1.1 Q29 (r6) Operational sensitive receiver type and receiver ID



Sensitive receiver type

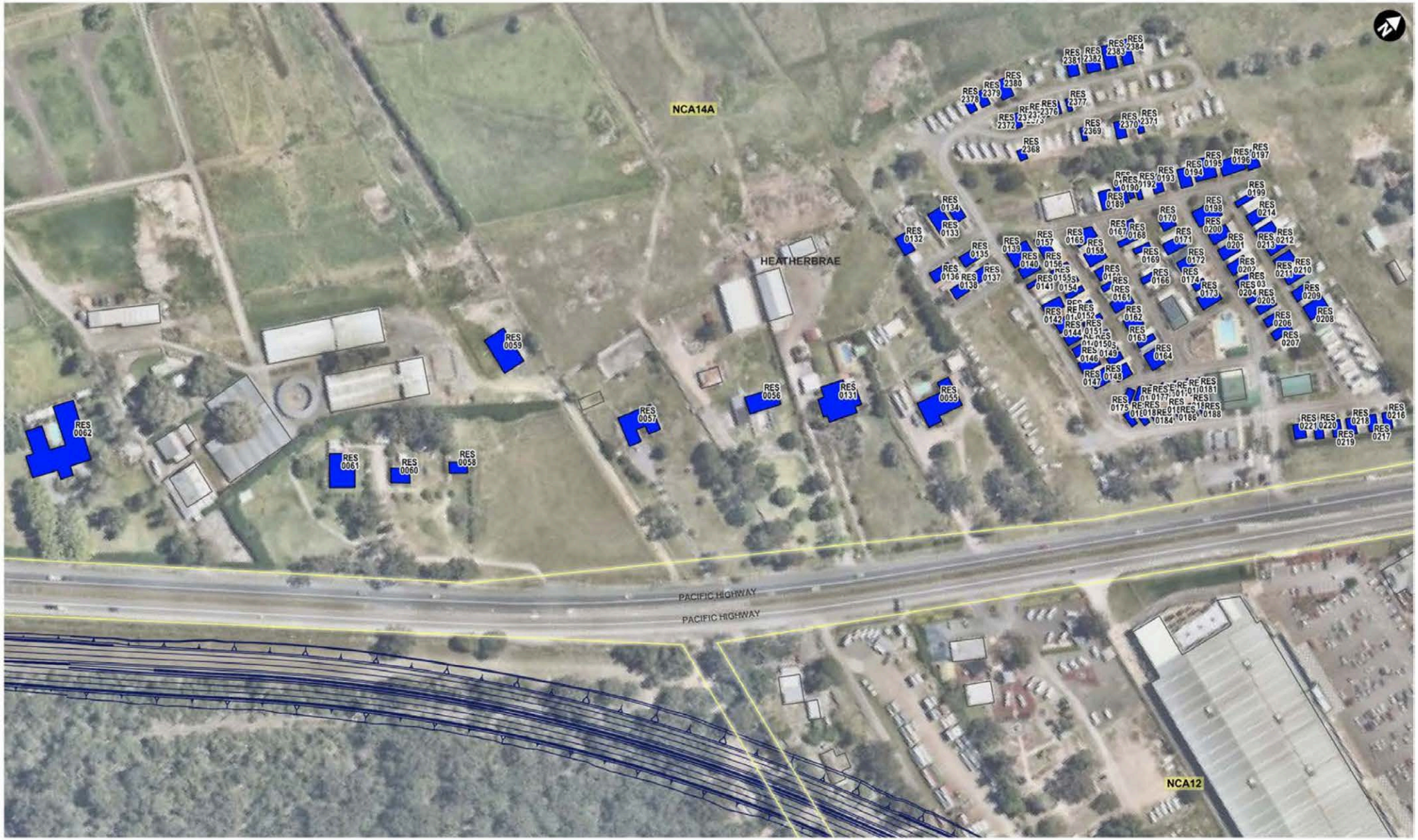
- Residential
- Childcare
- Educational
- Place of Worship
- Active recreation
- Passive recreation
- Non-assessed building
- Noise catchment area (NCA)
- Design alignment
- Waterways
- Main North Rail Line

50 0 50 100 m





Figure TL081-01.6.2.1.1 Q29 (r6) Operational sensitive receiver type and receiver ID



Sensitive receiver type

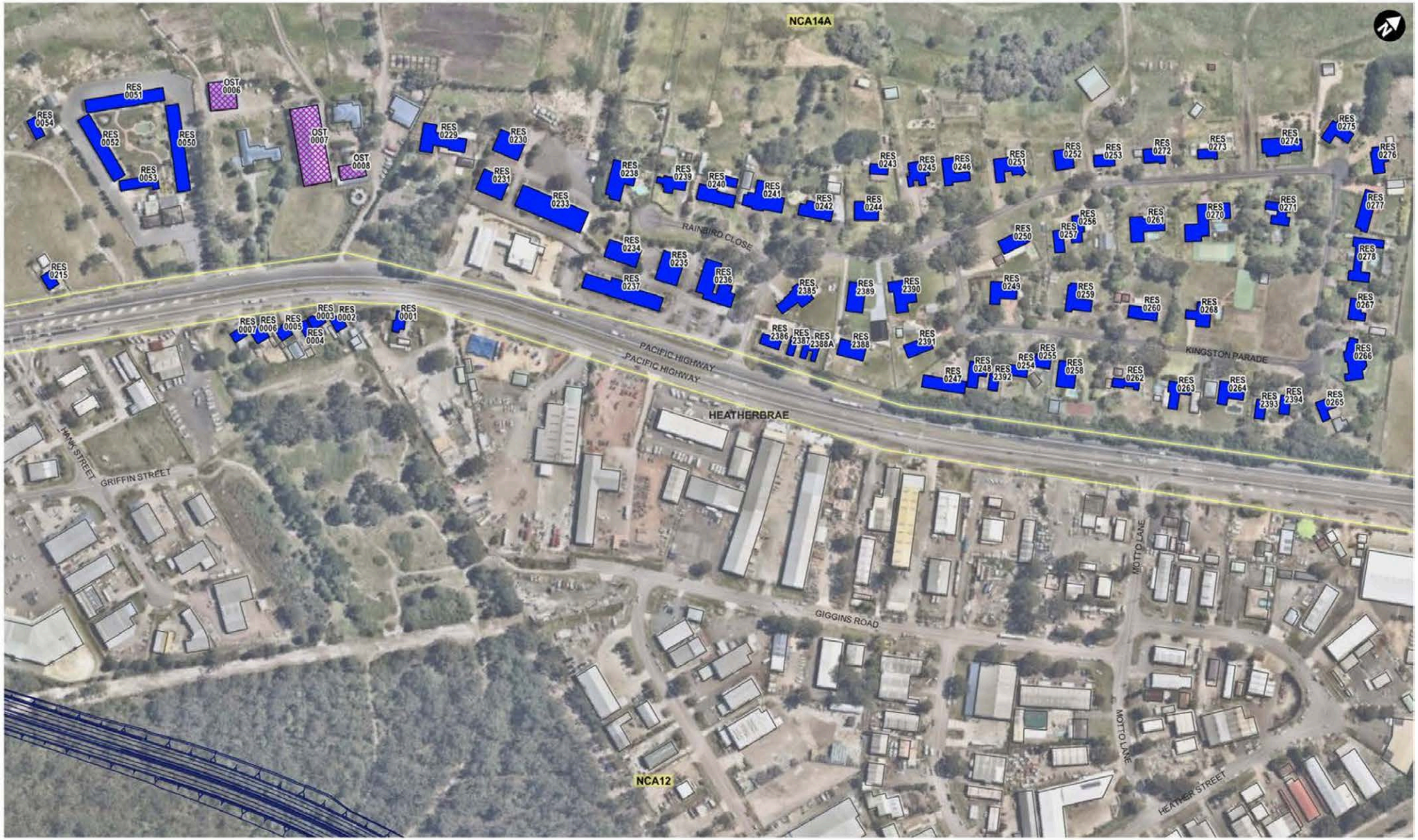
- Residential
- Childcare
- Educational
- Place of Worship
- Active recreation
- Passive recreation
- Non-assessed building
- Noise catchment area (NCA)
- Design alignment
- Waterways
- Main North Rail Line

50 0 50 100 m





Figure TL081-01.6.2.1.1 Q29 (r6) Operational sensitive receiver type and receiver ID



Sensitive receiver type

- Residential
- Childcare
- Educational
- Place of Worship
- Active recreation
- Passive recreation
- Non-assessed building
- Noise catchment area (NCA)
- Design alignment
- Waterways
- Main North Rail Line

50 0 50 100 m





Figure TL081-01.6.2.1.1 Q29 (r6) Operational sensitive receiver type and receiver ID



Sensitive receiver type

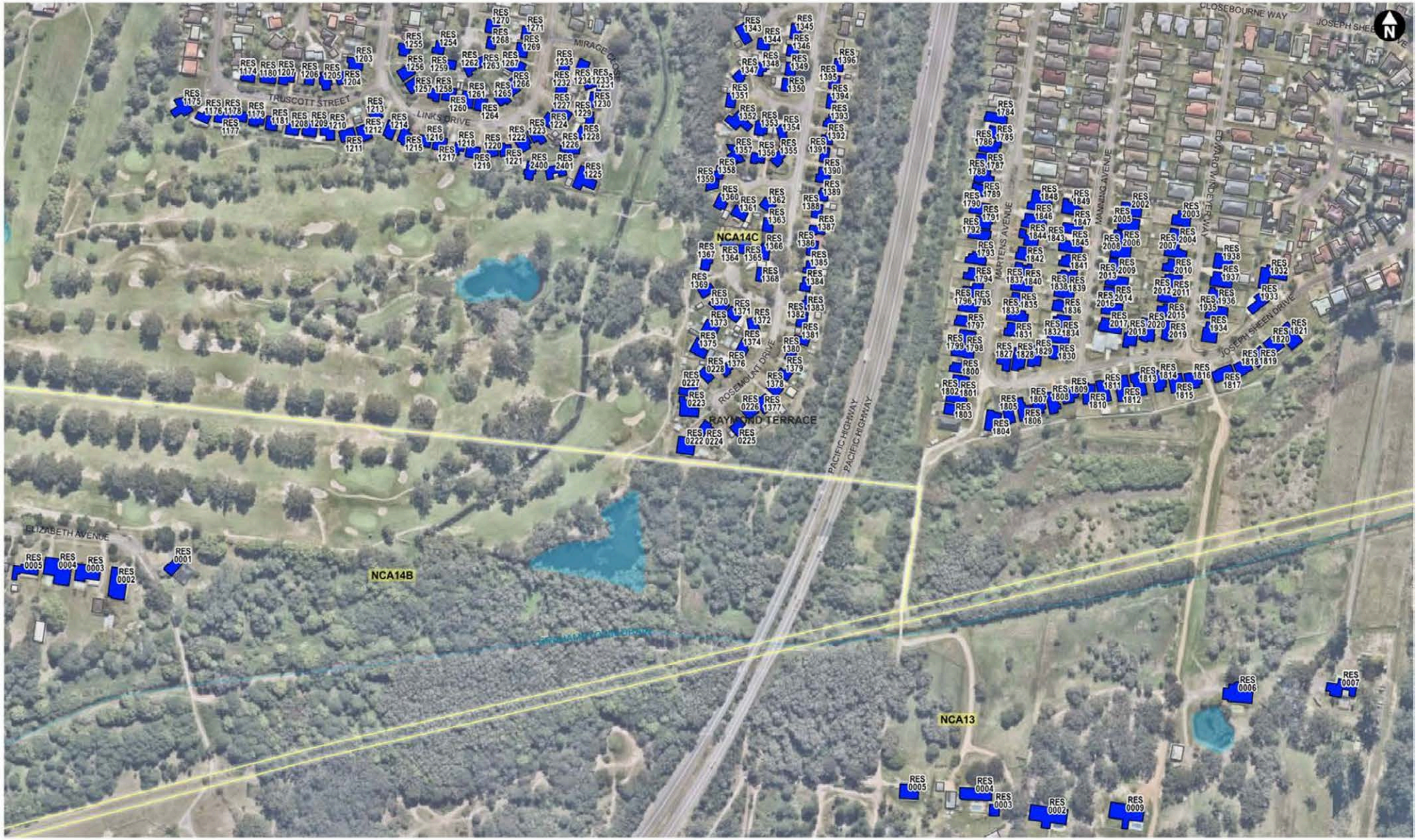
- Residential
- Childcare
- Educational
- Place of Worship
- Active recreation
- Passive recreation
- Non-assessed building
- Noise catchment area (NCA)
- Design alignment
- Waterways
- Main North Rail Line

50 0 50 100 m





Figure TL081-01.6.2.1.1 Q29 (r6) Operational sensitive receiver type and receiver ID



Sensitive receiver type

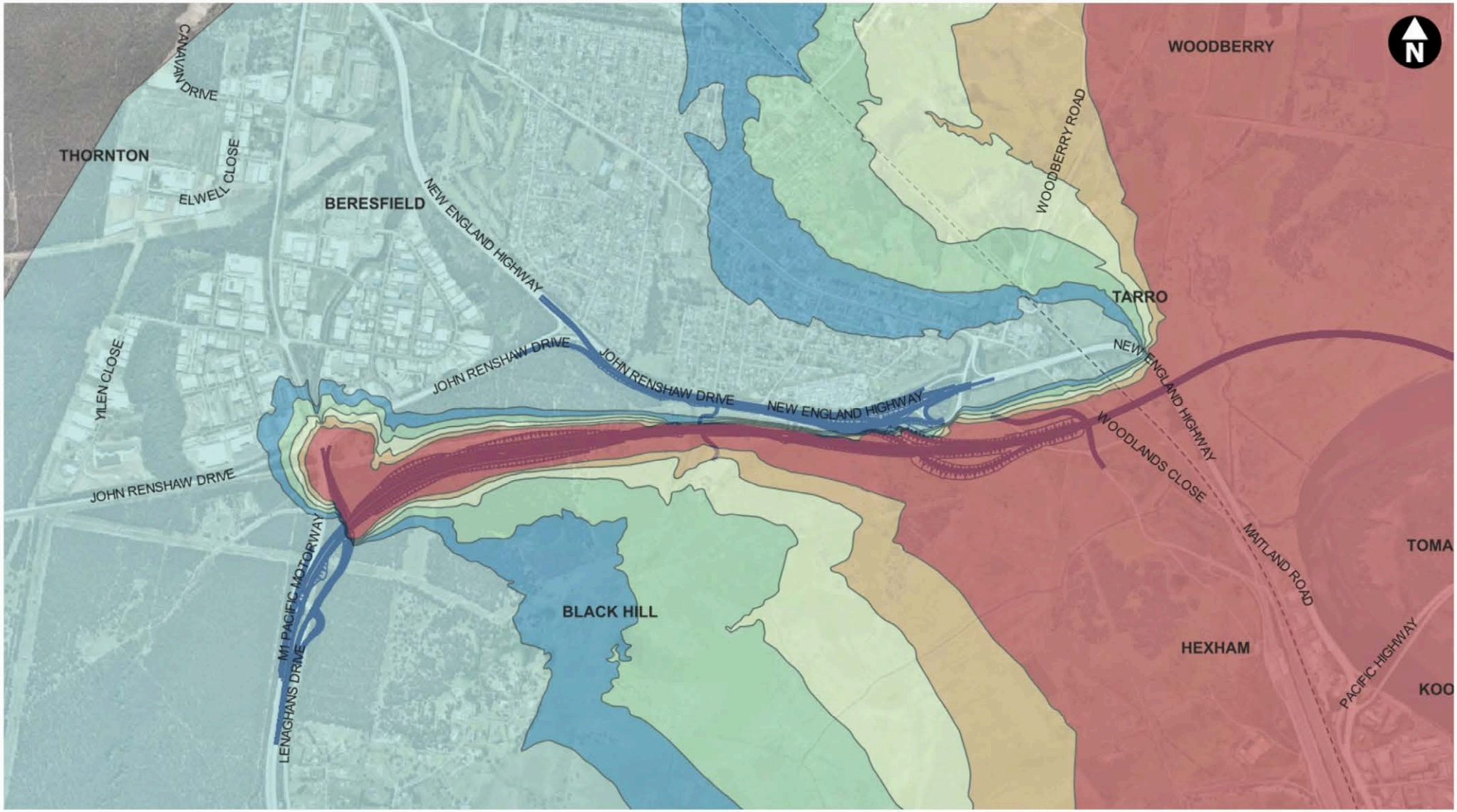
- Residential
- Childcare
- Educational
- Place of Worship
- Active recreation
- Passive recreation
- Non-assessed building
- Noise catchment area (NCA)
- Design alignment
- Waterways
- Main North Rail Line

50 0 50 100 m



Figure TL081-01.6.2.1.1 Q29 (r6) Operational sensitive receiver type and receiver ID

D.4 NCG transition zones



Transition zone

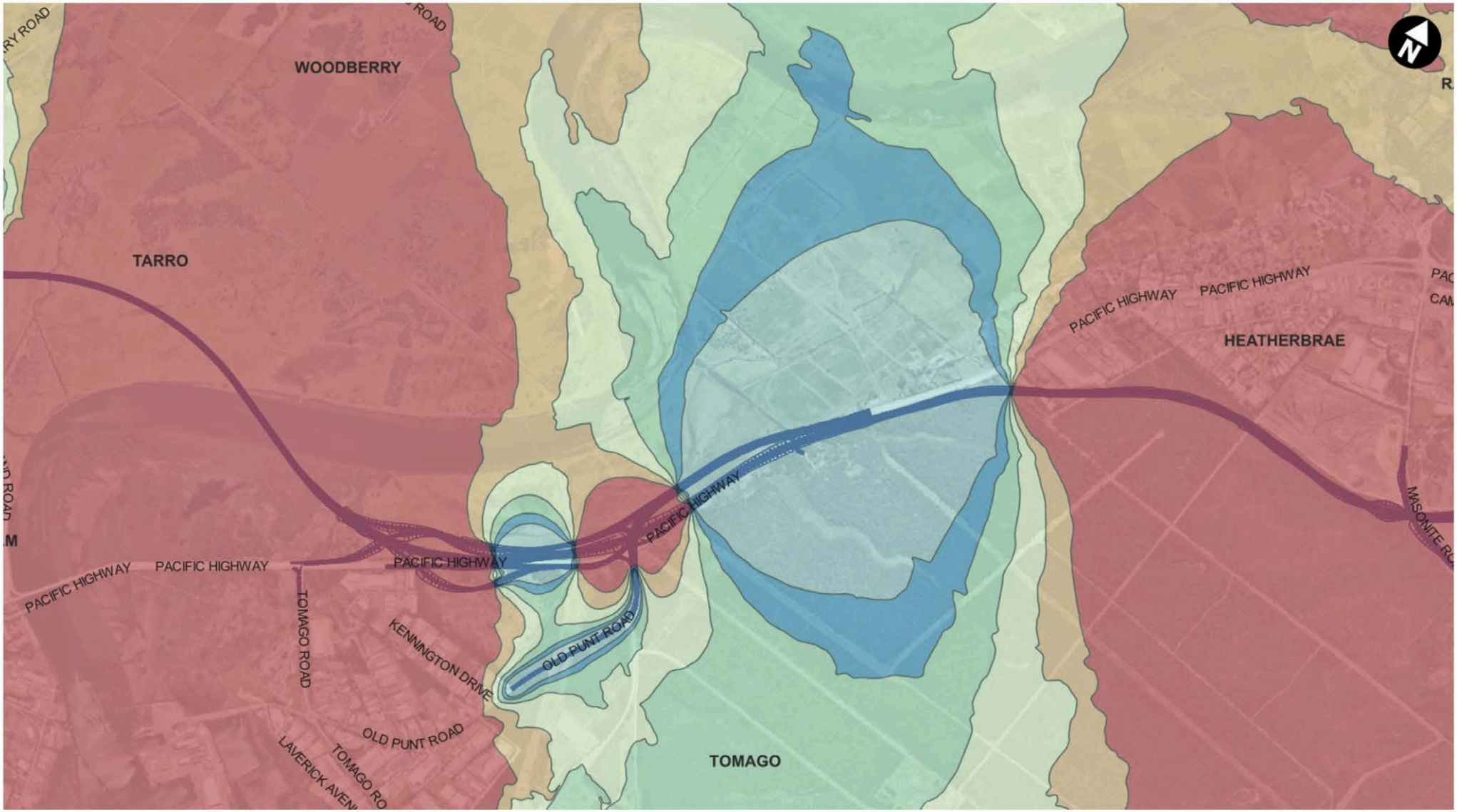
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- -1.5 > Contribution difference =>-3.0 (Criteria: Day 59dB(A))
- 0 > Contribution difference =>-1.5 (Criteria: Day 58dB(A))
- +1.5 > Contribution difference =>0 (Criteria: Day 57dB(A))
- +3.0 > Contribution difference =>+1.5 (Criteria: Day 56dB(A))
- Contribution difference =>+3.0 (Criteria: Day 55dB(A))
- Design alignment

400 0 400 800 m





Figure TL081-01.6.2.1.1 Q43 (r3) Transition zone - day



Transition zone

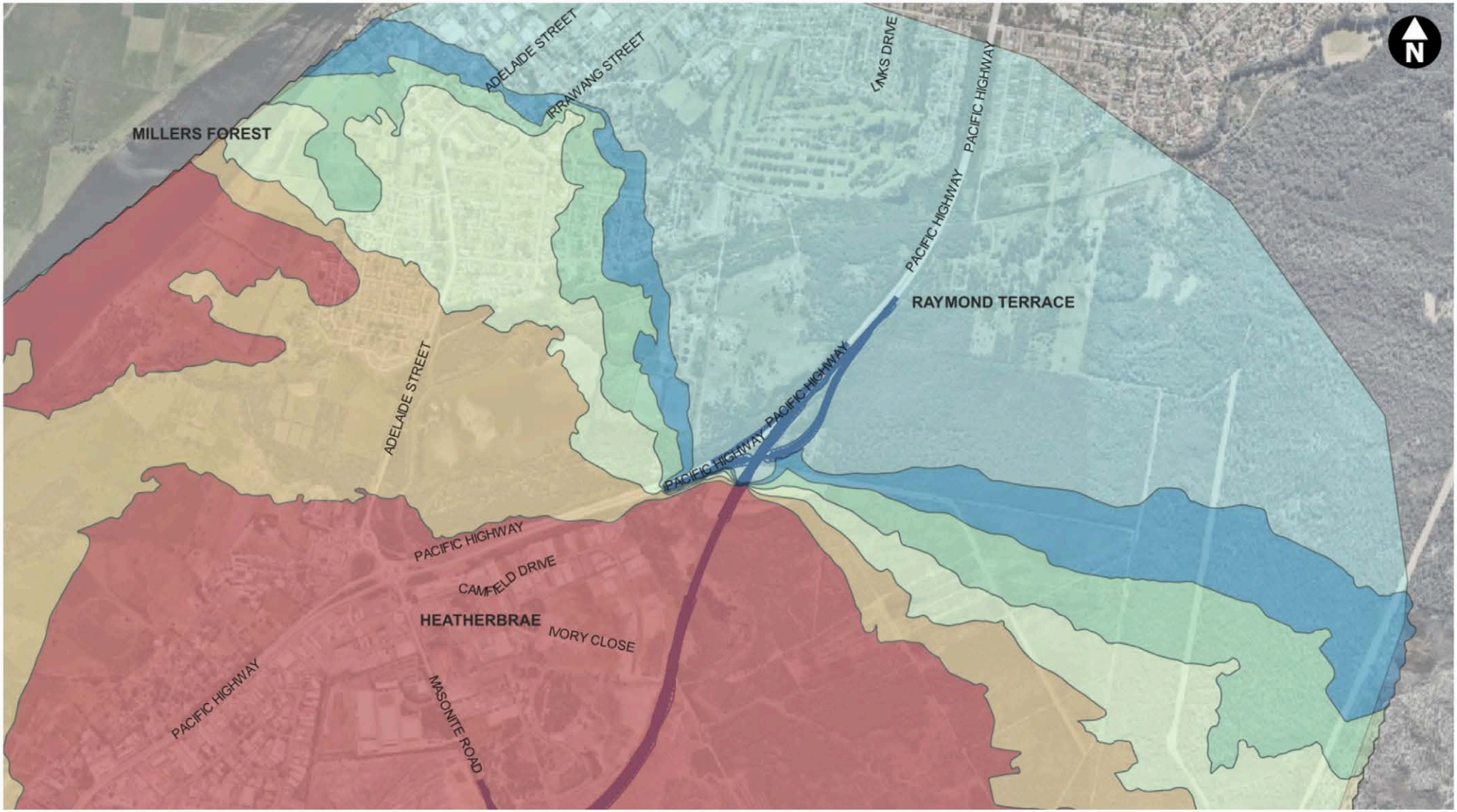
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- -1.5 > Contribution difference =>-3.0 (Criteria: Day 59dB(A))
- 0 > Contribution difference =>-1.5 (Criteria: Day 58dB(A))
- +1.5 > Contribution difference =>0 (Criteria: Day 57dB(A))
- +3.0 > Contribution difference =>+1.5 (Criteria: Day 56dB(A))
- Contribution difference =>+3.0 (Criteria: Day 55dB(A))
- Design alignment

400 0 400 800 m





Figure TL081-01.6.2.1.1 Q43 (r3) Transition zone - day



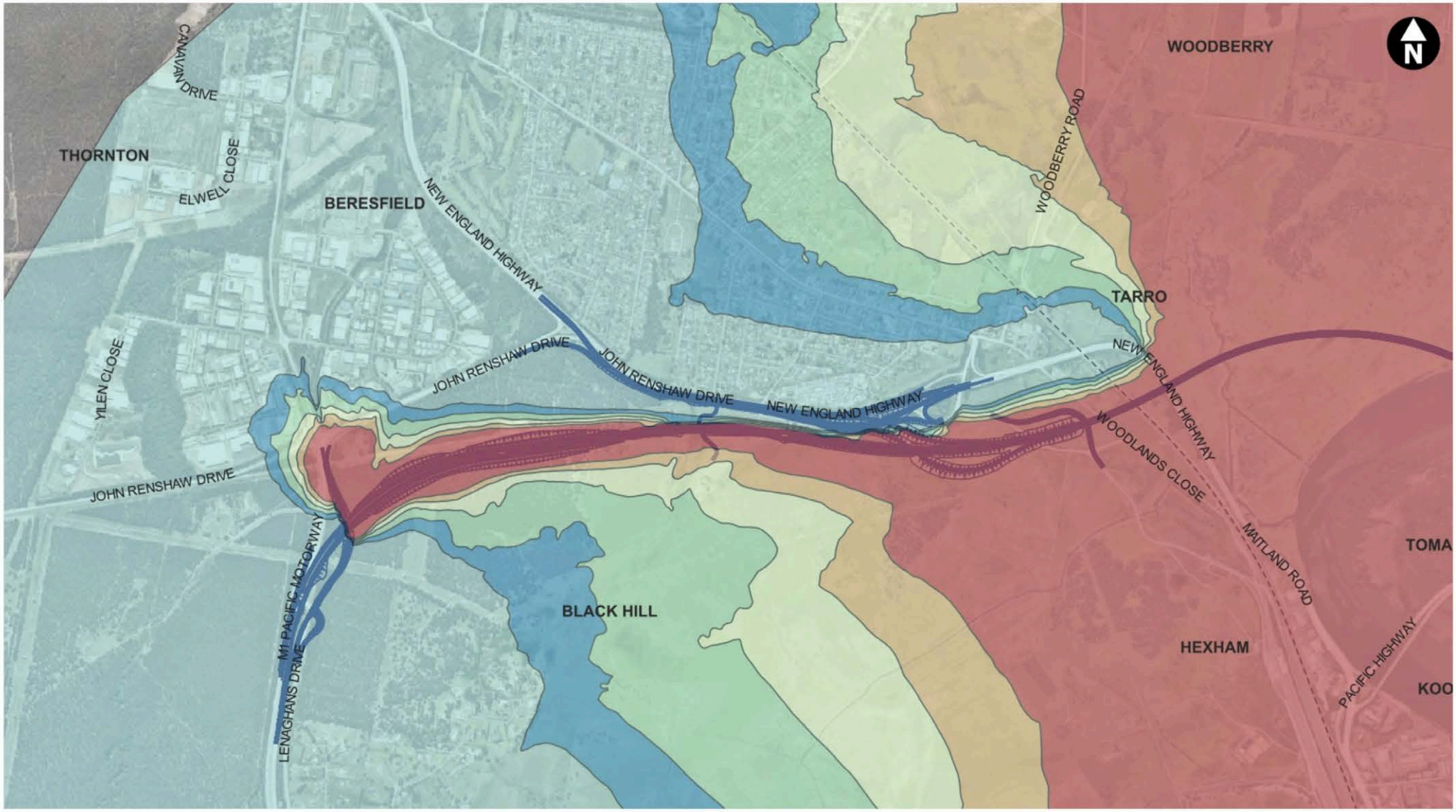
Transition zone

- -3.0 > Contribution difference (Criteria: Day 60dB(A))
- -1.5 > Contribution difference =>-3.0 (Criteria: Day 59dB(A))
- 0 > Contribution difference =>-1.5 (Criteria: Day 58dB(A))
- +1.5 > Contribution difference =>0 (Criteria: Day 57dB(A))
- +3.0 > Contribution difference =>+1.5 (Criteria: Day 56dB(A))
- Contribution difference =>+3.0 (Criteria: Day 55dB(A))
- Design alignment

400 0 400 800 m



Figure TL081-01.6.2.1.1 Q43 (r3) Transition zone - day



Transition zone

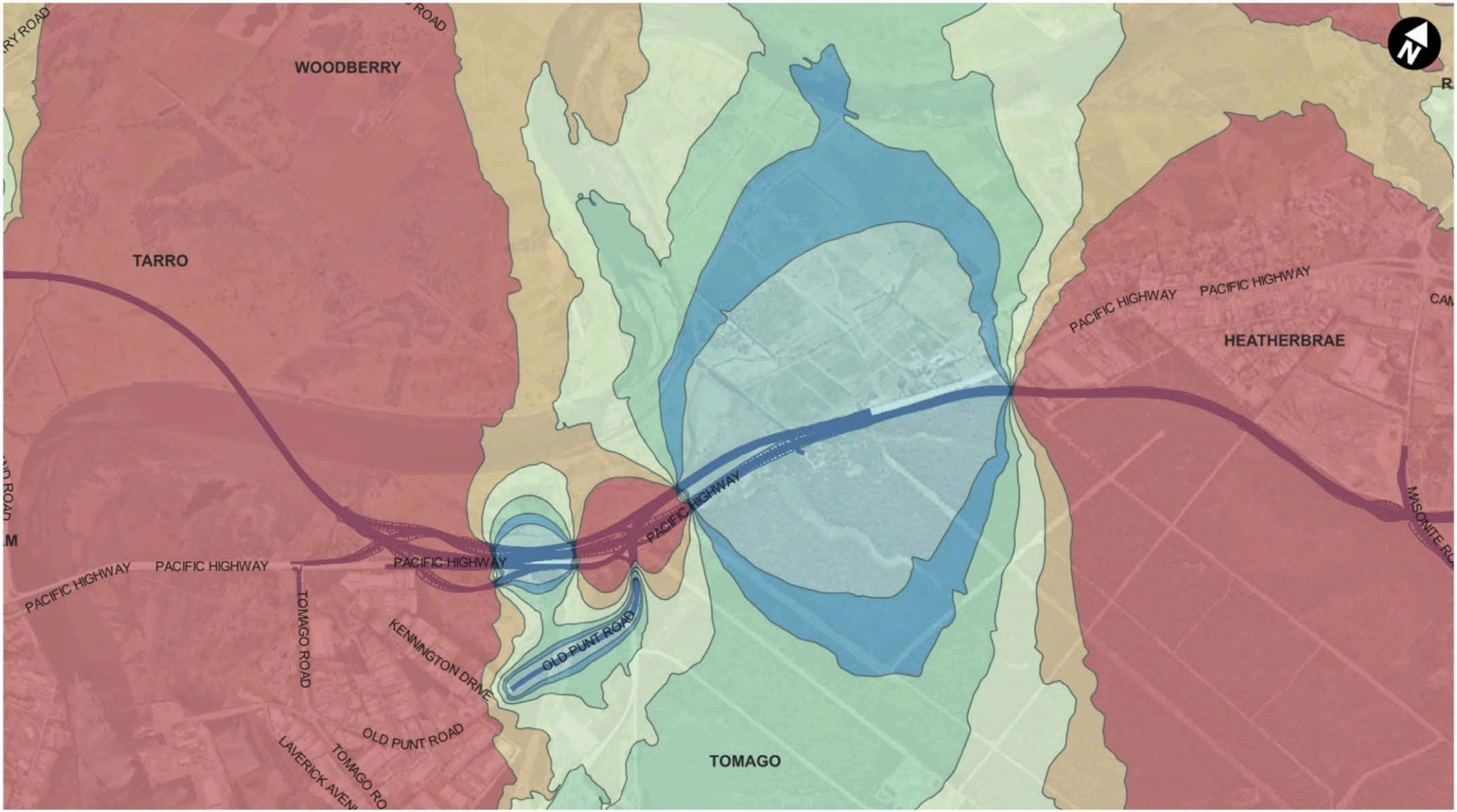
- -3.0 > Contribution difference (Criteria: Night 55dB(A))
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- +1.5 > Contribution difference =>0 (Criteria: Night 52dB(A))
- +3.0 > Contribution difference =>+1.5 (Criteria: Night 51dB(A))
- Contribution difference =>+3.0 (Criteria: Night 50dB(A))
- Design alignment

250 0 250 500 m





Figure TL081-01.6.2.1.1 Q44 (r3) Transition zone - night



Transition zone

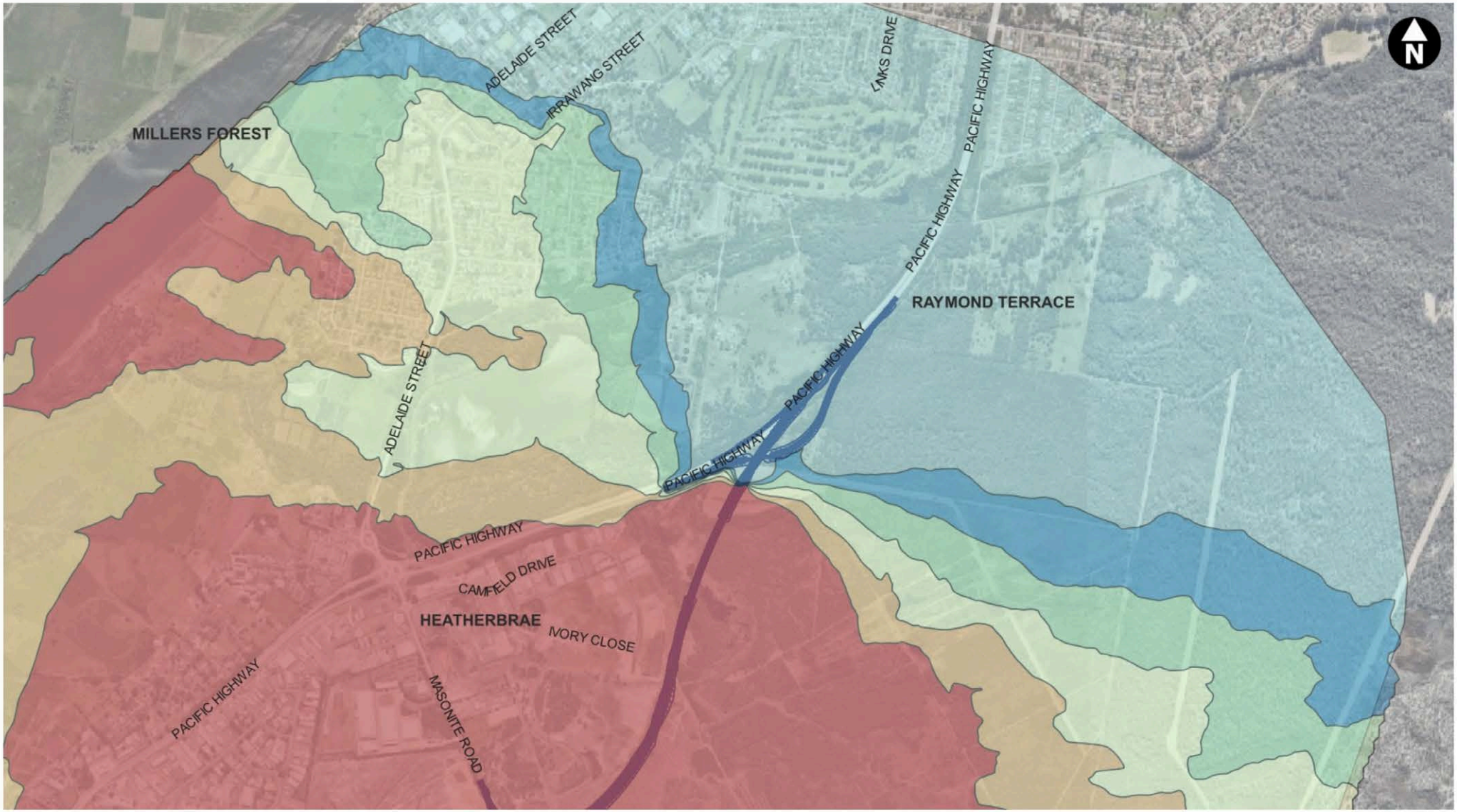
- -3.0 > Contribution difference (Criteria: Night 55dB(A))
- -1.5 > Contribution difference =>-3.0 (Criteria: Night 54dB(A))
- 0 > Contribution difference =>-1.5 (Criteria: Night 53dB(A))
- +1.5 > Contribution difference =>0 (Criteria: Night 52dB(A))
- +3.0 > Contribution difference =>+1.5 (Criteria: Night 51dB(A))
- Contribution difference =>+3.0 (Criteria: Night 50dB(A))
- Design alignment

250 0 250 500 m





Figure TL081-01.6.2.1.1 Q44 (r3) Transition zone - night



Transition zone

- -3.0 > Contribution difference (Criteria: Night 55dB(A))
- -1.5 > Contribution difference =>-3.0 (Criteria: Night 54dB(A))
- 0 > Contribution difference =>-1.5 (Criteria: Night 53dB(A))
- +1.5 > Contribution difference =>0 (Criteria: Night 52dB(A))
- +3.0 > Contribution difference =>+1.5 (Criteria: Night 51dB(A))
- Contribution difference =>+3.0 (Criteria: Night 50dB(A))
- Design alignment

250 0 250 500 m

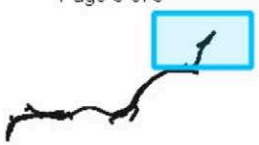




Figure TL081-01.6.2.1.1 Q44 (r3) Transition zone - night

D.5 2016 traffic volume data (for validation)

Table D.1 Year 2016 traffic volumes (for validation)

Traffic survey location	Direction	Average hourly traffic 7am to 10pm (15 hour)			Average hourly traffic 10pm to 7am (9 hour)		
		Total vehicles	% heavy vehicles	Speed[1] (km/h)	Total vehicles	% heavy vehicles	Speed[1] (km/h)
M1 Pacific Motorway, Beresfield	Northbound	864	15.0	99	227	31.3	99
	Southbound	914	16.3	94	239	34.0	90
New England Highway, Tarro	Eastbound	1,687	12.0	81	553	15.7	85
	Westbound	1,788	11.4	83	436	21.5	84
Pacific Highway, Tomago	Northbound	1,007	11.9	84	221	25.2	85
	Southbound	966	12.3	81	264	24.9	82
Pacific Highway, Heatherbrae	Northbound	706	14.4	101	150	32.9	100
	Southbound	698	11.7	91	208	25.9	90

Notes: 1. Based on average speeds from 2016 traffic survey.

D.6 2028 traffic volume data – Do minimum

Table D.2 Year 2028 (opening year) ‘Do minimum’ traffic volumes

Road	Direction	Average hourly traffic 7am to 10pm (15 hour)			Average hourly traffic 10pm to 7am (9 hour)		
		Total vehicles	% heavy vehicles	Speed[1] (km/h)	Total vehicles	% heavy vehicles	Speed[1] (km/h)
Pacific Motorway M1 (south of Weakleys Drive)	Northbound	1,509	14.6	110	492	18.1	110
	Southbound	1,131	16.7	110	368	23.4	110
John Renshaw Drive B68 (west of Weakleys Drive)	Eastbound	656	15.1	80	240	15.4	80
	Westbound	551	18.5	80	196	19.4	80
John Renshaw Drive A1 (east of Weakleys Drive)	Eastbound	1,327	16.6	80	431	22.5	80
	Westbound	1,257	16.7	80	408	22.8	80
John Renshaw Drive A1 slip lane (to Pacific Motorway M1 southbound)	Westbound	483	26.7	80	177	35.6	80
John Renshaw Drive A1 slip lane (to New England Highway A43 westbound)	Eastbound	70	14.3	90	23	17.4	90
John Renshaw Drive A1 on ramp (to New England Highway A1 eastbound)	Eastbound	1,256	16.7	80	407	22.9	80
New England Highway A1 off ramp (to John Renshaw Drive A1 westbound)	Westbound	1,257	16.7	80	408	22.8	80
New England Highway A1 (between John Renshaw Drive ramps & Anderson Drive ramps)	Eastbound	2,797	10.2	90	786	14.1	90
	Westbound	2,168	14.2	90	641	21.1	90
New England Highway A1 (between Anderson Drive off/on ramps)	Eastbound	2,711	10.1	80	761	14.1	80
	Westbound	1,915	13.4	80	571	19.6	80
New England Highway A1 on ramp (from Anderson Drive)	Westbound	260	20.8	90	73	32.9	90
	Eastbound	314	3.2	80	90	5.6	80
New England Highway A1 off ramp (to Anderson Drive)	Westbound	109	8.3	90	28	14.3	90
	Eastbound	87	10.3	60	25	16.0	60
New England Highway A1 (between Anderson Drive ramps & Pacific Highway)	Eastbound / Southbound	3,022	9.4	80	845	13.1	80
	Westbound / Northbound	2,025	13.1	80	603	19.2	80
New England Highway A1 off ramp (to Pacific Highway A1)	Westbound	1,043	14.2	80	337	19.0	80
New England Highway A43 (to Pacific Highway A43)	Southbound	1,861	6.9	80	522	7.5	80

Road	Direction	Average hourly traffic 7am to 10pm (15 hour)			Average hourly traffic 10pm to 7am (9 hour)		
		Total vehicles	% heavy vehicles	Speed[1] (km/h)	Total vehicles	% heavy vehicles	Speed[1] (km/h)
Pacific Highway A1 on ramp (from Pacific Highway A43)	Northbound	666	11.6	80	218	9.6	80
Pacific Highway A43 (south of Pacific Highway A1)	Northbound	1,368	10.6	80	400	13.5	80
	Southbound	2,496	7.5	80	707	8.2	80
Pacific Highway A1 right turn to New England Highway A1	Westbound	612	19.4	80	219	24.7	80
Pacific Highway A1 left turn to Pacific Highway A43	Southbound	760	8.7	80	224	14.3	80
Pacific Highway A1 (between New England Highway A1 & Tomago Road)	Northbound	1,725	13.0	80	563	17.1	80
	Southbound	1,373	13.5	80	444	19.6	80
Pacific Highway A1 (between Tomago Road & Old Punt Road)	Northbound	1,005	15.8	80	294	22.4	80
	Southbound	1,224	11.6	80	399	17.0	80
Pacific Highway A1 (between Old Punt Road & Hank Street)	Northbound	1,106	17.4	70	304	29.3	70
	Southbound	1,370	11.2	70	414	18.8	70
Pacific Highway A1 (between Hank Street & Kingston Parade)	Northbound	1,110	17.3	70	288	29.2	70
	Southbound	1,427	10.6	70	396	18.4	70
Pacific Highway A1 (between Kingston Parade & Motto Lane)	Northbound	1,126	17.1	70	293	29.0	70
	Southbound	1,443	10.6	70	401	18.5	70
Pacific Highway A1 (between Motto Lane & Adelaide Street)	Northbound	1,067	17.7	70	279	29.7	70
	Southbound	1,495	10.3	70	418	18.2	70
Pacific Highway A1 (between Adelaide Street & Richardson Road)	Northbound	648	24.8	110	204	42.2	110
	Southbound	1,168	13.0	110	369	24.4	110
Weakleys Drive (between John Renshaw Drive & Enterprise Drive)	Northbound	947	11.6	60	300	12.3	60
	Southbound	683	12.6	60	208	15.4	60
Weakleys Drive (north of Enterprise Drive)	Northbound	688	11.2	60	210	12.9	60
	Southbound	860	8.4	60	254	9.8	60
New England Highway A43 (north of John Renshaw Drive)	Northbound	1,239	8.9	90	314	10.8	90
	Southbound	1,619	4.7	90	407	5.2	90

Road	Direction	Average hourly traffic 7am to 10pm (15 hour)			Average hourly traffic 10pm to 7am (9 hour)		
		Total vehicles	% heavy vehicles	Speed[1] (km/h)	Total vehicles	% heavy vehicles	Speed[1] (km/h)
Anderson Drive (west of New England Highway ramps)	Eastbound	106	0.9	50	23	0	50
	Westbound	3	0	50	1	0	50
Anderson Drive (east of New England Highway ramps) and Woodberry Road	Eastbound / Northbound	145	9.0	60	40	15.0	60
	Westbound / Southbound	364	13.7	60	110	20.9	60
Tomago Road (between Pacific Highway A1 & Old Punt Road)	Northbound	155	30.3	60	52	26.9	60
	Southbound	636	9.6	60	287	6.6	60
Tomago Road (south of Old Punt Road)	Westbound	123	18.7	60	47	14.9	60
	Eastbound	450	9.1	60	210	5.7	60
Old Punt Road (between Tomago Road & Foresight Avenue)	Eastbound	199	16.1	60	112	9.8	60
	Westbound	89	34.8	60	43	23.3	60
Old Punt Road (between Foresight Avenue & Martin Drive)	Eastbound	151	21.2	60	84	14.3	60
	Westbound	73	32.9	60	35	22.9	60
Old Punt Road (between Martin Drive & Kennington Drive)	Northbound	112	32.1	60	58	24.1	60
	Southbound	58	31.0	60	27	22.2	60
Old Punt Road (between Kennington Drive & private road)	Northbound	72	54.2	60	32	46.9	60
	Southbound	44	29.5	60	18	16.7	60
Old Punt Road (between private road & Pacific Highway A1)	Northbound	80	52.5	60	36	44.4	60
	Southbound	78	19.2	60	44	9.1	60
Adelaide Street (between Pacific Highway A1 & Speedy Lock Lane)	Northbound	376	8.2	70	72	12.5	70
	Southbound	502	5.0	70	120	5.8	70
Adelaide Street (north of Speedy Lock Lane)	Northbound	304	9.2	70	56	14.3	70
	Southbound	430	5.6	70	98	7.1	70
Masonite Road (between Pacific Highway A1 & Camfield Drive)	Northbound	122	13.9	70	22	18.2	70
	Southbound	302	9.3	70	77	9.1	70
Masonite Road (south of Camfield Drive)	Northbound	120	7.5	60	19	15.8	60
	Southbound	131	11.5	60	45	6.7	60

Notes 1. Based on posted speeds.

D.7 2028 traffic volume data – With project

Table D.3 Year 2028 (opening year) 'With project' traffic volumes

Road	Direction	Average hourly traffic 7am to 10pm (15 hour)			Average hourly traffic 10pm to 7am (9 hour)		
		Total vehicles	% heavy vehicles	Speed[1] (km/h)	Total vehicles	% heavy vehicles	Speed[1] (km/h)
Pacific Motorway M1 (south of ramps to/from John Renshaw Drive)	Northbound	1,175	14.0	110	400	16.5	110
	Southbound	1,292	15.2	80	360	17.8	80
Pacific Motorway M1 (south of Weakleys Drive)	Northbound	1,175	14.0	110	400	16.5	110
	Southbound	1,167	12.8	80	324	20.1	80
John Renshaw Drive B68 (west of Weakleys Drive)	Eastbound	719	15.7	80	255	16.1	80
	Westbound	611	14.2	80	207	16.4	80
John Renshaw Drive A1 (east of Weakleys Drive)	Eastbound	1,182	14.6	80	371	20.5	80
	Westbound	1,032	13.9	80	324	22.8	80
John Renshaw Drive A1 slip lane (to Pacific Motorway M1 southbound)	Westbound	468	16.5	80	147	27.2	80
John Renshaw Drive A1 slip lane (to New England Highway A43 westbound)	Eastbound	81	3.7	90	24	8.3	90
John Renshaw Drive A1 on ramp (to New England Highway A1 eastbound)	Westbound	1,098	15.5	80	346	21.4	80
New England Highway A1 off ramp (to John Renshaw Drive A1 westbound)	Westbound	1,032	13.9	80	324	22.8	80
New England Highway A1 (between John Renshaw Drive ramps and Anderson Drive ramps)	Eastbound	1,933	9.3	90	598	9.0	90
	Westbound	2,223	10.8	90	631	13.6	90
Pacific Motorway M1 on ramp (from New England Highway A43)	Westbound	417	12.9	80	102	19.6	80
New England Highway A1 (between Anderson Drive off/on ramps and on/off ramps)	Eastbound	1,813	9.4	80	567	9.0	80
	Westbound	1,489	9.3	80	414	12.8	80
New England Highway A1 on ramp (from Anderson Drive)	Westbound	249	21.3	90	69	27.5	90
	Eastbound	261	3.8	80	83	6.0	80
New England Highway A1 off ramp (to Anderson Drive)	Westbound	197	4.1	90	42	7.1	90
	Eastbound	120	7.5	60	31	9.7	60
New England Highway A1 (between Anderson Drive ramps and Pacific Highway)	Eastbound / Southbound	2,157	8.6	80	649	11.4	80
	Westbound / Northbound	1,778	8.5	80	464	15.7	80

Road	Direction	Average hourly traffic 7am to 10pm (15 hour)			Average hourly traffic 10pm to 7am (9 hour)		
		Total vehicles	% heavy vehicles	Speed[1] (km/h)	Total vehicles	% heavy vehicles	Speed[1] (km/h)
New England Highway A1 off ramp (to Pacific Highway A1)	Westbound	356	13.2	80	151	13.9	80
New England Highway A43 (to Pacific Highway A43)	Southbound	1,686	7.8	80	494	7.9	80
Pacific Highway A1 on ramp (from Pacific Highway A43)	Northbound	699	10.6	80	223	9.0	80
Pacific Highway A43 (south of Pacific Highway A1)	Northbound	1,609	8.5	80	436	11.9	80
	Southbound	2,426	7.7	80	697	8.5	80
Pacific Highway A1 right turn to New England Highway A1	Westbound	117	10.3	80	33	21.2	80
Pacific Highway A1 left turn to Pacific Highway A43	Southbound	860	7.6	80	241	13.3	80
Pacific Highway A1 (between New England Highway A1 & Tomago Road)	Eastbound	1,084	11.3	80	383	13.8	80
	Westbound	982	7.8	80	275	14.2	80
Pacific Highway A1 (between Tomago Road & Pacific Motorway ramps)	Eastbound	601	11.1	80	154	12.3	80
	Westbound	699	6.6	80	202	7.9	80
Pacific Highway A1 (between Pacific Motorway & Old Punt Road interchange)	Eastbound	603	7.6	80	156	8.3	80
	Westbound	779	6.0	70	195	10.3	70
Pacific Highway A1 off ramp (to Old Punt Road)	Eastbound	48	20.8	80	19	15.8	80
Pacific Highway A1 on ramp (from Old Punt Road)	Westbound	241	9.5	60	40	12.5	60
Pacific Highway A1 on ramp (from Old Punt Road)	Eastbound	82	28.0	80	21	42.9	80
Pacific Highway A1 off ramp (to Old Punt Road)	Westbound	17	0	60	5	0	60
Pacific Highway A1 (between Old Punt Road & Hunter Region Botanic Gardens)	Eastbound	636	9.3	80	157	11.5	80
	Westbound	594	4.0	80	144	8.3	80
Pacific Highway A1 (between Hunter Region Botanic Gardens & Hank Street)	Eastbound	685	9.1	70	178	16.3	70
	Westbound	581	4.1	80	149	8.1	80
Pacific Highway A1 (between Hank Street & Kingston Parade)	Eastbound	747	8.7	70	158	19.0	70
	Westbound	555	4.0	70	129	8.5	70

Road	Direction	Average hourly traffic 7am to 10pm (15 hour)			Average hourly traffic 10pm to 7am (9 hour)		
		Total vehicles	% heavy vehicles	Speed[1] (km/h)	Total vehicles	% heavy vehicles	Speed[1] (km/h)
Pacific Highway A1 (between Kingston Parade & Motto Lane)	Eastbound	778	8.5	70	165	18.2	70
	Westbound	582	4.1	70	134	9.0	70
Pacific Highway A1 (between Motto Lane & Adelaide Street)	Eastbound	752	8.5	70	155	18.7	70
	Westbound	603	4.3	60	147	9.5	60
Pacific Highway A1 (between Adelaide Street & Pacific Motorway ramps)	Eastbound	783	19.4	110	194	22.2	110
	Westbound	236	9.7	80	65	20.0	80
Pacific Highway A1 (between Pacific Motorway ramps & Richardson Road)	Eastbound	783	19.4	110	194	22.2	110
	Westbound	1,033	14.1	110	349	25.2	110
Weakleys Drive (between John Renshaw Drive & Enterprise Drive)	Northbound	827	13.9	60	285	13.7	60
	Southbound	731	10.8	60	215	14.0	60
Weakleys Drive (north of Enterprise Drive)	Northbound	749	10.5	60	220	12.7	60
	Southbound	742	8.0	60	235	9.4	60
New England Highway A43 (north of John Renshaw Drive)	Eastbound	1,414	5.0	90	380	5.5	90
	Westbound	1,424	7.2	90	340	9.7	90
Anderson Drive (west of New England Highway ramps)	Eastbound	93	1.1	50	21	0	50
	Westbound	1	0	50	1	0	50
Anderson Drive (east of New England Highway ramps) and Woodberry Road	Eastbound / Northbound	250	5.2	60	54	11.1	60
	Westbound / Southbound	334	15.3	60	106	21.7	60
Tomago Road (between Pacific Highway A1 & Old Punt Road)	Northbound	231	14.7	60	71	18.3	60
	Southbound	414	13.5	60	233	7.3	60
Tomago Road (south of Old Punt Road)	Westbound	258	8.1	60	76	9.2	60
	Eastbound	350	11.7	60	189	6.3	60
Old Punt Road (between Tomago Road & Foresight Avenue)	Eastbound	233	13.3	60	115	8.7	60
	Westbound	121	19.8	60	54	16.7	60

Road	Direction	Average hourly traffic 7am to 10pm (15 hour)			Average hourly traffic 10pm to 7am (9 hour)		
		Total vehicles	% heavy vehicles	Speed[1] (km/h)	Total vehicles	% heavy vehicles	Speed[1] (km/h)
Old Punt Road (between Foresight Avenue & Martin Drive)	Eastbound	233	15.0	60	103	10.7	60
	Westbound	93	22.6	60	43	16.3	60
Old Punt Road (between Martin Drive & Kennington Drive)	Northbound	246	16.7	60	96	13.5	60
	Southbound	66	27.3	60	31	19.4	60
Old Punt Road (between Kennington Drive & private road)	Northbound	289	17.3	60	105	15.2	60
	Southbound	72	27.8	60	36	16.7	60
Old Punt Road (between private road & Pacific Highway A1)	Northbound	297	17.5	60	109	15.6	60
	Southbound	91	25.3	60	57	10.5	60
Adelaide Street (between Pacific Highway A1 & Speedy Lock Lane)	Northbound	549	5.5	70	89	10.1	70
	Southbound	467	4.9	70	116	5.2	70
Adelaide Street (north of Speedy Lock Lane)	Northbound	502	5.8	70	76	10.5	70
	Southbound	431	5.1	70	98	7.1	70
Masonite Road (between Pacific Highway A1 & Camfield Drive)	Northbound	248	6.5	70	35	11.4	70
	Southbound	286	9.1	70	76	7.9	70
Masonite Road (south of Camfield Drive)	Northbound	207	3.9	60	27	7.4	60
	Southbound	190	7.4	60	51	5.9	60
Pacific Motorway (between ramps to John Renshaw Drive & New England Highway A1 ramps)	Northbound / Eastbound	212	23.1	110	66	24.2	110
	Southbound / Westbound	218	27.1	110	59	45.8	110
Pacific Motorway on ramp (from New England Highway A1)	Eastbound	417	12.9	80	102	19.6	80
Pacific Motorway off ramp (to New England Highway A1)	Westbound	561	8.9	80	150	15.3	80
Pacific Motorway (between New England Highway A1 ramps & Pacific Highway A1 ramps)	Eastbound	633	16.7	110	168	23.2	110
	Westbound	781	14.1	110	211	24.2	110
Pacific Motorway off ramp (to Pacific Highway A1)	Eastbound	282	13.1	80	76	17.1	80
Pacific Motorway on ramp (from Pacific Highway A1)	Westbound	470	6.4	80	93	12.9	80
Pacific Motorway on ramp (from Pacific Highway A1)	Eastbound	268	21.3	80	72	22.2	80

Road	Direction	Average hourly traffic 7am to 10pm (15 hour)			Average hourly traffic 10pm to 7am (9 hour)		
		Total vehicles	% heavy vehicles	Speed[1] (km/h)	Total vehicles	% heavy vehicles	Speed[1] (km/h)
Pacific Motorway off ramp (to Pacific Highway A1)	Westbound	373	7.8	80	117	9.4	80
Pacific Motorway (between Pacific Highway A1 ramps & Old Punt Road off ramp)	Eastbound / Northbound	679	19.0	110	168	32.7	110
	Westbound / Southbound	648	16.5	110	225	16.0	110
Pacific Motorway off ramp (to Old Punt Road)	Westbound / Southbound	38	28.9	70	19	21.1	70
Pacific Motorway (between Old Punt Road & Pacific Highway A1 ramps)	Eastbound / Northbound	679	19.0	110	168	32.7	110
	Westbound / Southbound	683	17.3	110	294	16.3	110

Notes: 1. Based on posted speeds.

D.8 2038 traffic volume data – Do minimum

Table D.4 Year 2038 (design year) 'Do minimum' traffic volumes

Road	Direction	Average hourly traffic 7am to 10pm (15 hour)			Average hourly traffic 10pm to 7am (9 hour)		
		Total vehicles	% heavy vehicles	Speed[1] (km/h)	Total vehicles	% heavy vehicles	Speed[1] (km/h)
Pacific Motorway M1 (south of Weakleys Drive)	Northbound	1,460	15.8	110	507	15.6	110
	Southbound	1,243	17.0	110	411	23.8	110
John Renshaw Drive B68 (west of Weakleys Drive)	Eastbound	896	15.6	80	337	16.3	80
	Westbound	913	20.0	80	324	21.9	80
John Renshaw Drive A1 (east of Weakleys Drive)	Eastbound	1,384	16.3	80	472	21.8	80
	Westbound	1,209	17.0	80	389	15.9	80
John Renshaw Drive A1 slip lane (to Pacific Motorway M1 southbound)	Westbound	518	25.1	80	186	32.3	80
John Renshaw Drive A1 slip lane (to New England Highway A43 westbound)	Eastbound	76	10.5	90	24	12.5	90
John Renshaw Drive A1 on ramp (to New England Highway A1 eastbound)	Eastbound	1,308	16.6	80	449	22.3	80
New England Highway A1 off ramp (to John Renshaw Drive A1 westbound)	Westbound	1,209	17.0	80	389	15.9	80
New England Highway A1 (between John Renshaw Drive ramps & Anderson Drive ramps)	Eastbound	3,026	9.7	90	877	13.8	90
	Westbound	2,577	14.6	90	754	22.0	90
New England Highway A1 (between Anderson Drive off/on ramps)	Eastbound	2,922	9.8	80	848	13.8	80
	Westbound	2,314	13.8	80	679	20.8	80
New England Highway A1 on ramp (from Anderson Drive)	Westbound	296	21.3	90	82	34.1	90
	Eastbound	350	2.9	80	100	5.0	80
New England Highway A1 off ramp (to Anderson Drive)	Westbound	128	7.8	90	33	12.1	90
	Eastbound	93	8.6	60	26	11.5	60
New England Highway A1 (between Anderson Drive ramps & Pacific Highway)	Eastbound / Southbound	3,247	9.0	80	939	12.8	80
	Westbound / Northbound	2,461	13.4	80	719	20.3	80
New England Highway A1 off ramp (to Pacific Highway A1)	Westbound	1,116	12.9	80	372	17.2	80
New England Highway A43 (to Pacific Highway A43)	Southbound	1,998	7.0	80	575	7.8	80

Road	Direction	Average hourly traffic 7am to 10pm (15 hour)			Average hourly traffic 10pm to 7am (9 hour)		
		Total vehicles	% heavy vehicles	Speed[1] (km/h)	Total vehicles	% heavy vehicles	Speed[1] (km/h)
Pacific Highway A1 on ramp (from Pacific Highway A43)	Northbound	750	11.2	80	248	8.9	80
Pacific Highway A43 (south of Pacific Highway A1)	Northbound	1,670	11.1	80	486	14.4	80
	Southbound	2,725	7.5	80	771	8.6	80
Pacific Highway A1 right turn to New England Highway A1	Westbound	734	19.1	80	252	25.8	80
Pacific Highway A1 left turn to Pacific Highway A43	Southbound	863	8.3	80	246	14.2	80
Pacific Highway A1 (between New England Highway A1 & Tomago Road)	Northbound	1,895	12.0	80	623	15.7	80
	Southbound	1,596	13.3	80	500	20.0	80
Pacific Highway A1 (between Tomago Road & Old Punt Road)	Northbound	1,091	14.8	80	327	20.8	80
	Southbound	1,383	11.2	80	446	17.0	80
Pacific Highway A1 (between Old Punt Road & Hank Street)	Northbound	1,212	15.8	70	340	26.5	70
	Southbound	1,586	11.0	70	478	18.8	70
Pacific Highway A1 (between Hank Street & Kingston Parade)	Northbound	1,213	15.7	70	320	26.6	70
	Southbound	1,640	10.4	70	455	18.7	70
Pacific Highway A1 (between Kingston Parade & Motto Lane)	Northbound	1,233	15.5	70	325	26.2	70
	Southbound	1,662	10.4	70	461	18.9	70
Pacific Highway A1 (between Motto Lane & Adelaide Street)	Northbound	1,173	16.0	70	309	27.2	70
	Southbound	1,724	10.2	70	480	18.3	70
Pacific Highway A1 (between Adelaide Street & Richardson Road)	Northbound	716	23.7	110	229	39.7	110
	Southbound	1,359	12.8	110	428	24.5	110
Weakleys Drive (between John Renshaw Drive & Enterprise Drive)	Northbound	950	11.9	60	318	12.6	60
	Southbound	741	12.8	60	230	15.7	60
Weakleys Drive (north of Enterprise Drive)	Northbound	699	11.7	60	227	13.2	60
	Southbound	994	9.1	60	305	10.8	60
New England Highway A43 (north of John Renshaw Drive)	Northbound	1,372	8.7	90	344	10.8	90
	Southbound	1,822	4.6	90	459	5.4	90

Road	Direction	Average hourly traffic 7am to 10pm (15 hour)			Average hourly traffic 10pm to 7am (9 hour)		
		Total vehicles	% heavy vehicles	Speed[1] (km/h)	Total vehicles	% heavy vehicles	Speed[1] (km/h)
Anderson Drive (west of New England Highway ramps)	Eastbound	121	0	50	26	0	50
	Westbound	2	0	50	1	0	50
Anderson Drive (east of New England Highway ramps) and Woodberry Road	Eastbound / Northbound	164	7.9	60	45	13.3	60
	Westbound / Southbound	412	14.3	60	123	21.1	60
Tomago Road (between Pacific Highway A1 & Old Punt Road)	Northbound	193	27.5	60	64	25.0	60
	Southbound	706	8.6	60	313	6.1	60
Tomago Road (south of Old Punt Road)	Westbound	140	15.7	60	55	12.7	60
	Eastbound	505	8.7	60	231	5.6	60
Old Punt Road (between Tomago Road & Foresight Avenue)	Eastbound	220	13.2	60	128	8.6	60
	Westbound	131	32.1	60	61	21.3	60
Old Punt Road (between Foresight Avenue & Martin Drive)	Eastbound	171	18.1	60	97	12.4	60
	Westbound	114	31.6	60	52	21.2	60
Old Punt Road (between Martin Drive & Kennington Drive)	Northbound	130	27.7	60	69	20.3	60
	Southbound	96	30.2	60	42	19.0	60
Old Punt Road (between Kennington Drive & private road)	Northbound	89	43.8	60	43	34.9	60
	Southbound	95	22.1	60	23	34.8	60
Old Punt Road (between private road & Pacific Highway A1)	Northbound	67	55.2	60	32	46.9	60
	Southbound	87	21.8	60	48	10.4	60
Adelaide Street (between Pacific Highway A1 & Speedy Lock Lane)	Northbound	407	7.4	70	79	11.4	70
	Southbound	560	4.3	70	134	5.2	70
Adelaide Street (north of Speedy Lock Lane)	Northbound	331	8.8	70	60	13.3	70
	Southbound	486	4.9	70	110	6.4	70
Masonite Road (between Pacific Highway A1 & Camfield Drive)	Northbound	134	12.7	70	26	19.2	70
	Southbound	339	6.8	70	86	7.0	70
Masonite Road (south of Camfield Drive)	Northbound	133	6.0	60	22	13.6	60
	Southbound	149	10.7	60	50	6.0	60

Notes: 1. Based on posted speeds.

D.9 2038 traffic volume data – With project

Table D.5 Year 2038 (design year) 'With project' traffic volumes

Road	Direction	Average hourly traffic 7am to 10pm (15 hour)			Average hourly traffic 10pm to 7am (9 hour)		
		Total vehicles	% heavy vehicles	Speed[1] (km/h)	Total vehicles	% heavy vehicles	Speed[1] (km/h)
Pacific Motorway M1 (south of ramps to/from John Renshaw Drive)	Northbound	1,331	14.8	110	454	14.5	110
	Southbound	1,585	14.1	80	469	21.7	80
Pacific Motorway M1 (south of Weakleys Drive)	Northbound	1,331	14.8	110	454	14.5	110
	Southbound	1,389	12.1	80	413	19.1	80
John Renshaw Drive B68 (west of Weakleys Drive)	Eastbound	1,115	16.3	80	384	17.2	80
	Westbound	959	16.3	80	336	19.0	80
John Renshaw Drive A1 (east of Weakleys Drive)	Eastbound	1,453	14.8	80	446	20.9	80
	Westbound	1,299	14.4	80	409	23.7	80
John Renshaw Drive A1 slip lane (to Pacific Motorway M1 southbound)	Westbound	535	14.6	80	165	23.6	80
John Renshaw Drive A1 slip lane (to New England Highway A43 westbound)	Eastbound	98	8.2	90	28	10.7	90
John Renshaw Drive A1 on ramp (to New England Highway A1 eastbound)	Westbound	1,349	15.2	80	416	21.4	80
New England Highway A1 off ramp (to John Renshaw Drive A1 westbound)	Westbound	1,299	14.4	80	409	23.7	80
New England Highway A1 (between John Renshaw Drive ramps and Anderson Drive ramps)	Eastbound	2,324	9.4	90	687	12.8	90
	Westbound	2,987	10.6	90	791	21.6	90
Pacific Motorway M1 on ramp (from New England Highway A43)	Westbound	565	11.7	80	151	17.2	80
New England Highway A1 (between Anderson Drive off/on ramps and on/off ramps)	Eastbound	2,183	9.7	80	652	12.9	80
	Westbound	2,007	9.2	80	522	16.9	80
New England Highway A1 on ramp (from Anderson Drive)	Westbound	295	21.7	90	82	34.1	90
	Eastbound	294	3.4	80	92	5.4	80
New England Highway A1 off ramp (to Anderson Drive)	Westbound	234	4.3	90	50	10.0	90
	Eastbound	140	6.4	60	33	9.1	60

Road	Direction	Average hourly traffic 7am to 10pm (15 hour)			Average hourly traffic 10pm to 7am (9 hour)		
		Total vehicles	% heavy vehicles	Speed[1] (km/h)	Total vehicles	% heavy vehicles	Speed[1] (km/h)
New England Highway A1 (between Anderson Drive ramps and Pacific Highway)	Eastbound / Southbound	2,466	8.9	80	737	11.9	80
	Westbound / Northbound	2,252	8.6	80	575	16.2	80
New England Highway A1 off ramp (to Pacific Highway A1)	Westbound	386	13.0	80	163	13.5	80
New England Highway A43 (to Pacific Highway A43)	Southbound	1,947	8.3	80	567	8.6	80
Pacific Highway A1 on ramp (from Pacific Highway A43)	Northbound	786	10.4	80	252	8.3	80
Pacific Highway A43 (south of Pacific Highway A1)	Northbound	1,878	9.1	80	515	13.0	80
	Southbound	2,783	8.1	80	791	9.0	80
Pacific Highway A1 right turn to New England Highway A1	Westbound	306	6.5	80	68	14.7	80
Pacific Highway A1 left turn to Pacific Highway A43	Southbound	972	7.3	80	269	13.4	80
Pacific Highway A1 (between New England Highway A1 & Tomago Road)	Eastbound	1,207	11.1	80	428	13.1	80
	Westbound	1,282	7.1	80	341	13.5	80
Pacific Highway A1 (between Tomago Road & Pacific Motorway ramps)	Eastbound	785	10.8	80	187	19.8	80
	Westbound	865	5.7	80	229	11.8	80
Pacific Highway A1 (between Pacific Motorway & Old Punt Road interchange)	Eastbound	774	6.8	80	184	13.6	80
	Westbound	666	5.7	70	184	9.8	70
Pacific Highway A1 off ramp (to Old Punt Road)	Eastbound	73	16.4	80	25	24.0	80
Pacific Highway A1 on ramp (from Old Punt Road)	Westbound	66	22.7	60	23	17.4	60
Pacific Highway A1 on ramp (from Old Punt Road)	Eastbound	79	31.6	80	35	31.4	80
Pacific Highway A1 off ramp (to Old Punt Road)	Westbound	15	0	60	11	0	60
Pacific Highway A1 (between Old Punt Road & Hunter Region Botanic Gardens)	Eastbound	793	8.1	80	185	17.3	80
	Westbound	667	3.6	80	163	8.0	80
Pacific Highway A1 (between Hunter Region Botanic Gardens & Hank Street)	Eastbound	756	7.7	70	197	13.2	70
	Westbound	650	3.7	80	168	7.7	80

Road	Direction	Average hourly traffic 7am to 10pm (15 hour)			Average hourly traffic 10pm to 7am (9 hour)		
		Total vehicles	% heavy vehicles	Speed[1] (km/h)	Total vehicles	% heavy vehicles	Speed[1] (km/h)
Pacific Highway A1 (between Hank Street & Kingston Parade)	Eastbound	819	7.9	70	176	17.6	70
	Westbound	618	3.6	70	144	8.3	70
Pacific Highway A1 (between Kingston Parade & Motto Lane)	Eastbound	859	7.8	70	183	16.9	70
	Westbound	649	3.7	70	152	9.2	70
Pacific Highway A1 (between Motto Lane & Adelaide Street)	Eastbound	829	7.7	70	172	17.4	70
	Westbound	676	4.0	60	166	9.0	60
Pacific Highway A1 (between Adelaide Street & Pacific Motorway ramps)	Eastbound	1,124	16.9	110	288	34.7	110
	Westbound	232	9.9	80	88	12.5	80
Pacific Highway A1 (between Pacific Motorway ramps & Richardson Road)	Eastbound	1,124	16.9	110	288	34.7	110
	Westbound	1,213	14.0	110	406	25.4	110
Weakleys Drive (between John Renshaw Drive & Enterprise Drive)	Northbound	950	14.0	60	320	14.1	60
	Southbound	781	11.4	60	235	14.5	60
Weakleys Drive (north of Enterprise Drive)	Northbound	877	11.2	60	256	12.9	60
	Southbound	867	9.2	60	284	10.6	60
New England Highway A43 (north of John Renshaw Drive)	Eastbound	1,594	5.2	90	429	5.8	90
	Westbound	1,605	7.5	90	380	10.0	90
Anderson Drive (west of New England Highway ramps)	Eastbound	106	0	50	24	0	50
	Westbound	1	0	50	1	0	50
Anderson Drive (east of New England Highway ramps) and Woodberry Road	Eastbound / Northbound	282	5.0	60	62	9.7	60
	Westbound / Southbound	378	15.6	60	119	21.8	60
Tomago Road (between Pacific Highway A1 & Old Punt Road)	Northbound	456	11.2	60	121	13.2	60
	Southbound	450	12.9	60	256	6.6	60
Tomago Road (south of Old Punt Road)	Westbound	291	7.6	60	87	8.0	60
	Eastbound	391	11.5	60	212	6.1	60

Road	Direction	Average hourly traffic 7am to 10pm (15 hour)			Average hourly traffic 10pm to 7am (9 hour)		
		Total vehicles	% heavy vehicles	Speed[1] (km/h)	Total vehicles	% heavy vehicles	Speed[1] (km/h)
Old Punt Road (between Tomago Road & Foresight Avenue)	Eastbound	127	18.1	60	84	9.5	60
	Westbound	204	18.6	60	88	14.8	60
Old Punt Road (between Foresight Avenue & Martin Drive)	Eastbound	117	22.2	60	68	13.2	60
	Westbound	161	19.9	60	73	15.1	60
Old Punt Road (between Martin Drive & Kennington Drive)	Northbound	116	25.9	60	55	20.0	60
	Southbound	115	23.5	60	54	16.7	60
Old Punt Road (between Kennington Drive & private road)	Northbound	134	27.6	60	54	25.9	60
	Southbound	108	21.3	60	34	29.4	60
Old Punt Road (between private road & Pacific Highway A1)	Northbound	144	27.1	60	57	24.6	60
	Southbound	109	24.8	60	72	12.5	60
Adelaide Street (between Pacific Highway A1 & Speedy Lock Lane)	Northbound	612	5.4	70	100	9.0	70
	Southbound	525	4.6	70	131	5.3	70
Adelaide Street (north of Speedy Lock Lane)	Northbound	561	5.7	70	85	10.6	70
	Southbound	488	4.9	70	110	6.4	70
Masonite Road (between Pacific Highway A1 & Camfield Drive)	Northbound	275	6.2	70	40	12.5	70
	Southbound	324	8.6	70	86	8.1	70
Masonite Road (south of Camfield Drive)	Northbound	231	3.5	60	31	9.7	60
	Southbound	216	7.9	60	58	5.2	60
Pacific Motorway (between ramps to John Renshaw Drive & New England Highway A1 ramps)	Northbound / Eastbound	257	21.8	110	83	27.7	110
	Southbound / Westbound	212	27.4	110	64	39.1	110
Pacific Motorway on ramp (from New England Highway A1)	Eastbound	565	11.7	80	151	17.2	80
Pacific Motorway off ramp (to New England Highway A1)	Westbound	471	11.9	80	171	15.2	80
Pacific Motorway (between New England Highway A1 ramps & Pacific Highway A1 ramps)	Eastbound	817	14.9	110	232	21.1	110
	Westbound	685	16.6	110	237	21.9	110
Pacific Motorway off ramp (to Pacific Highway A1)	Eastbound	326	11.3	80	95	15.8	80

Road	Direction	Average hourly traffic 7am to 10pm (15 hour)			Average hourly traffic 10pm to 7am (9 hour)		
		Total vehicles	% heavy vehicles	Speed[1] (km/h)	Total vehicles	% heavy vehicles	Speed[1] (km/h)
Pacific Motorway on ramp (from Pacific Highway A1)	Westbound	317	6.9	80	89	10.1	80
Pacific Motorway on ramp (from Pacific Highway A1)	Eastbound	351	20.5	80	92	32.6	80
Pacific Motorway off ramp (to Pacific Highway A1)	Westbound	484	7.0	80	137	13.9	80
Pacific Motorway (between Pacific Highway A1 ramps & Old Punt Road off ramp)	Eastbound / Northbound	814	18.1	110	226	25.2	110
	Westbound / Southbound	835	14.9	110	296	19.9	110
Pacific Motorway off ramp (to Old Punt Road)	Westbound / Southbound	43	32.6	70	24	25.0	70
Pacific Motorway (between Old Punt Road & Pacific Highway A1 ramps)	Eastbound / Northbound	814	18.1	110	226	25.2	110
	Westbound / Southbound	878	15.7	110	324	19.8	110

Notes:
1. Based on posted speeds.

D.10 Detailed predicted operational traffic noise

Table D.6 Predicted L_{Aeq} Traffic Noise Levels (no mitigation)

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA01A	NCA01A.RES.0001	Residential	Ground	N	58	54	59	54	58	54	59	55	0.3	0	0.7	0.4	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0001	Residential	Ground	W	50	46	49	44	50	46	50	45	-1	-1.2	-0.5	-0.8	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0001	Residential	Ground	S	55	51	53	49	55	51	54	49	-1.5	-1.9	-1	-1.3	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0001	Residential	Ground	E	60	56	60	55	60	56	61	56	-0.4	-0.6	0.2	-0.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0002	Residential	Ground	W	53	49	52	48	54	49	53	49	-0.9	-1.2	-0.4	-0.7	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0002	Residential	Ground	S	53	48	51	47	53	48	52	47	-1.3	-1.5	-0.8	-1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0002	Residential	Ground	E	50	45	50	45	50	46	51	46	0.1	-0.1	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0002	Residential	Ground	N	52	48	52	47	52	48	53	48	-0.3	-0.6	0.2	0.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0003	Residential	Ground	W	55	50	54	49	55	50	54	50	-1	-1.4	-0.5	-0.8	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0003	Residential	Ground	S	53	49	52	47	54	49	53	48	-1.5	-1.9	-1	-1.3	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0003	Residential	Ground	E	48	43	48	43	48	44	49	44	0.2	0	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0003	Residential	Ground	N	52	48	52	47	52	48	52	48	-0.3	-0.6	0.1	0	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0004	Residential	Ground	N	55	50	54	49	55	51	55	50	-0.8	-1.1	-0.3	-0.5	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0004	Residential	Ground	N	55	51	54	50	55	51	55	51	-0.7	-1	-0.2	-0.5	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0004	Residential	Ground	N	55	51	55	50	56	51	55	51	-0.7	-1	-0.2	-0.5	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0004	Residential	Ground	W	55	51	54	50	55	51	55	50	-0.8	-1.1	-0.3	-0.5	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0004	Residential	Ground	N	55	51	54	50	55	51	55	51	-0.6	-0.9	-0.1	-0.4	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0004	Residential	Ground	W	57	53	56	52	58	53	57	52	-1.1	-1.4	-0.6	-0.9	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0004	Residential	Ground	S	57	53	56	51	58	53	57	52	-1.4	-1.8	-0.9	-1.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0004	Residential	Ground	E	56	52	54	50	56	52	55	50	-1.4	-1.8	-0.9	-1.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0004	Residential	Ground	S	57	53	56	51	57	53	56	52	-1.4	-1.7	-0.8	-1.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0004	Residential	Ground	E	56	52	54	50	56	52	55	50	-1.4	-1.8	-0.9	-1.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0004	Residential	Ground	S	57	52	55	51	57	53	56	51	-1.4	-1.7	-0.9	-1.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0004	Residential	Ground	E	55	51	54	49	55	51	54	50	-1.1	-1.4	-0.6	-0.9	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0005	Residential	Ground	N	56	52	55	51	56	52	56	51	-0.7	-1.1	-0.3	-0.5	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0005	Residential	Ground	W	59	55	58	53	59	55	59	54	-1.1	-1.5	-0.6	-0.9	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0005	Residential	Ground	S	57	52	55	51	57	53	56	51	-1.4	-1.7	-0.9	-1.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0005	Residential	Ground	E	56	52	55	50	56	52	55	51	-1.2	-1.6	-0.8	-1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0006	Residential	Ground	W	60	56	59	54	60	56	59	55	-1.3	-1.6	-0.8	-1.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0006	Residential	Ground	S	58	54	57	52	58	54	57	53	-1.5	-1.8	-1	-1.3	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0006	Residential	Ground	W	58	54	57	52	59	54	58	53	-1.6	-1.8	-0.9	-1.3	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0006	Residential	Ground	S	58	54	57	52	58	54	57	53	-1.5	-1.9	-1	-1.3	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0006	Residential	Ground	E	53	49	53	49	53	49	54	49	0.1	-0.2	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0006	Residential	Ground	N	57	53	56	52	57	53	57	52	-0.8	-1.1	-0.3	-0.5	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0006	Residential	Ground	W	57	53	56	52	57	53	57	52	-0.9	-1.2	-0.4	-0.7	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0006	Residential	Ground	N	57	53	56	52	57	53	57	52	-0.9	-1.3	-0.4	-0.7	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA01A	NCA01A.RES.0006	Residential	First	W	62	57	61	56	62	58	61	57	-1.1	-1.5	-0.6	-0.9	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0006	Residential	First	S	60	56	58	54	60	56	59	55	-1.4	-1.7	-0.8	-1.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0006	Residential	First	W	60	56	59	54	60	56	59	55	-1.4	-1.8	-0.9	-1.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0006	Residential	First	S	60	56	58	54	60	56	59	54	-1.5	-1.7	-0.9	-1.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0006	Residential	First	E	57	52	56	52	57	52	57	52	-0.5	-0.8	0	-0.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0006	Residential	First	N	59	55	58	54	59	55	59	54	-0.7	-1.1	-0.2	-0.5	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0006	Residential	First	W	59	55	58	54	60	55	59	55	-0.9	-1.2	-0.4	-0.7	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0006	Residential	First	N	59	55	58	54	59	55	59	55	-0.9	-1.1	-0.3	-0.6	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0007	Residential	Ground	N	54	50	54	49	54	50	55	50	-0.2	-0.6	0.1	0	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0007	Residential	Ground	W	57	53	56	51	57	53	57	52	-1	-1.2	-0.4	-0.7	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0007	Residential	Ground	S	55	51	54	49	56	51	55	50	-1.5	-1.8	-0.9	-1.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0007	Residential	Ground	E	50	46	49	44	50	46	50	45	-1.2	-1.6	-0.7	-1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0007	Residential	Ground	S	53	49	51	47	53	49	52	47	-1.5	-1.9	-0.9	-1.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0007	Residential	Ground	E	51	46	51	46	51	46	52	47	0.6	0.3	1	0.8	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0008	Residential	Ground	NE	52	47	52	47	52	48	52	48	-0.3	-0.5	0.2	0	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0008	Residential	Ground	NW	52	48	52	47	52	48	52	48	-0.3	-0.6	0.2	-0.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0008	Residential	Ground	NE	52	47	51	47	52	47	52	47	-0.3	-0.6	0.2	0	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0008	Residential	Ground	NW	54	50	53	49	54	50	54	49	-0.8	-1.1	-0.3	-0.5	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0008	Residential	Ground	SW	54	50	53	48	54	50	53	49	-1.2	-1.5	-0.7	-0.9	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0008	Residential	Ground	NW	54	50	53	49	54	50	54	49	-0.9	-1.3	-0.5	-0.8	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0008	Residential	Ground	SW	54	50	53	48	54	50	53	49	-1.3	-1.6	-0.8	-1.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0008	Residential	Ground	SE	53	48	51	47	53	48	52	48	-1.1	-1.4	-0.5	-0.8	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0008	Residential	Ground	SW	52	48	51	47	52	48	52	47	-1.1	-1.4	-0.6	-0.9	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0008	Residential	Ground	SE	52	48	52	47	53	48	52	48	-0.8	-1.2	-0.3	-0.6	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0008	Residential	Ground	SE	50	45	49	45	50	45	50	45	-0.5	-0.7	0	-0.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0008	Residential	Ground	SE	52	47	51	46	52	48	52	47	-0.6	-1	-0.3	-0.4	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0009	Residential	Ground	W	55	50	54	49	55	50	54	50	-0.8	-1	-0.3	-0.6	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0009	Residential	Ground	S	54	50	53	48	54	50	53	49	-1.2	-1.5	-0.7	-1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0009	Residential	Ground	W	55	50	54	49	55	51	55	50	-0.8	-1.1	-0.3	-0.6	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0009	Residential	Ground	S	54	50	53	48	54	50	53	49	-1.1	-1.5	-0.6	-0.9	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0009	Residential	Ground	E	51	46	51	46	51	47	51	47	-0.1	-0.3	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0009	Residential	Ground	N	53	48	53	48	53	49	53	49	0.1	-0.2	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0015	Residential	Ground	W	51	47	52	48	51	47	53	49	1.5	1.4	1.9	1.7	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0015	Residential	Ground	S	53	49	52	48	54	49	53	48	-1	-1.2	-0.5	-0.8	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0015	Residential	Ground	W	54	50	53	49	54	50	54	50	-0.7	-0.9	-0.2	-0.5	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0015	Residential	Ground	S	53	49	52	48	54	49	53	48	-0.9	-1.2	-0.5	-0.8	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0015	Residential	Ground	E	50	46	51	46	51	46	51	47	0.3	0.1	0.7	0.5	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA01A	NCA01A.RES.0015	Residential	Ground	S	50	46	50	45	51	46	51	46	-0.5	-0.8	0	-0.3	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0015	Residential	Ground	E	52	47	53	48	52	47	53	49	0.9	0.6	1.2	1.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0015	Residential	Ground	N	52	48	53	48	52	48	54	49	0.8	0.6	1.2	1.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0015	Residential	Ground	E	52	47	53	48	52	47	53	49	1	0.8	1.3	1.3	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0015	Residential	Ground	N	54	50	55	50	54	50	55	51	0.6	0.5	1.1	0.9	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0016	Residential	Ground	N	52	48	51	47	52	48	52	48	-0.8	-1.1	-0.2	-0.5	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0016	Residential	Ground	W	58	54	58	54	58	54	59	54	0	-0.1	0.5	0.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0016	Residential	Ground	S	56	51	55	50	56	51	55	51	-1	-1.4	-0.6	-0.9	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0016	Residential	Ground	W	56	52	55	51	56	52	56	51	-0.8	-1.1	-0.3	-0.6	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0016	Residential	Ground	N	56	52	56	51	56	52	56	52	-0.1	-0.2	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0016	Residential	Ground	W	57	53	57	53	58	53	58	53	-0.1	-0.3	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0016	Residential	Ground	N	57	53	57	53	57	53	58	53	0	-0.3	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0016	Residential	Ground	W	58	54	58	54	58	54	59	54	0.1	-0.1	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0016	Residential	Ground	S	57	52	56	51	57	52	56	52	-1	-1.1	-0.5	-0.7	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0016	Residential	Ground	W	58	54	58	54	58	54	59	54	0	-0.2	0.5	0.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0016	Residential	Ground	S	55	51	54	50	55	51	55	50	-1.1	-1.4	-0.6	-0.9	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0016	Residential	Ground	E	53	49	53	48	53	49	53	49	-0.4	-0.7	0	-0.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0016	Residential	Ground	S	53	48	52	47	53	48	52	48	-0.9	-1.1	-0.4	-0.6	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0016	Residential	Ground	E	53	48	52	48	53	49	53	48	-0.6	-0.9	-0.1	-0.4	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0016	Residential	Ground	S	53	49	52	48	53	49	53	48	-0.8	-1.2	-0.4	-0.6	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0016	Residential	Ground	E	53	49	53	48	53	49	53	49	-0.1	-0.4	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0016	Residential	Ground	N	54	50	55	50	54	50	55	51	0.7	0.4	1	0.9	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0016	Residential	Ground	E	52	48	52	47	52	48	53	48	0.1	-0.2	0.5	0.4	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0016	Residential	Ground	E	52	48	52	48	53	48	53	49	0.1	-0.2	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0016	Residential	First	N	60	55	60	55	60	55	60	56	0.3	0.2	0.7	0.5	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0016	Residential	First	W	60	56	60	56	60	56	61	56	0.2	0	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0016	Residential	First	S	60	55	60	55	60	56	60	56	0.2	0.1	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0016	Residential	First	W	59	55	60	55	60	55	60	56	0.3	0	0.6	0.5	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0016	Residential	First	N	60	55	60	55	60	55	60	56	0.2	0.1	0.6	0.5	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0016	Residential	First	W	60	55	60	55	60	55	60	56	0.2	0	0.7	0.5	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0016	Residential	First	N	60	55	60	55	60	55	60	56	0.3	0	0.6	0.5	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0016	Residential	First	W	60	55	60	55	60	56	61	56	0.2	0.1	0.7	0.4	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0016	Residential	First	S	60	55	60	55	60	55	60	56	0.2	0.1	0.7	0.4	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0016	Residential	First	W	60	55	60	55	60	55	60	56	0.2	0	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0016	Residential	First	S	59	55	59	55	60	55	60	56	0.2	-0.1	0.5	0.4	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0016	Residential	First	E	59	55	59	55	59	55	60	55	0.1	-0.2	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0016	Residential	First	S	59	55	59	55	59	55	60	55	0	-0.2	0.4	0.2	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA01A	NCA01A.RES.0016	Residential	First	E	59	55	59	55	59	55	60	55	0	-0.2	0.5	0.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0016	Residential	First	S	59	55	59	55	59	55	60	55	0	-0.1	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0016	Residential	First	E	59	55	59	55	59	55	60	55	0.2	0	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0016	Residential	First	N	59	55	59	55	59	55	60	55	0.2	-0.1	0.5	0.4	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0016	Residential	First	E	59	55	60	55	60	55	60	56	0.2	0.1	0.7	0.4	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0016	Residential	First	E	59	55	60	55	60	55	60	56	0.3	0.1	0.6	0.5	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0017	Residential	Ground	NW	54	49	53	49	54	49	54	50	-0.2	-0.3	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0017	Residential	Ground	SW	54	50	53	48	54	50	54	49	-0.9	-1.3	-0.4	-0.7	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0017	Residential	Ground	SE	52	48	52	47	53	48	52	48	-0.7	-1	-0.2	-0.5	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0017	Residential	Ground	NE	52	47	52	48	52	48	53	48	0.5	0.3	0.8	0.7	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0018	Residential	Ground	NW	54	50	54	49	54	50	55	50	-0.1	-0.4	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0018	Residential	Ground	SW	54	50	54	49	55	50	54	50	-0.9	-1.2	-0.4	-0.7	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0018	Residential	Ground	SE	53	49	52	48	53	49	53	48	-0.8	-1.1	-0.4	-0.6	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0018	Residential	Ground	NE	52	48	52	48	52	48	53	48	0.2	0	0.7	0.5	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0019	Residential	Ground	NE	52	48	52	48	53	48	53	48	-0.2	-0.5	0.2	0	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0019	Residential	Ground	SE	52	48	51	47	52	48	52	47	-0.5	-0.8	-0.1	-0.3	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0019	Residential	Ground	NE	53	49	53	48	54	49	54	49	-0.3	-0.6	0.2	-0.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0019	Residential	Ground	NW	54	50	53	49	54	50	54	49	-0.7	-1	-0.2	-0.5	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0019	Residential	Ground	NE	53	49	53	48	54	49	53	49	-0.8	-1.1	-0.3	-0.6	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0019	Residential	Ground	NW	57	52	56	51	57	52	57	52	-0.6	-0.8	-0.1	-0.4	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0019	Residential	Ground	SW	56	52	55	50	56	52	55	51	-1.3	-1.5	-0.8	-1.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0019	Residential	Ground	SE	54	49	53	48	54	49	53	49	-0.9	-1.2	-0.3	-0.6	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0020	Residential	Ground	W	58	54	58	53	58	54	59	54	-0.3	-0.5	0.2	-0.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0020	Residential	Ground	S	56	51	54	50	56	51	55	50	-1.4	-1.7	-0.8	-1.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0020	Residential	Ground	W	56	52	55	51	57	52	56	51	-1.4	-1.6	-0.8	-1.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0020	Residential	Ground	S	55	51	54	49	55	51	54	50	-1.4	-1.7	-0.8	-1.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0020	Residential	Ground	E	50	46	50	45	50	46	50	46	-0.3	-0.7	0	-0.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0020	Residential	Ground	S	47	43	47	42	47	43	47	43	-0.5	-0.8	0	-0.2	59	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0020	Residential	Ground	E	52	48	53	49	53	48	54	49	0.8	0.6	1.2	0.9	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0020	Residential	Ground	N	55	50	55	51	55	51	56	51	0.7	0.6	1.1	0.8	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0020	Residential	Ground	E	53	49	55	50	54	49	55	51	1.4	1.3	1.7	1.5	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0020	Residential	Ground	N	56	52	57	52	57	52	57	53	0.4	0.3	0.9	0.6	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0020	Residential	First	W	59	55	59	55	60	55	60	55	-0.2	-0.3	0.3	0	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0020	Residential	First	S	57	53	56	51	57	53	56	52	-1.3	-1.5	-0.7	-1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0020	Residential	First	W	58	53	57	52	58	54	57	53	-1.2	-1.4	-0.6	-0.9	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0020	Residential	First	S	57	52	55	51	57	52	56	51	-1.2	-1.5	-0.7	-1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0020	Residential	First	E	54	49	53	49	54	50	54	49	-0.5	-0.7	0	-0.2	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA01A	NCA01A.RES.0020	Residential	First	S	52	47	51	46	52	47	52	47	-0.6	-0.9	-0.1	-0.4	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0020	Residential	First	E	55	51	56	51	56	51	56	52	0.4	0.1	0.7	0.6	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0020	Residential	First	N	57	52	57	53	57	53	58	53	0.6	0.4	1	0.8	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0020	Residential	First	E	56	51	57	52	56	52	57	53	1.1	0.9	1.4	1.3	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0020	Residential	First	N	58	54	58	54	58	54	59	54	0.5	0.4	1	0.7	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0021	Residential	Ground	N	55	51	57	52	55	51	57	53	1.3	1.1	1.7	1.5	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0021	Residential	Ground	W	56	52	57	53	57	52	58	53	0.6	0.4	1.1	0.8	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0021	Residential	Ground	S	54	50	53	48	54	50	54	49	-0.8	-1.2	-0.4	-0.7	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0021	Residential	Ground	W	53	49	52	48	53	49	53	49	-0.5	-0.8	-0.1	-0.3	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0021	Residential	Ground	N	53	49	53	48	53	49	53	49	-0.3	-0.5	0.2	-0.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0021	Residential	Ground	W	55	51	55	50	55	51	55	51	-0.3	-0.6	0.2	-0.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0021	Residential	Ground	S	54	50	53	48	54	50	54	49	-0.8	-1.2	-0.4	-0.6	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0021	Residential	Ground	E	51	47	51	47	52	47	52	48	0.1	-0.1	0.5	0.4	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0021	Residential	Ground	E	50	45	50	45	50	46	51	46	0.3	0	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0021	Residential	Ground	S	52	48	52	47	52	48	52	48	-0.6	-1	-0.2	-0.5	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0021	Residential	Ground	E	52	47	52	48	52	48	53	49	0.7	0.4	1	1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0022	Residential	Ground	W	57	53	58	54	57	53	59	54	1.1	0.9	1.5	1.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0022	Residential	Ground	S	54	49	53	49	54	50	54	49	-0.6	-0.9	-0.2	-0.4	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0022	Residential	Ground	E	51	47	52	47	52	47	53	48	0.6	0.4	0.9	0.9	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0022	Residential	Ground	N	56	52	57	53	57	52	58	53	0.9	0.8	1.2	1.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0023	Residential	Ground	W	59	54	59	55	59	55	60	55	0.4	0.2	0.7	0.5	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0023	Residential	Ground	N	58	54	59	54	58	54	59	55	0.4	0.3	0.9	0.6	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0023	Residential	Ground	W	59	55	59	55	59	55	60	55	0.3	0.1	0.8	0.5	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0023	Residential	Ground	S	56	51	55	50	56	51	55	51	-1	-1.3	-0.5	-0.8	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0023	Residential	Ground	E	52	48	52	48	52	48	53	48	0	-0.2	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0023	Residential	Ground	N	56	52	57	52	56	52	57	53	0.7	0.5	1.1	0.9	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0023	Residential	Ground	W	54	50	55	50	54	50	56	51	0.7	0.6	1.2	1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0023	Residential	Ground	N	53	49	53	49	53	49	54	49	0.6	0.3	0.9	0.7	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0023	Residential	Ground	E	52	48	53	48	52	48	53	49	0.4	0.1	0.7	0.6	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0023	Residential	Ground	N	58	53	58	54	58	54	59	54	0.8	0.5	1.1	0.8	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0024	Residential	Ground	N	56	52	58	54	57	52	59	55	2	1.7	2.3	2.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0024	Residential	Ground	W	56	51	58	53	56	52	58	54	2.1	1.9	2.5	2.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0024	Residential	Ground	N	55	51	57	53	56	51	58	53	2	1.8	2.3	2.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0024	Residential	Ground	W	55	51	56	52	56	51	57	52	0.8	0.6	1.1	1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0024	Residential	Ground	S	53	48	52	48	53	49	53	48	-0.2	-0.4	0.2	-0.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0024	Residential	Ground	E	52	48	53	48	53	48	54	49	0.8	0.6	1.1	1.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0026	Residential	Ground	NE	56	52	58	54	56	52	59	54	2.1	2	2.4	2.3	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA01A	NCA01A.RES.0026	Residential	Ground	NW	56	52	58	54	57	52	59	54	1.9	1.7	2.2	2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0026	Residential	Ground	NE	56	52	58	54	56	52	59	54	2	1.8	2.3	2.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0026	Residential	Ground	N	57	52	58	54	57	53	59	55	1.7	1.6	2.1	1.9	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0026	Residential	Ground	NW	57	52	58	54	57	53	59	55	1.6	1.5	2	1.8	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0026	Residential	Ground	W	56	52	58	53	56	52	58	54	1.8	1.6	2.2	2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0026	Residential	Ground	SW	54	50	55	50	54	50	55	51	0.4	0.1	0.7	0.5	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0026	Residential	Ground	NW	56	51	57	53	56	52	58	54	1.7	1.6	2	1.8	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0026	Residential	Ground	SW	53	49	53	49	53	49	54	49	0	-0.2	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0026	Residential	Ground	SE	51	47	52	47	52	47	52	48	0.6	0.4	0.8	0.8	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0026	Residential	Ground	S	52	47	52	48	52	48	53	48	0.5	0.2	0.7	0.7	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0026	Residential	Ground	SE	53	48	53	49	53	49	54	49	0.6	0.4	0.9	0.9	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0026	Residential	Ground	E	52	48	53	49	53	48	54	49	1.1	0.9	1.4	1.4	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0026	Residential	Ground	SE	52	48	53	48	52	48	53	49	0.8	0.6	1	1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0027	Residential	Ground	N	55	50	56	51	55	51	56	52	1	0.8	1.3	1.3	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0027	Residential	Ground	E	53	48	54	49	53	48	54	50	0.9	0.7	1.2	1.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0027	Residential	Ground	N	58	54	60	55	58	54	61	56	1.9	1.7	2.2	2	60	55	NO	NO	NO	NO	YES
NCA01A	NCA01A.RES.0027	Residential	Ground	W	57	53	59	55	57	53	60	55	2	1.9	2.4	2.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0027	Residential	Ground	S	53	49	53	49	53	49	54	49	-0.1	-0.4	0.3	0	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0027	Residential	Ground	E	53	48	54	49	53	49	54	50	0.8	0.7	1.2	1.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0028	Residential	Ground	NW	59	55	60	56	59	55	61	56	0.7	0.5	1.1	0.9	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0028	Residential	Ground	SW	57	53	57	52	57	53	57	53	-0.5	-0.7	-0.1	-0.3	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0028	Residential	Ground	SE	54	50	54	50	54	50	55	50	0.2	-0.1	0.5	0.4	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0028	Residential	Ground	NE	58	54	61	56	59	54	62	57	2.8	2.5	3	2.9	60	55	NO	NO	NO	NO	YES
NCA01A	NCA01A.RES.0028	Residential	Ground	SE	56	52	60	55	56	52	60	56	3.6	3.3	3.8	3.7	60	55	NO	NO	NO	NO	YES
NCA01A	NCA01A.RES.0028	Residential	Ground	NE	59	54	60	55	59	55	60	56	1	0.9	1.4	1.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0028	Residential	Ground	NE	58	54	59	55	58	54	60	55	1.1	0.9	1.4	1.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0028	Residential	Ground	NE	58	54	59	55	59	54	60	55	0.9	0.7	1.2	1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0029	Residential	Ground	N	61	57	63	59	62	57	64	59	1.8	1.6	2.1	1.9	60	55	NO	NO	NO	NO	YES
NCA01A	NCA01A.RES.0029	Residential	Ground	W	60	55	62	57	60	55	62	58	2.4	2.1	2.7	2.5	60	55	NO	NO	NO	NO	YES
NCA01A	NCA01A.RES.0029	Residential	Ground	S	56	52	56	52	56	52	57	52	0.1	0	0.6	0.3	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0029	Residential	Ground	E	54	49	55	51	54	50	56	51	1.5	1.4	1.9	1.8	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0030	Residential	Ground	W	59	55	59	55	60	55	60	56	0	-0.1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0030	Residential	Ground	E	57	53	60	56	58	53	61	56	3	2.8	3.3	3.1	60	55	NO	NO	NO	NO	YES
NCA01A	NCA01A.RES.0030	Residential	Ground	N	60	56	62	58	61	56	63	58	1.8	1.6	2.1	1.9	60	55	NO	NO	NO	NO	YES
NCA01A	NCA01A.RES.0031	Residential	Ground	N	61	57	63	58	61	57	63	59	1.9	1.6	2.1	1.9	60	55	NO	NO	NO	NO	YES
NCA01A	NCA01A.RES.0031	Residential	Ground	N	62	58	64	59	62	58	64	60	1.7	1.6	2	1.8	60	55	NO	YES	NO	NO	YES
NCA01A	NCA01A.RES.0031	Residential	Ground	W	62	57	64	59	62	58	64	60	2	1.9	2.3	2.1	60	55	NO	YES	NO	NO	YES

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA01A	NCA01A.RES.0031	Residential	Ground	N	62	58	63	59	62	58	64	60	1.6	1.5	2	1.8	60	55	NO	YES	NO	NO	YES
NCA01A	NCA01A.RES.0031	Residential	Ground	W	63	59	64	60	63	59	65	60	1.4	1.3	1.8	1.5	60	55	YES	YES	NO	NO	YES
NCA01A	NCA01A.RES.0031	Residential	Ground	S	57	53	56	52	57	53	57	53	-0.7	-1	-0.3	-0.5	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0031	Residential	Ground	E	54	49	54	50	54	49	55	50	0.7	0.5	1.1	0.8	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0031	Residential	Ground	S	53	49	53	48	53	49	54	49	0.1	-0.2	0.5	0.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0031	Residential	Ground	E	53	49	54	50	54	49	55	50	0.9	0.7	1.3	1.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0032	Residential	Ground	N	58	54	58	54	59	54	59	54	-0.1	-0.4	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0032	Residential	Ground	W	60	56	60	56	60	56	61	57	0.2	0	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0032	Residential	Ground	S	57	53	56	52	58	53	57	52	-1.2	-1.4	-0.7	-1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0032	Residential	Ground	E	54	50	55	50	54	50	55	51	0.9	0.6	1.2	1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0033	Residential	Ground	N	59	54	59	54	59	55	60	55	0.3	0	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0033	Residential	Ground	W	60	55	60	55	60	55	60	56	0	-0.2	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0033	Residential	Ground	N	59	55	59	55	59	55	60	55	0.3	0.1	0.7	0.5	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0033	Residential	Ground	W	60	56	60	56	60	56	61	56	0.1	-0.1	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0033	Residential	Ground	S	57	53	56	51	57	53	56	52	-1.2	-1.4	-0.7	-0.9	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0033	Residential	Ground	E	55	50	56	51	55	51	56	52	0.8	0.5	1.2	0.9	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0033	Residential	Ground	E	54	49	55	50	54	50	56	51	1.4	1.1	1.8	1.5	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0033	Residential	Ground	E	54	50	55	51	54	50	56	51	1.2	0.9	1.5	1.3	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0034	Residential	Ground	N	58	54	58	54	59	54	59	55	0	-0.2	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0034	Residential	Ground	W	59	55	59	54	59	55	59	55	-0.1	-0.3	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0034	Residential	Ground	N	59	55	59	55	59	55	60	56	0.2	0	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0034	Residential	Ground	NW	61	56	61	56	61	56	61	57	0.1	-0.2	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0034	Residential	Ground	W	61	57	61	56	61	57	61	57	-0.1	-0.3	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0034	Residential	Ground	SW	60	56	60	55	61	56	60	56	-0.6	-0.8	-0.2	-0.4	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0034	Residential	Ground	W	59	54	57	53	59	54	58	53	-1.4	-1.8	-0.9	-1.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0034	Residential	Ground	W	59	55	58	54	60	55	59	55	-1.1	-1.3	-0.6	-0.8	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0034	Residential	Ground	S	57	52	55	51	57	53	56	51	-1.4	-1.7	-0.9	-1.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0034	Residential	Ground	SE	56	52	55	50	56	52	56	51	-1.3	-1.6	-0.7	-1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0034	Residential	Ground	E	53	49	52	48	53	49	53	48	-0.8	-1.2	-0.4	-0.6	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0034	Residential	Ground	NE	49	44	48	44	49	45	49	44	-0.5	-0.8	0	-0.3	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0034	Residential	Ground	E	48	44	47	43	48	44	48	44	-0.8	-1.1	-0.3	-0.6	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0034	Residential	Ground	S	50	46	49	45	51	46	50	45	-1.1	-1.5	-0.6	-0.9	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0034	Residential	Ground	E	52	48	53	49	52	48	54	49	1.2	0.9	1.6	1.3	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0034	Residential	First	N	61	56	61	56	61	56	61	57	0.3	0.1	0.7	0.5	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0034	Residential	First	W	60	56	61	57	61	56	62	57	0.6	0.3	0.9	0.7	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0034	Residential	First	N	61	56	61	57	61	57	62	57	0.4	0.3	0.8	0.6	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0034	Residential	First	NW	62	58	62	58	62	58	63	58	0.3	0.1	0.7	0.5	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA01A	NCA01A.RES.0034	Residential	First	W	62	58	62	58	62	58	63	58	0.2	0	0.7	0.4	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0034	Residential	First	SW	61	57	61	56	62	57	61	57	-0.6	-0.8	-0.2	-0.4	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0034	Residential	First	W	60	55	58	54	60	55	59	54	-1.3	-1.6	-0.7	-1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0034	Residential	First	W	60	56	59	55	61	56	60	55	-1	-1.2	-0.5	-0.8	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0034	Residential	First	S	58	54	57	52	58	54	58	53	-1.3	-1.5	-0.8	-1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0034	Residential	First	SE	58	53	57	52	58	53	57	53	-1	-1.4	-0.5	-0.8	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0034	Residential	First	E	56	51	55	50	56	51	56	51	-0.6	-0.9	-0.1	-0.3	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0034	Residential	First	NE	53	49	53	48	54	49	54	49	-0.5	-0.8	0	-0.3	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0034	Residential	First	E	53	49	52	48	53	49	53	48	-0.8	-1.1	-0.3	-0.5	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0034	Residential	First	S	54	50	53	49	55	50	54	49	-1.1	-1.4	-0.6	-0.9	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0034	Residential	First	E	57	53	58	53	57	53	58	54	0.8	0.6	1.2	1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0035	Residential	Ground	S	56	52	55	50	56	52	56	51	-1.2	-1.6	-0.7	-1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0035	Residential	Ground	E	55	51	55	51	55	51	56	51	0.1	-0.2	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0035	Residential	Ground	N	59	54	58	54	59	54	59	54	-0.4	-0.6	0	-0.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0035	Residential	Ground	W	57	53	57	53	58	53	58	53	-0.1	-0.3	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0035	Residential	Ground	N	56	52	57	52	57	52	57	53	0.2	0.1	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0035	Residential	Ground	E	56	52	57	52	57	52	57	53	0.2	0	0.6	0.3	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0035	Residential	Ground	N	60	55	60	55	60	56	60	56	0	-0.2	0.5	0.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0035	Residential	Ground	W	61	57	61	56	61	57	61	57	-0.2	-0.5	0.2	0	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0035	Residential	Ground	S	57	53	56	51	57	53	56	52	-1.4	-1.6	-0.8	-1.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0035	Residential	Ground	W	58	53	56	52	58	53	57	52	-1.3	-1.6	-0.8	-1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0035	Residential	Ground	S	57	53	56	51	57	53	56	52	-1.3	-1.6	-0.8	-1.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0035	Residential	Ground	E	54	50	53	49	54	50	54	49	-0.8	-1.2	-0.4	-0.7	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0036	Residential	Ground	N	59	54	58	53	59	55	59	54	-0.8	-1.1	-0.4	-0.6	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0036	Residential	Ground	W	60	56	59	54	60	56	60	55	-0.8	-1.1	-0.3	-0.6	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0036	Residential	Ground	N	60	55	59	54	60	55	60	55	-0.7	-0.9	-0.2	-0.5	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0036	Residential	Ground	W	62	57	61	56	62	57	61	57	-0.9	-1.2	-0.5	-0.7	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0036	Residential	Ground	S	59	55	57	53	59	55	58	53	-1.4	-1.8	-0.9	-1.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0036	Residential	Ground	E	56	51	55	51	56	52	56	51	-0.4	-0.7	0.1	-0.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0036	Residential	Ground	N	55	51	55	50	55	51	56	51	-0.3	-0.5	0.2	-0.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0036	Residential	Ground	E	55	50	54	50	55	51	55	51	-0.2	-0.5	0.2	0	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0048	Residential	Ground	N	52	47	52	47	52	48	52	48	-0.3	-0.6	0.1	0	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0048	Residential	Ground	E	51	47	50	46	51	47	51	47	-0.4	-0.7	0	-0.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0048	Residential	Ground	N	53	49	52	48	53	49	53	48	-0.5	-0.8	0	-0.3	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0048	Residential	Ground	W	55	51	54	50	56	51	55	50	-1.1	-1.4	-0.6	-0.9	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0048	Residential	Ground	W	56	51	54	50	56	51	55	51	-1.1	-1.4	-0.6	-0.9	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0048	Residential	Ground	S	55	50	53	49	55	50	54	49	-1.3	-1.7	-0.8	-1.1	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA01A	NCA01A.RES.0048	Residential	Ground	E	51	47	51	46	51	47	51	47	-0.4	-0.6	0.1	-0.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0049	Residential	Ground	W	55	51	55	50	55	51	55	51	-0.2	-0.5	0.2	-0.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0049	Residential	Ground	S	54	49	53	48	54	50	53	49	-1.1	-1.4	-0.6	-0.8	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0049	Residential	Ground	E	51	46	52	48	51	47	53	48	1.6	1.4	2	1.8	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0049	Residential	Ground	N	54	50	54	50	54	50	55	51	0.3	0.1	0.7	0.5	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0050	Residential	Ground	N	59	55	60	56	59	55	60	56	0.9	0.8	1.2	1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0050	Residential	Ground	W	61	56	61	57	61	57	62	57	0.4	0.2	0.7	0.4	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0050	Residential	Ground	N	61	57	61	57	61	57	62	57	0.3	0.2	0.7	0.5	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0050	Residential	Ground	W	61	57	61	57	61	57	62	57	0.3	0.3	0.6	0.5	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0050	Residential	Ground	N	61	57	62	58	61	57	63	58	1.2	1	1.5	1.3	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0050	Residential	Ground	W	62	58	63	58	62	58	63	59	0.9	0.7	1.2	1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0050	Residential	Ground	S	57	53	56	52	57	53	57	52	-1	-1.3	-0.5	-0.8	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0050	Residential	Ground	E	54	50	55	50	54	50	56	51	1.1	0.9	1.5	1.3	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0050	Residential	Ground	E	54	50	55	51	54	50	56	51	1.1	0.9	1.5	1.3	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0051	Residential	Ground	N	58	54	60	55	58	54	60	56	1.7	1.6	2.1	1.8	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0051	Residential	Ground	W	59	55	60	55	59	55	60	56	0.4	0.2	0.8	0.6	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0051	Residential	Ground	S	57	53	57	53	58	53	58	53	-0.3	-0.5	0.1	-0.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0051	Residential	Ground	W	59	55	59	55	59	55	60	55	0.3	0.1	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0051	Residential	Ground	N	59	54	59	55	59	54	60	55	0.5	0.3	0.9	0.7	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0051	Residential	Ground	W	59	55	60	55	59	55	60	56	0.4	0.1	0.7	0.5	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0051	Residential	Ground	S	56	51	55	50	56	52	55	51	-0.9	-1.3	-0.5	-0.8	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0051	Residential	Ground	E	53	48	53	48	53	49	54	49	0.2	-0.1	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0051	Residential	Ground	E	52	48	53	48	53	48	53	49	0.2	0	0.6	0.5	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0051	Residential	Ground	E	52	48	53	48	52	48	53	49	0.3	0.1	0.7	0.6	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0052	Residential	Ground	N	58	53	58	54	58	54	59	55	0.8	0.7	1.2	1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0052	Residential	Ground	W	54	50	55	51	54	50	56	51	1.6	1.3	1.8	1.6	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0052	Residential	Ground	N	53	49	55	50	53	49	55	51	2.1	1.8	2.3	2.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0052	Residential	Ground	E	54	50	56	51	54	50	56	52	1.5	1.3	1.9	1.6	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0052	Residential	Ground	N	59	55	60	55	59	55	60	56	0.8	0.5	1	0.8	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0052	Residential	Ground	W	59	55	61	56	59	55	61	57	1.4	1.2	1.8	1.5	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0052	Residential	Ground	N	59	54	59	54	59	55	59	55	0	-0.1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0052	Residential	Ground	W	59	55	60	56	59	55	61	56	1.3	1.2	1.7	1.4	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0052	Residential	Ground	S	53	49	52	48	54	49	53	48	-1.1	-1.4	-0.6	-0.8	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0052	Residential	Ground	E	50	46	50	46	50	46	51	47	0.3	0.1	0.7	0.6	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0052	Residential	Ground	E	49	45	50	45	50	45	51	46	0.5	0.2	0.7	0.7	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0052	Residential	Ground	SE	54	49	55	51	54	49	56	51	1.8	1.6	2.1	2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0052	Residential	Ground	E	55	50	56	52	55	51	57	52	1.4	1.3	1.7	1.6	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA01A	NCA01A.RES.0052	Residential	Ground	NE	54	50	56	51	54	50	56	52	1.8	1.6	2.1	2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0052	Residential	Ground	E	53	48	55	50	53	48	56	51	2.3	2.2	2.6	2.5	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0052	Residential	Ground	E	53	48	55	50	53	49	56	51	2.2	2	2.5	2.4	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0052	Residential	Ground	E	52	47	54	50	52	48	55	50	2.4	2.2	2.7	2.6	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0052	Residential	Ground	E	53	49	55	50	54	49	56	51	1.7	1.5	2	1.9	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0052	Residential	First	N	60	56	62	57	61	56	62	58	1.4	1.3	1.8	1.5	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0052	Residential	First	W	57	53	59	55	57	53	60	55	2.1	1.9	2.5	2.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0052	Residential	First	N	56	51	58	54	56	52	59	54	2.6	2.5	2.9	2.7	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0052	Residential	First	E	58	53	60	55	58	53	60	56	2.2	1.9	2.5	2.3	60	55	NO	NO	NO	NO	YES
NCA01A	NCA01A.RES.0052	Residential	First	N	61	57	62	58	61	57	63	58	1.3	1	1.6	1.4	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0052	Residential	First	W	61	56	62	57	61	57	62	58	1.3	1	1.6	1.4	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0052	Residential	First	N	60	56	60	56	60	56	61	56	0.2	0.1	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0052	Residential	First	W	60	56	62	57	61	56	62	58	1.2	1	1.6	1.3	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0052	Residential	First	S	55	51	54	50	55	51	55	50	-0.7	-1	-0.2	-0.5	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0052	Residential	First	E	53	48	53	49	53	49	54	49	0.3	0.1	0.6	0.5	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0052	Residential	First	E	52	48	53	48	53	48	53	49	0.3	0.1	0.7	0.6	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0052	Residential	First	SE	57	52	59	55	57	53	60	55	2.4	2.2	2.8	2.5	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0052	Residential	First	E	58	54	60	56	59	54	61	56	1.9	1.7	2.2	2	60	55	NO	NO	NO	NO	YES
NCA01A	NCA01A.RES.0052	Residential	First	NE	58	54	60	56	59	54	61	56	1.9	1.6	2.2	2	60	55	NO	NO	NO	NO	YES
NCA01A	NCA01A.RES.0052	Residential	First	E	57	53	60	55	58	53	60	56	2.2	2.1	2.6	2.4	60	55	NO	NO	NO	NO	YES
NCA01A	NCA01A.RES.0052	Residential	First	E	58	53	60	55	58	54	60	56	2.1	1.9	2.4	2.1	60	55	NO	NO	NO	NO	YES
NCA01A	NCA01A.RES.0052	Residential	First	E	57	52	60	55	57	53	60	56	2.8	2.5	3	2.9	60	55	NO	NO	NO	NO	YES
NCA01A	NCA01A.RES.0052	Residential	First	E	58	54	60	56	58	54	61	56	2	1.8	2.3	2.1	60	55	NO	NO	NO	NO	YES
NCA01A	NCA01A.RES.0053	Residential	Ground	NW	62	58	64	59	62	58	64	60	1.6	1.4	1.9	1.7	60	55	NO	YES	NO	NO	YES
NCA01A	NCA01A.RES.0053	Residential	Ground	SW	62	58	62	58	62	58	63	58	0.1	0	0.5	0.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0053	Residential	Ground	NW	62	58	63	59	62	58	64	59	1.3	1.1	1.6	1.3	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0053	Residential	Ground	SW	61	57	61	57	61	57	62	57	0.3	0.2	0.6	0.3	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0053	Residential	Ground	SE	56	52	55	51	56	52	56	51	-0.7	-1.1	-0.3	-0.6	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0053	Residential	Ground	NE	57	53	58	54	58	53	59	54	1.1	1	1.4	1.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0053	Residential	First	NW	63	59	65	60	63	59	65	61	1.4	1.2	1.7	1.5	60	55	YES	YES	NO	NO	YES
NCA01A	NCA01A.RES.0053	Residential	First	SW	63	59	64	60	64	59	65	60	1	0.8	1.4	1.2	60	55	YES	YES	NO	NO	YES
NCA01A	NCA01A.RES.0053	Residential	First	NW	63	59	64	60	63	59	65	60	1.2	1	1.5	1.2	60	55	YES	YES	NO	NO	YES
NCA01A	NCA01A.RES.0053	Residential	First	SW	63	59	65	60	63	59	65	61	1.3	1.1	1.7	1.5	60	55	YES	YES	NO	NO	YES
NCA01A	NCA01A.RES.0053	Residential	First	SE	63	58	64	59	63	59	64	60	1.1	1	1.5	1.3	60	55	NO	YES	NO	NO	YES
NCA01A	NCA01A.RES.0053	Residential	First	NE	62	58	63	59	62	58	63	59	0.8	0.8	1.2	1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0054	Residential	Ground	NE	52	47	53	48	52	48	53	49	0.8	0.7	1.1	1.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0054	Residential	Ground	SE	52	47	52	48	52	48	53	48	0.6	0.3	0.8	0.9	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA01A	NCA01A.RES.0054	Residential	Ground	NE	55	50	56	51	55	50	56	52	1.3	1.1	1.6	1.5	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0054	Residential	Ground	NW	55	51	56	52	56	51	57	52	0.9	0.7	1.3	1.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0054	Residential	Ground	SW	55	50	55	51	55	50	56	51	0.7	0.5	1.1	0.9	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0054	Residential	Ground	W	55	50	55	51	55	50	56	51	0.8	0.5	1.2	0.9	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0054	Residential	Ground	N	54	49	55	50	54	49	55	51	1.2	1	1.7	1.4	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0054	Residential	Ground	W	55	51	55	51	55	51	56	51	0.4	0.2	0.7	0.6	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0054	Residential	Ground	S	53	48	52	48	53	49	53	48	-0.6	-0.9	-0.2	-0.4	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0054	Residential	Ground	E	52	48	52	48	52	48	53	48	0.3	0.1	0.7	0.6	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0054	Residential	Ground	S	50	46	50	46	50	46	51	46	0	-0.2	0.5	0.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0054	Residential	Ground	E	51	47	52	47	52	47	52	48	0.4	0	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0054	Residential	Ground	S	51	46	50	46	51	46	51	46	-0.2	-0.4	0.3	0	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0054	Residential	Ground	E	52	48	53	48	53	48	54	49	0.7	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0055	Residential	Ground	W	59	55	61	56	59	55	61	57	1.8	1.6	2.1	2	60	55	NO	NO	NO	NO	YES
NCA01A	NCA01A.RES.0055	Residential	Ground	S	54	50	55	50	55	50	55	51	0.2	0	0.6	0.3	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0055	Residential	Ground	W	54	50	54	50	54	50	55	50	0.2	0.1	0.6	0.3	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0055	Residential	Ground	S	54	50	54	50	54	50	55	50	0.1	-0.1	0.5	0.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0055	Residential	Ground	S	54	49	53	49	54	49	54	50	-0.1	-0.3	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0055	Residential	Ground	S	54	50	54	49	54	50	54	50	-0.1	-0.2	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0055	Residential	Ground	E	51	47	52	48	52	47	53	48	0.7	0.5	1.1	1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0055	Residential	Ground	N	58	53	58	54	58	53	59	54	0.7	0.7	1.1	0.9	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0055	Residential	Ground	N	58	54	60	55	59	54	60	56	1.6	1.4	1.9	1.7	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0055	Residential	Ground	N	59	54	60	56	59	54	61	56	1.8	1.6	2.2	1.9	60	55	NO	NO	NO	NO	YES
NCA01A	NCA01A.RES.0062	Residential	Ground	E	52	48	51	46	52	48	52	47	-0.8	-1.2	-0.3	-0.5	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0062	Residential	Ground	N	54	50	53	49	54	50	54	49	-0.9	-1.2	-0.4	-0.7	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0062	Residential	Ground	W	56	52	55	51	57	52	56	51	-1.2	-1.5	-0.7	-1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0062	Residential	Ground	S	55	51	54	49	56	51	55	50	-1.4	-1.8	-0.9	-1.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0063	Residential	Ground	E	50	46	50	45	51	46	51	46	-0.4	-0.8	-0.1	-0.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0063	Residential	Ground	E	51	47	51	46	51	47	51	47	-0.5	-0.8	0	-0.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0063	Residential	Ground	N	53	49	53	48	54	49	53	49	-0.7	-1	-0.2	-0.4	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0063	Residential	Ground	W	56	51	54	50	56	51	55	50	-1.2	-1.5	-0.7	-1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0063	Residential	Ground	S	55	51	54	49	55	51	54	50	-1.4	-1.8	-0.9	-1.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0063	Residential	Ground	W	55	51	54	50	56	51	55	50	-1.2	-1.5	-0.7	-0.9	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0063	Residential	Ground	N	54	50	53	49	54	50	54	49	-1	-1.3	-0.5	-0.8	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0063	Residential	Ground	W	56	52	55	50	56	52	55	51	-1.2	-1.6	-0.7	-1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0063	Residential	Ground	S	55	51	54	49	55	51	54	50	-1.4	-1.8	-0.9	-1.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0063	Residential	Ground	E	51	47	50	46	51	47	51	47	-0.8	-1.1	-0.3	-0.6	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0063	Residential	Ground	S	51	46	50	45	51	47	50	46	-1.1	-1.5	-0.6	-0.9	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA01A	NCA01A.RES.0063	Residential	Ground	E	51	47	50	46	51	47	51	47	-0.5	-0.9	0	-0.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0064	Residential	Ground	N	55	51	54	50	56	51	55	51	-1	-1.3	-0.5	-0.8	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0064	Residential	Ground	W	58	54	57	52	58	54	57	53	-1.4	-1.8	-0.9	-1.2	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0064	Residential	Ground	S	57	53	56	51	57	53	56	52	-1.5	-1.9	-1	-1.3	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0064	Residential	Ground	W	56	52	55	50	56	52	56	51	-1.4	-1.7	-0.8	-1.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0064	Residential	Ground	N	56	52	55	50	56	52	55	51	-1.3	-1.6	-0.8	-1.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0064	Residential	Ground	W	58	54	57	52	58	54	57	53	-1.4	-1.8	-0.9	-1.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0064	Residential	Ground	S	57	53	56	51	57	53	56	52	-1.6	-1.9	-1	-1.3	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0064	Residential	Ground	E	54	49	53	48	54	50	53	49	-1.1	-1.4	-0.6	-0.9	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0073	Residential	Ground	N	52	48	52	47	52	48	53	48	-0.3	-0.6	0.1	0	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0073	Residential	Ground	W	53	49	52	48	53	49	53	49	-0.8	-1.1	-0.3	-0.6	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0073	Residential	Ground	N	53	48	52	47	53	48	53	48	-0.7	-0.9	-0.2	-0.4	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0073	Residential	Ground	W	54	50	53	49	54	50	54	49	-1	-1.3	-0.5	-0.7	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0073	Residential	Ground	S	54	49	52	48	54	50	53	48	-1.3	-1.6	-0.8	-1.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0073	Residential	Ground	W	54	49	52	48	54	50	53	49	-1.3	-1.6	-0.8	-1.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0073	Residential	Ground	S	53	49	52	47	53	49	53	48	-1.3	-1.6	-0.8	-1.1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0073	Residential	Ground	E	51	46	50	45	51	47	50	46	-1.1	-1.4	-0.6	-0.8	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0073	Residential	Ground	S	52	48	51	47	53	48	52	47	-1.3	-1.6	-0.7	-1	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0073	Residential	Ground	E	50	46	50	45	50	46	51	46	0	-0.3	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0073	Residential	Ground	N	51	47	51	46	51	47	52	47	0	-0.3	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA01A	NCA01A.RES.0073	Residential	Ground	E	50	46	50	45	50	46	51	46	0	-0.2	0.5	0.4	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0010	Residential	Ground	N	52	47	52	47	52	47	52	48	0.1	-0.1	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0010	Residential	Ground	W	54	49	53	48	54	49	54	49	-0.6	-0.9	-0.1	-0.4	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0010	Residential	Ground	S	52	48	51	47	53	48	52	48	-1	-1.3	-0.5	-0.8	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0010	Residential	Ground	E	50	45	50	45	50	45	50	46	0.2	-0.1	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0011	Residential	Ground	W	53	49	53	48	53	49	54	49	-0.1	-0.4	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0011	Residential	Ground	S	52	48	51	47	52	48	52	47	-1	-1.3	-0.4	-0.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0011	Residential	Ground	E	50	45	50	45	50	45	51	46	0.2	0	0.7	0.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0011	Residential	Ground	N	52	47	52	48	52	48	53	48	0.6	0.3	0.9	0.8	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0012	Residential	Ground	W	53	48	53	48	53	49	53	49	0	-0.3	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0012	Residential	Ground	N	52	48	52	48	52	48	53	48	0.3	0	0.6	0.5	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0012	Residential	Ground	W	54	49	53	49	54	49	54	49	-0.3	-0.6	0.1	0	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0012	Residential	Ground	S	53	48	52	47	53	48	52	48	-0.9	-1.2	-0.4	-0.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0012	Residential	Ground	W	53	49	53	48	54	49	53	49	-0.5	-0.8	-0.1	-0.3	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0012	Residential	Ground	S	52	48	51	47	53	48	52	48	-1	-1.2	-0.5	-0.8	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0012	Residential	Ground	E	50	46	51	46	51	46	52	47	0.5	0.3	0.9	0.8	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0012	Residential	Ground	N	52	48	53	48	53	48	54	49	0.6	0.4	1	0.9	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA01B	NCA01B.RES.0013	Residential	Ground	W	54	49	54	49	54	50	55	50	0.2	0	0.7	0.4	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0013	Residential	Ground	S	52	48	51	47	52	48	52	47	-0.7	-0.9	-0.2	-0.4	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0013	Residential	Ground	W	53	48	53	49	53	49	54	49	0.4	0.2	0.9	0.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0013	Residential	Ground	N	52	48	53	48	52	48	53	49	0.8	0.6	1.2	1	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0013	Residential	Ground	W	54	49	54	49	54	50	55	50	0.2	-0.1	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0013	Residential	Ground	S	52	48	52	47	53	48	52	48	-0.8	-1.1	-0.3	-0.5	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0013	Residential	Ground	E	51	46	51	47	51	47	52	47	0.6	0.3	0.8	0.8	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0013	Residential	Ground	N	52	48	53	48	52	48	53	49	0.8	0.6	1.1	1	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0014	Residential	Ground	W	53	49	53	49	53	49	54	49	0.2	0	0.7	0.4	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0014	Residential	Ground	S	51	47	50	46	51	47	51	47	-0.4	-0.7	0	-0.2	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0014	Residential	Ground	E	51	46	51	47	51	47	52	48	0.5	0.3	0.8	0.8	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0014	Residential	Ground	N	53	48	53	49	53	49	54	49	0.7	0.5	1	0.9	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0025	Residential	Ground	W	53	48	53	49	53	49	54	50	0.6	0.5	1.1	0.9	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0025	Residential	Ground	S	51	46	50	45	51	46	50	46	-0.8	-1.1	-0.4	-0.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0025	Residential	Ground	W	51	47	51	46	51	47	51	47	-0.5	-0.7	-0.1	-0.3	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0025	Residential	Ground	S	51	46	50	45	51	46	50	46	-0.8	-1.2	-0.4	-0.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0025	Residential	Ground	E	48	43	49	44	48	44	49	45	0.8	0.7	1	1.1	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0025	Residential	Ground	S	44	40	45	40	44	40	45	41	0.4	0.2	0.8	0.6	56	52	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0025	Residential	Ground	E	50	45	51	46	50	46	52	47	0.9	0.8	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0025	Residential	Ground	N	54	49	56	51	54	50	56	52	1.9	1.8	2.2	2.1	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0025	Residential	Ground	N	54	50	56	51	54	50	56	52	1.7	1.6	2.1	2	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0025	Residential	Ground	N	54	50	56	51	54	50	56	52	1.7	1.6	2	2	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0025	Residential	Ground	W	53	49	55	50	53	49	56	51	1.8	1.6	2.2	2	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0025	Residential	Ground	N	53	48	55	50	53	48	55	51	2.1	1.9	2.4	2.4	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0025	Residential	First	W	55	51	56	52	55	51	57	52	1.3	1.1	1.7	1.5	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0025	Residential	First	S	52	48	52	47	52	48	52	48	-0.3	-0.5	0.1	-0.1	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0025	Residential	First	W	53	49	53	49	53	49	54	49	0.3	-0.1	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0025	Residential	First	S	52	48	52	47	52	48	52	48	-0.3	-0.6	0.1	-0.1	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0025	Residential	First	E	51	46	51	47	51	46	52	48	0.8	0.6	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0025	Residential	First	S	49	45	49	45	49	45	50	45	0.5	0.2	0.9	0.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0025	Residential	First	E	52	47	53	48	52	48	53	49	0.9	0.7	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0025	Residential	First	N	55	51	57	52	56	51	58	53	1.7	1.6	2	2	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0025	Residential	First	N	55	51	57	52	56	51	58	53	1.5	1.4	1.9	1.8	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0025	Residential	First	N	55	51	57	52	56	51	58	53	1.5	1.4	1.9	1.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0025	Residential	First	W	55	50	56	52	55	50	57	52	1.7	1.5	2	1.9	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0025	Residential	First	N	54	50	56	52	55	50	57	52	1.8	1.7	2.1	2	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0037	Residential	Ground	NW	50	46	50	46	50	46	51	46	0.1	-0.1	0.5	0.5	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA01B	NCA01B.RES.0037	Residential	Ground	SW	49	44	49	44	49	45	49	45	-0.2	-0.5	0.3	0	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0037	Residential	Ground	SE	49	45	49	44	49	45	50	45	0.2	-0.1	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0037	Residential	Ground	NE	49	44	49	45	49	44	50	46	0.8	0.7	1.1	1.1	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0038	Residential	Ground	NE	52	47	53	49	52	48	54	49	1.5	1.3	1.8	1.8	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0038	Residential	Ground	NW	53	49	54	49	53	49	55	50	1	0.9	1.4	1.4	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0038	Residential	Ground	NW	52	48	54	49	53	48	54	50	1.3	1.1	1.5	1.5	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0038	Residential	Ground	N	53	48	54	49	53	49	55	50	1.1	0.9	1.4	1.4	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0038	Residential	Ground	NW	53	49	54	50	54	49	55	51	1	0.8	1.3	1.2	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0038	Residential	Ground	W	53	49	54	49	53	49	54	50	1	0.7	1.3	1.2	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0038	Residential	Ground	NW	52	47	53	49	52	48	54	49	1.4	1.1	1.7	1.5	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0038	Residential	Ground	NW	52	48	54	49	53	48	54	50	1.2	1	1.5	1.4	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0038	Residential	Ground	SW	51	47	52	48	51	47	53	48	1.1	0.9	1.5	1.4	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0038	Residential	Ground	SE	49	45	49	45	49	45	50	45	0	-0.2	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0038	Residential	Ground	SE	49	44	49	44	49	44	49	45	-0.1	-0.2	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0038	Residential	Ground	S	50	45	50	45	50	45	50	46	-0.1	-0.4	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0038	Residential	Ground	SE	50	46	51	46	51	46	51	47	0.4	0.1	0.7	0.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0038	Residential	Ground	E	49	45	50	45	50	45	51	46	0.7	0.5	1.1	0.9	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0038	Residential	Ground	SE	48	43	48	44	48	43	49	45	0.9	0.7	1.2	1.2	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0038	Residential	Ground	SE	48	44	49	44	49	44	50	45	0.7	0.5	1.1	0.9	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0039	Residential	Ground	E	52	48	53	48	53	48	54	49	0.6	0.5	0.9	1	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0039	Residential	Ground	NE	52	48	53	49	53	48	54	49	1	1	1.4	1.4	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0039	Residential	Ground	E	52	47	52	48	52	47	53	49	0.8	0.7	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0039	Residential	Ground	E	52	47	53	48	52	48	53	49	0.9	0.7	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0039	Residential	Ground	N	54	50	56	51	55	50	56	52	1.4	1.3	1.8	1.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0039	Residential	Ground	W	53	49	55	50	54	49	55	51	1.6	1.4	1.9	1.8	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0039	Residential	Ground	N	54	49	55	51	54	50	56	51	1.6	1.5	1.9	1.8	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0039	Residential	Ground	W	50	46	51	46	50	46	52	47	0.8	0.6	1.2	1.2	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0039	Residential	Ground	S	50	46	51	46	51	46	51	47	0.2	-0.1	0.6	0.3	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0039	Residential	Ground	E	51	46	52	47	51	47	52	48	1	0.8	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0039	Residential	Ground	E	49	44	49	45	49	45	50	46	0.8	0.6	1.1	1	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0039	Residential	Ground	SE	52	47	52	48	52	47	53	48	0.7	0.4	0.9	0.9	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0040	Residential	Ground	W	52	48	53	49	53	48	54	50	1.2	1	1.6	1.4	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0040	Residential	Ground	S	50	45	50	45	50	46	50	46	0.1	-0.1	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0040	Residential	Ground	W	50	46	50	46	50	46	51	46	0.4	0.2	0.9	0.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0040	Residential	Ground	S	49	45	49	45	49	45	50	45	0.3	0.1	0.7	0.5	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0040	Residential	Ground	E	50	46	51	47	51	46	52	48	1	1	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0040	Residential	Ground	N	53	49	54	50	53	49	55	50	1.3	1.1	1.6	1.6	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA01B	NCA01B.RES.0040	Residential	Ground	W	52	48	53	49	52	48	54	49	1.2	1.1	1.6	1.4	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0040	Residential	Ground	N	51	47	53	48	52	47	53	49	1.2	1.1	1.5	1.5	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0040	Residential	Ground	E	51	46	52	47	51	46	52	48	1	0.8	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0040	Residential	Ground	N	53	48	54	50	53	49	55	50	1.4	1.3	1.7	1.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0041	Residential	Ground	N	54	49	55	51	54	50	56	51	1.6	1.5	1.8	1.8	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0041	Residential	Ground	W	53	49	55	50	54	49	55	51	1.3	1.2	1.7	1.5	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0041	Residential	Ground	W	53	48	54	50	53	49	55	50	1.6	1.3	1.9	1.8	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0041	Residential	Ground	N	54	49	55	50	54	49	56	51	1.5	1.3	1.8	1.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0041	Residential	Ground	W	54	49	55	51	54	50	56	51	1.2	1.1	1.6	1.5	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0041	Residential	Ground	W	53	48	54	50	53	49	55	50	1.4	1.2	1.7	1.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0041	Residential	Ground	S	52	48	54	49	53	48	54	50	1.3	1.1	1.7	1.5	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0041	Residential	Ground	W	53	48	54	50	53	49	55	50	1.3	1.2	1.7	1.5	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0041	Residential	Ground	S	51	47	51	47	51	47	52	47	0.3	0.1	0.7	0.4	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0041	Residential	Ground	E	51	47	52	48	52	47	53	48	1	0.8	1.3	1.3	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0042	Residential	Ground	NW	54	49	55	50	54	50	56	51	1.2	1.1	1.5	1.5	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0042	Residential	Ground	NE	53	48	54	50	53	49	55	51	1.6	1.5	1.9	1.9	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0042	Residential	Ground	NW	54	49	55	50	54	50	56	51	1.2	1	1.5	1.5	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0042	Residential	Ground	SW	51	47	53	48	52	47	54	49	1.6	1.4	1.9	1.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0042	Residential	Ground	NW	52	48	53	49	52	48	54	50	1.6	1.4	1.9	1.8	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0042	Residential	Ground	SW	51	47	53	48	52	47	53	49	1.5	1.3	1.9	1.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0042	Residential	Ground	SE	49	44	49	45	49	44	50	45	0.8	0.6	1.2	1	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0042	Residential	Ground	SW	48	44	49	45	49	44	50	45	0.8	0.6	1.2	1.1	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0042	Residential	Ground	SE	50	46	51	47	51	46	52	48	0.9	0.6	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0042	Residential	Ground	NE	48	44	50	45	48	44	51	46	1.9	1.7	2.2	2.1	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0042	Residential	Ground	SE	48	44	49	44	48	44	50	45	0.9	0.7	1.3	1.1	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0042	Residential	Ground	SW	48	44	49	45	49	44	50	45	0.8	0.6	1.3	1.1	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0042	Residential	Ground	SE	51	47	52	47	52	47	53	48	1	0.8	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0042	Residential	Ground	NE	53	48	54	49	53	48	55	50	1.3	1.2	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0042	Residential	Ground	NE	53	48	54	49	53	49	55	50	1.3	1.2	1.6	1.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0042	Residential	Ground	NE	53	48	55	50	53	49	55	51	1.7	1.6	2	2	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0042	Residential	Ground	NW	53	49	55	50	54	49	55	51	1.6	1.4	1.9	1.9	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0042	Residential	Ground	NE	53	48	55	50	53	49	55	51	1.7	1.6	1.9	2	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0043	Residential	Ground	W	52	47	53	49	52	48	54	49	1.4	1.2	1.8	1.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0043	Residential	Ground	S	49	45	50	45	50	45	51	46	0.6	0.3	0.9	0.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0043	Residential	Ground	E	50	46	51	47	51	46	52	47	0.9	0.8	1.1	1.1	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0043	Residential	Ground	S	48	43	49	45	48	44	50	45	1.3	1.1	1.6	1.5	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0043	Residential	Ground	E	52	48	53	49	53	48	54	50	1.1	0.9	1.3	1.4	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA01B	NCA01B.RES.0043	Residential	Ground	N	54	49	55	51	54	50	56	51	1.3	1.1	1.6	1.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0044	Residential	Ground	E	53	48	54	49	53	48	55	50	1.3	1.2	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0044	Residential	Ground	S	47	43	49	44	48	43	50	45	1.7	1.7	1.7	1.9	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0044	Residential	Ground	SE	51	46	52	48	51	47	53	49	1.6	1.5	1.7	1.8	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0044	Residential	Ground	SE	52	48	54	49	53	48	54	50	1.3	1.2	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0044	Residential	Ground	E	53	48	54	49	53	48	55	50	1.2	1.2	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0044	Residential	Ground	NE	53	48	54	49	53	48	55	50	1.3	1.2	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0044	Residential	Ground	E	52	48	54	49	53	48	54	50	1.3	1.2	1.4	1.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0044	Residential	Ground	E	53	48	54	49	53	48	55	50	1.2	1.2	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0044	Residential	Ground	NE	53	49	54	50	54	49	55	51	1.3	1.1	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0044	Residential	Ground	N	53	49	54	50	54	49	55	51	1.2	1.1	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0044	Residential	Ground	N	53	49	54	50	54	49	55	51	1.3	1.1	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0044	Residential	Ground	NE	53	48	54	49	53	48	54	50	1.3	1.2	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0044	Residential	Ground	NW	53	48	54	49	53	48	55	50	1.2	1.2	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0044	Residential	Ground	NE	53	49	55	50	54	49	56	51	1.7	1.5	1.8	2	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0044	Residential	Ground	N	54	49	55	51	54	50	56	52	1.5	1.4	1.7	1.8	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0044	Residential	Ground	N	54	50	56	51	55	50	56	52	1.4	1.3	1.6	1.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0044	Residential	Ground	NW	54	50	56	51	55	50	56	52	1.3	1.1	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0044	Residential	Ground	NW	53	48	54	49	53	49	55	50	1.1	0.9	1.5	1.5	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0044	Residential	Ground	SW	49	45	51	46	50	45	51	47	1.3	1.1	1.6	1.4	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0044	Residential	Ground	SW	49	45	50	46	49	45	51	46	1.4	1.2	1.7	1.4	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0044	Residential	Ground	W	50	45	51	47	50	46	52	47	1.5	1.4	1.9	1.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0044	Residential	Ground	W	50	46	51	47	50	46	52	47	1.4	1.2	1.7	1.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0044	Residential	Ground	SW	49	45	51	46	49	45	51	47	1.7	1.5	2.1	1.8	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0044	Residential	Ground	SW	49	44	50	46	49	45	51	46	1.5	1.4	1.9	1.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0044	Residential	Ground	NW	50	45	51	47	50	45	52	47	1.6	1.4	1.9	1.8	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0044	Residential	Ground	NW	50	45	51	47	50	45	52	47	1.5	1.4	1.9	1.8	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0044	Residential	Ground	W	48	44	50	45	49	44	50	46	1.2	1.1	1.6	1.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0044	Residential	Ground	SW	48	43	48	44	48	43	49	45	0.8	0.6	1.2	1.2	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0044	Residential	Ground	SW	48	43	48	44	48	44	49	44	0.9	0.6	1.2	0.9	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0044	Residential	Ground	SE	49	44	50	45	49	45	51	46	1.2	1.1	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0044	Residential	Ground	SE	44	39	47	43	44	40	48	43	3.4	3.3	3.5	3.6	56	51	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0044	Residential	Ground	SE	51	46	52	47	51	47	53	48	1.4	1.2	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0044	Residential	Ground	SE	51	46	52	48	51	47	53	49	1.4	1.2	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0044	Residential	Ground	E	50	45	52	47	51	46	52	48	1.7	1.6	1.7	2	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0044	Residential	Ground	NE	49	45	51	46	50	45	52	47	1.8	1.6	1.9	2.1	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0044	Residential	Ground	SE	48	44	50	45	49	44	50	46	1.4	1.5	1.5	1.7	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA01B	NCA01B.RES.0044	Residential	Ground	SE	41	37	42	38	41	37	43	38	1.2	1.1	1.6	1.5	53	49	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0045	Residential	Ground	NW	53	49	54	50	54	49	55	50	1	0.9	1.4	1.4	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0045	Residential	Ground	NW	51	47	52	48	52	47	53	49	1.2	1	1.5	1.4	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0045	Residential	Ground	NW	53	49	54	49	53	49	55	50	1	0.9	1.4	1.4	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0045	Residential	Ground	SW	51	46	52	47	51	47	52	48	1.2	1	1.5	1.3	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0045	Residential	Ground	SE	48	43	48	44	48	43	49	44	0.6	0.4	1	0.9	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0045	Residential	Ground	SW	48	43	48	44	48	43	49	44	0.6	0.4	1.1	0.9	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0045	Residential	Ground	SE	48	43	48	44	48	44	49	45	0.7	0.5	1.1	0.9	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0045	Residential	Ground	S	47	43	48	44	48	43	49	44	0.7	0.5	1	0.9	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0045	Residential	Ground	SW	47	43	48	43	48	43	49	44	0.5	0.3	0.9	0.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0045	Residential	Ground	SW	48	43	48	44	48	44	49	44	0.5	0.3	0.9	0.8	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0045	Residential	Ground	SE	50	46	52	47	51	46	52	48	1.2	1.2	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0045	Residential	Ground	NE	49	45	51	47	50	45	52	47	2.2	2	2.4	2.4	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0045	Residential	Ground	SE	48	44	51	46	49	44	51	47	2.5	2.3	2.7	2.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0045	Residential	Ground	NE	52	47	53	49	52	47	54	49	1.5	1.4	1.9	2	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0046	Residential	Ground	S	50	46	50	46	50	46	51	46	0.2	0	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0046	Residential	Ground	E	51	47	52	47	52	47	53	48	0.8	0.7	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0046	Residential	Ground	E	48	43	49	44	48	44	49	45	0.9	0.8	1.1	1.1	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0046	Residential	Ground	E	52	47	53	48	52	48	53	49	0.8	0.6	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0046	Residential	Ground	N	54	49	55	50	54	50	56	51	1.2	1	1.5	1.5	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0046	Residential	Ground	W	53	48	54	49	53	49	54	50	1.1	0.8	1.4	1.3	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0047	Residential	Ground	SE	50	46	51	47	50	46	52	48	1.3	1.1	1.6	1.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0047	Residential	Ground	NE	52	47	53	48	52	48	54	49	1.2	1.1	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0047	Residential	Ground	NW	53	49	55	50	53	49	55	51	1.5	1.2	1.7	1.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0047	Residential	Ground	NE	53	48	54	50	53	48	55	50	1.7	1.5	1.9	2.1	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0047	Residential	Ground	NW	53	48	54	50	53	49	55	50	1.4	1.2	1.6	1.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0047	Residential	Ground	SE	48	44	49	44	48	44	49	45	0.8	0.6	1.2	1.1	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0047	Residential	Ground	SW	50	46	51	47	50	46	52	47	1.2	1.1	1.6	1.4	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0047	Residential	Ground	SE	51	46	52	47	51	46	53	48	1.5	1.3	1.7	1.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0047	Residential	Ground	NE	51	46	53	48	51	47	53	49	1.8	1.6	2	2.1	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0047	Residential	Ground	SE	50	45	51	47	50	45	52	48	1.9	1.8	2.1	2.2	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0047	Residential	Ground	SE	49	44	50	45	49	44	51	46	1.4	1.2	1.6	1.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0047	Residential	Ground	SE	50	45	51	46	50	46	51	47	1.2	1	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0047A	Residential	Ground	NW	52	48	53	49	52	48	54	50	1.5	1.3	1.8	1.8	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0047A	Residential	Ground	SW	51	46	52	48	51	46	53	48	1.5	1.4	1.9	1.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0047A	Residential	Ground	SE	48	44	49	44	48	44	50	45	0.9	0.7	1.3	1.2	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0056	Residential	Ground	N	53	49	54	50	53	49	55	50	1.1	1	1.5	1.5	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA01B	NCA01B.RES.0056	Residential	Ground	W	51	47	52	48	51	47	53	48	1.3	1.1	1.7	1.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0056	Residential	Ground	N	53	48	54	50	53	49	55	50	1.1	1.1	1.5	1.5	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0056	Residential	Ground	W	52	47	52	48	52	47	53	49	0.9	0.7	1.3	1.2	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0056	Residential	Ground	S	48	44	47	43	48	44	48	43	-0.7	-1	-0.3	-0.5	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0056	Residential	Ground	W	49	45	49	44	49	45	50	45	-0.2	-0.5	0.3	0	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0056	Residential	Ground	S	48	44	47	43	48	44	48	43	-0.8	-1	-0.3	-0.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0056	Residential	Ground	E	43	38	44	39	43	39	45	40	1.3	1	1.6	1.6	55	50	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0056	Residential	Ground	S	46	42	46	41	47	42	46	42	-0.5	-0.8	-0.1	-0.3	59	54	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0056	Residential	Ground	E	50	46	51	47	51	46	52	48	1	1	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0056	Residential	Ground	N	51	47	52	47	52	47	53	48	0.9	0.9	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0056	Residential	Ground	E	51	46	52	47	51	46	52	48	0.9	0.9	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0057	Residential	Ground	S	46	42	47	43	46	42	48	43	1.1	0.9	1.5	1.3	58	54	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0057	Residential	Ground	S	48	44	50	45	49	44	50	46	1.4	1.1	1.7	1.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0057	Residential	Ground	E	51	47	52	48	51	47	53	48	1.2	1.1	1.5	1.5	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0057	Residential	Ground	N	53	48	54	49	53	49	55	50	1.1	0.9	1.4	1.4	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0057	Residential	Ground	W	51	47	52	48	51	47	53	48	1.1	0.9	1.5	1.4	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0057	Residential	Ground	S	49	44	49	44	49	44	49	45	0.2	0	0.6	0.5	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0057	Residential	Ground	W	49	44	49	44	49	44	49	45	0.1	-0.1	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0057	Residential	Ground	S	50	45	50	46	50	45	51	46	0.6	0.4	1	0.8	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0057	Residential	Ground	S	51	46	51	47	51	47	52	47	0.6	0.4	0.8	0.8	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0057	Residential	Ground	SE	50	46	51	46	50	46	51	47	0.8	0.6	1	1	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0058	Residential	Ground	N	53	49	54	50	53	49	55	50	1.4	1.2	1.6	1.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0058	Residential	Ground	W	52	47	53	48	52	47	54	49	1.4	1.2	1.7	1.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0058	Residential	Ground	N	52	47	53	49	52	48	54	49	1.4	1.2	1.7	1.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0058	Residential	Ground	NW	53	48	54	49	53	48	55	50	1.4	1.2	1.8	1.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0058	Residential	Ground	N	52	47	53	49	52	48	54	49	1.5	1.3	1.8	1.8	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0058	Residential	Ground	N	52	48	54	49	53	48	55	50	1.4	1.2	1.8	1.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0058	Residential	Ground	N	52	48	54	49	52	48	54	50	1.5	1.3	1.8	1.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0058	Residential	Ground	N	53	48	54	50	53	49	55	50	1.2	1.2	1.6	1.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0058	Residential	Ground	W	51	46	52	48	51	47	53	48	1.6	1.4	1.9	1.8	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0058	Residential	Ground	S	48	44	49	45	49	44	50	45	1	0.7	1.3	1.1	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0058	Residential	Ground	S	48	44	49	44	48	44	50	45	0.8	0.6	1.2	1	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0058	Residential	Ground	S	49	44	49	45	49	44	50	45	0.8	0.6	1.1	1	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0058	Residential	Ground	E	47	43	48	44	47	43	49	44	1.2	1	1.5	1.4	59	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0058	Residential	Ground	S	48	44	49	44	49	44	50	45	0.6	0.4	1	0.8	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0058	Residential	Ground	W	49	44	50	45	49	45	50	46	0.8	0.5	1.1	0.9	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0058	Residential	Ground	S	49	45	50	45	49	45	50	46	0.9	0.7	1.2	1.1	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA01B	NCA01B.RES.0058	Residential	Ground	E	51	47	52	48	51	47	53	48	1.2	1	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0058	Residential	Ground	E	51	47	52	48	51	47	53	48	1.2	1	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0058	Residential	Ground	E	51	47	52	48	52	47	53	49	1.3	1.2	1.6	1.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0058	Residential	Ground	E	52	47	54	49	52	48	54	50	1.8	1.7	2.1	2.1	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0058	Residential	Ground	N	52	48	54	49	53	48	55	50	1.7	1.6	2	2	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0058	Residential	Ground	E	51	47	53	48	52	47	53	49	1.3	1.1	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0059	Residential	Ground	NW	54	50	55	50	54	50	56	51	0.9	0.8	1.3	1.3	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0059	Residential	Ground	SW	51	47	53	48	52	47	53	49	1.3	1.1	1.6	1.5	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0059	Residential	Ground	NW	53	48	54	49	53	48	54	50	1.1	1	1.5	1.5	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0059	Residential	Ground	SW	52	47	53	48	52	47	53	49	1.3	1.2	1.7	1.5	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0059	Residential	Ground	SW	51	47	52	48	51	47	53	49	1.4	1.2	1.7	1.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0059	Residential	Ground	SW	51	47	52	48	51	47	53	48	1.4	1.2	1.7	1.5	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0059	Residential	Ground	SE	49	44	49	45	49	44	50	45	0.6	0.3	0.9	0.9	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0059	Residential	Ground	SE	48	44	49	44	48	44	49	45	0.6	0.4	1	0.9	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0059	Residential	Ground	SW	48	44	49	44	49	44	50	45	0.7	0.4	1.1	0.9	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0059	Residential	Ground	SE	51	46	52	47	51	47	53	48	1.4	1.2	1.6	1.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0059	Residential	Ground	NE	53	49	54	50	54	49	55	51	1.2	1.1	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0059	Residential	Ground	NW	53	49	54	50	54	49	55	51	1.2	1.2	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0059	Residential	Ground	NE	53	49	54	50	54	49	55	51	1.2	1.2	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0060	Residential	Ground	W	51	47	52	48	51	47	53	49	1.4	1.2	1.7	1.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0060	Residential	Ground	S	50	45	51	47	50	46	52	47	1.5	1.4	1.9	1.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0060	Residential	Ground	W	50	46	52	47	51	46	53	48	1.5	1.3	1.8	1.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0060	Residential	Ground	S	49	45	50	46	49	45	51	46	0.9	0.8	1.3	1.1	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0060	Residential	Ground	E	49	44	50	46	49	45	51	46	1.3	1.2	1.6	1.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0060	Residential	Ground	E	48	43	49	45	48	44	50	45	1.4	1.2	1.6	1.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0060	Residential	Ground	E	48	43	49	45	48	44	50	45	1.4	1.3	1.7	1.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0060	Residential	Ground	SE	47	43	48	44	47	43	49	44	1.2	1	1.5	1.4	59	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0060	Residential	Ground	SE	47	43	48	44	48	43	49	44	0.9	0.8	1.4	1.2	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0060	Residential	Ground	S	48	44	49	44	48	44	49	45	1	0.7	1.3	1.2	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0060	Residential	Ground	S	48	44	49	45	49	44	50	45	0.8	0.6	1.2	1	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0060	Residential	Ground	S	48	44	49	45	49	44	50	45	0.8	0.6	1.1	1	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0060	Residential	Ground	SW	49	45	51	46	50	45	51	47	1.4	1.2	1.7	1.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0060	Residential	Ground	SE	51	47	53	48	52	47	53	49	1.3	1.2	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0060	Residential	Ground	NE	53	48	54	50	53	49	55	51	1.4	1.3	1.6	1.8	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0060	Residential	Ground	N	53	49	55	50	54	49	55	51	1.6	1.4	1.7	1.9	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0060	Residential	Ground	NE	53	48	54	49	53	49	55	50	1.3	1.1	1.6	1.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0060	Residential	Ground	N	53	49	55	50	54	49	56	51	1.6	1.4	1.8	1.9	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA01B	NCA01B.RES.0060	Residential	Ground	NW	54	49	55	50	54	49	56	51	1.4	1.3	1.6	1.8	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0060	Residential	Ground	W	53	49	54	50	53	49	55	51	1.2	1.1	1.6	1.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0060	Residential	Ground	NW	53	48	54	50	53	49	55	50	1.4	1.3	1.7	1.8	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0060	Residential	Ground	W	53	48	54	49	53	48	55	50	1.3	1.2	1.6	1.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0060	Residential	Ground	NW	51	47	53	48	52	47	53	49	1.4	1.3	1.8	1.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0060	Residential	Ground	NW	52	48	54	49	52	48	54	50	1.4	1.2	1.7	1.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0060	Residential	Ground	W	51	47	53	48	52	47	53	49	1.4	1.1	1.7	1.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0061	Residential	Ground	SE	52	47	53	48	52	48	54	49	1.4	1.2	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0061	Residential	Ground	SE	52	47	53	49	52	48	54	50	1.4	1.3	1.7	1.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0061	Residential	Ground	E	53	48	54	49	53	49	55	50	1.1	1	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0061	Residential	Ground	NE	53	49	54	50	54	49	55	50	1.1	1	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0061	Residential	Ground	N	53	49	54	50	54	49	55	51	1.2	1	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0061	Residential	Ground	NW	53	48	54	49	53	49	55	50	1.2	1	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0061	Residential	Ground	NE	53	48	54	49	53	48	54	50	1.2	1	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0061	Residential	Ground	E	53	48	54	49	53	49	55	50	1.1	1	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0061	Residential	Ground	NE	53	49	55	50	54	49	55	51	1.4	1.3	1.7	1.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0061	Residential	Ground	N	53	49	55	50	54	49	55	51	1.3	1.2	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0061	Residential	Ground	NE	53	49	55	50	54	49	55	51	1.5	1.4	1.7	1.9	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0061	Residential	Ground	N	54	49	55	51	54	50	56	51	1.4	1.2	1.6	1.8	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0061	Residential	Ground	NW	54	49	55	51	54	50	56	51	1.3	1.2	1.6	1.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0061	Residential	Ground	W	53	48	54	49	53	49	55	50	1.2	1.1	1.6	1.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0061	Residential	Ground	SW	51	47	52	48	51	47	53	48	1.2	1.1	1.6	1.5	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0061	Residential	Ground	W	51	46	52	48	51	47	53	48	1.3	1.2	1.6	1.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0061	Residential	Ground	SW	48	44	50	46	49	44	51	47	2	1.9	2.3	2.1	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0061	Residential	Ground	NW	48	43	49	45	48	44	50	45	1.4	1.2	1.7	1.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0061	Residential	Ground	NE	48	44	49	45	48	44	50	45	1.3	1.2	1.7	1.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0061	Residential	Ground	NW	52	47	53	48	52	48	54	49	1.1	1	1.5	1.4	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0061	Residential	Ground	SW	50	46	51	47	50	46	52	48	1.3	1.2	1.6	1.5	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0061	Residential	Ground	SE	48	44	49	44	48	44	49	45	0.7	0.5	1.1	1	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0061	Residential	Ground	SW	50	45	51	46	50	45	51	47	1.3	1.2	1.6	1.5	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0061	Residential	Ground	W	50	46	51	47	50	46	52	48	1.3	1.2	1.6	1.5	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0061	Residential	Ground	SW	50	46	51	47	50	46	52	48	1.3	1.1	1.7	1.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0061	Residential	Ground	S	50	45	51	47	50	46	52	47	1.4	1.1	1.7	1.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0061	Residential	Ground	SE	48	43	48	44	48	43	49	44	0.7	0.5	1	1	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0061	Residential	Ground	SW	49	44	50	45	49	45	50	46	0.9	0.6	1.2	1.1	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0061	Residential	Ground	SE	51	46	52	47	51	46	52	48	1.3	1.1	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0061	Residential	Ground	NE	53	48	54	49	53	48	55	50	1.3	1.2	1.5	1.7	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA01B	NCA01B.RES.0061	Residential	Ground	E	53	48	54	49	53	48	54	50	1.2	1.1	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0061	Residential	Ground	NE	52	48	54	49	53	48	54	50	1.3	1.2	1.6	1.8	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0104	Residential	Ground	SW	50	46	50	46	51	46	51	46	-0.3	-0.5	0.2	-0.1	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0104	Residential	Ground	SE	50	46	50	46	50	46	51	47	0.2	-0.1	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0104	Residential	Ground	NE	50	46	51	46	50	46	52	47	1	0.8	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0104	Residential	Ground	NW	51	47	51	47	52	47	52	48	0.1	-0.2	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0105	Residential	Ground	NE	50	46	51	46	50	46	52	47	1	0.7	1.2	1.1	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0105	Residential	Ground	NW	51	47	51	47	51	47	52	47	0.3	0	0.6	0.5	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0105	Residential	Ground	SW	50	46	50	45	50	46	51	46	-0.3	-0.6	0.2	-0.1	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0105	Residential	Ground	SE	50	45	50	46	50	46	51	46	0.3	0.2	0.7	0.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0106	Residential	Ground	NE	51	46	52	48	51	47	53	49	1.5	1.3	1.8	1.8	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0106	Residential	Ground	NE	51	46	52	48	51	47	53	49	1.5	1.3	1.8	1.8	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0106	Residential	Ground	NW	52	48	54	49	53	48	54	50	1.1	0.9	1.5	1.4	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0106	Residential	Ground	SW	52	48	52	48	52	48	53	49	0.6	0.4	1.1	0.8	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0106	Residential	Ground	SE	50	46	50	45	50	46	50	46	-0.4	-0.7	0	-0.2	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0106	Residential	Ground	SW	50	46	50	45	51	46	51	46	-0.4	-0.7	0.1	-0.1	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0106	Residential	Ground	SE	50	46	50	45	51	46	51	46	-0.5	-0.8	0	-0.3	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0106	Residential	Ground	SW	51	47	51	47	52	47	52	47	-0.1	-0.4	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0106	Residential	Ground	SE	51	47	51	46	51	47	52	47	-0.1	-0.4	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0106	Residential	Ground	NE	51	47	52	48	51	47	53	49	1.5	1.3	1.7	1.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0107	Residential	Ground	NW	53	49	54	50	53	49	55	50	1.1	1	1.5	1.3	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0107	Residential	Ground	SW	51	46	51	46	51	46	52	47	0.3	0.1	0.7	0.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0107	Residential	Ground	SE	48	44	48	44	48	44	49	44	0.4	0.1	0.7	0.5	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0107	Residential	Ground	SW	49	45	50	45	50	45	51	46	0.5	0.3	0.9	0.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0107	Residential	Ground	S	50	45	50	45	50	46	51	46	0.3	0	0.7	0.4	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0107	Residential	Ground	S	50	46	51	46	51	46	51	47	0.4	0.2	0.7	0.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0107	Residential	Ground	SE	50	46	51	46	51	46	52	47	0.7	0.5	1	1	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0107	Residential	Ground	E	50	45	51	46	50	46	52	47	0.9	0.7	1.3	1.2	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0107	Residential	Ground	NE	49	44	50	45	49	45	51	46	1.2	1	1.4	1.4	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0107	Residential	Ground	SE	49	44	49	45	49	44	50	46	0.9	0.7	1.2	1.2	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0107	Residential	Ground	SE	49	44	50	45	49	45	50	46	0.7	0.5	1.1	1	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0107	Residential	Ground	SE	50	46	51	46	51	46	52	47	0.8	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0107	Residential	Ground	E	50	46	51	47	51	46	52	47	1	0.9	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0107	Residential	Ground	NE	50	46	52	47	50	46	52	48	1.7	1.5	1.9	1.9	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0107	Residential	Ground	NE	48	44	49	45	48	44	50	45	1.3	1.1	1.6	1.5	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0107	Residential	Ground	SE	47	42	48	43	47	43	48	44	0.9	0.7	1.3	1.2	59	54	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0107	Residential	Ground	SW	48	44	49	44	48	44	50	45	1.1	0.9	1.5	1.3	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA01B	NCA01B.RES.0107	Residential	Ground	SE	50	45	50	46	50	45	51	47	0.9	0.7	1.3	1.2	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0107	Residential	Ground	NE	51	47	52	47	51	47	53	48	1	0.9	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0107	Residential	Ground	SE	50	46	51	47	51	46	52	47	0.9	0.8	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0107	Residential	Ground	NE	53	48	54	50	53	49	55	50	1.6	1.4	1.9	1.8	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0107	Residential	Ground	NW	53	48	54	50	53	49	55	50	1.3	1.2	1.7	1.7	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0107	Residential	Ground	NE	52	48	54	50	53	48	55	50	1.7	1.5	1.9	1.9	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0108	Residential	Ground	NE	51	47	52	48	52	47	53	48	1.2	1.1	1.4	1.4	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0108	Residential	Ground	NW	51	47	52	48	52	47	53	48	0.8	0.6	1.2	1.1	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0108	Residential	Ground	NE	51	46	52	47	51	46	53	48	1.3	1.1	1.7	1.6	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0108	Residential	Ground	NW	52	48	53	48	52	48	53	49	0.7	0.5	1.1	1	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0108	Residential	Ground	SW	51	46	51	47	51	47	52	47	0.6	0.3	1	0.8	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0108	Residential	Ground	NW	51	47	51	47	52	47	52	48	0.1	0	0.6	0.5	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0108	Residential	Ground	NW	51	47	51	46	51	47	52	47	0.1	-0.1	0.5	0.4	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0108	Residential	Ground	NW	51	47	52	47	52	47	52	48	0.1	0	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0108	Residential	Ground	SW	50	46	50	45	50	46	51	46	-0.2	-0.5	0.2	0.1	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0108	Residential	Ground	SE	49	45	50	45	50	45	50	46	0.3	0.1	0.6	0.5	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0108	Residential	Ground	SW	48	44	48	44	48	44	49	44	0.1	-0.2	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0108	Residential	Ground	SE	50	46	51	46	50	46	51	47	0.6	0.3	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0108	Residential	Ground	NE	50	45	51	46	50	46	52	47	1	0.8	1.3	1.3	60	55	NO	NO	NO	NO	NO
NCA01B	NCA01B.RES.0108	Residential	Ground	SE	50	45	50	46	50	45	51	47	0.9	0.7	1.2	1.2	60	55	NO	NO	NO	NO	NO
NCA02	NCA02.OPW.0001	Places of worship	Ground	S	45	40	45	40	45	41	46	41	0.2	0.2	0.7	0.5	50	50	NO	NO	NO	NO	NO
NCA02	NCA02.OPW.0001	Places of worship	Ground	E	54	49	55	50	54	50	56	51	0.8	0.8	1.2	1.1	50	50	YES	NO	NO	NO	YES
NCA02	NCA02.OPW.0001	Places of worship	Ground	N	49	44	49	44	50	45	50	45	-0.1	-0.1	0.2	0.2	50	50	NO	NO	NO	NO	NO
NCA02	NCA02.OPW.0001	Places of worship	First	S	47	43	48	43	48	43	49	44	0.3	0.3	0.6	0.6	50	50	NO	NO	NO	NO	NO
NCA02	NCA02.OPW.0001	Places of worship	First	E	56	51	56	52	56	52	57	52	0.7	0.7	1	0.9	50	50	YES	NO	NO	NO	YES
NCA02	NCA02.OPW.0001	Places of worship	First	N	51	46	51	46	52	47	52	47	-0.1	-0.1	0.3	0.2	50	50	NO	NO	NO	NO	NO
NCA04A	NCA04A.OED.0001	School Classroom	Ground	W	54	49	54	49	54	49	55	50	0.7	0.7	0.7	1	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0001	School Classroom	Ground	S	53	49	54	49	54	49	55	50	1	0.8	1.2	1.1	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0001	School Classroom	Ground	E	55	49	56	50	56	50	56	51	0.6	0.7	0.6	0.9	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0001	School Classroom	Ground	N	58	51	58	52	58	52	59	53	0.5	1.2	0.4	1.2	50	-	NO	NO	NO	NO	NO
NCA04A	NCA04A.OED.0001	School Classroom	First	W	58	53	60	55	59	54	60	56	1.5	1.6	1.6	1.8	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0001	School Classroom	First	S	58	53	59	54	58	53	60	55	1.7	1.5	1.8	1.9	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0001	School Classroom	First	E	59	54	60	55	59	54	61	56	1.2	1.3	1.3	1.6	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0001	School Classroom	First	N	60	54	61	56	61	55	62	57	0.9	1.2	0.8	1.4	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0002	School Classroom	Ground	W	53	48	54	49	54	49	55	50	0.7	0.6	0.9	1	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0002	School Classroom	Ground	S	54	50	55	50	55	50	56	51	1	0.8	1.2	1.2	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0002	School Classroom	Ground	W	53	48	54	49	53	49	54	50	0.8	0.6	0.9	1	50	-	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.OED.0002	School Classroom	Ground	S	49	45	51	46	50	45	51	47	1.2	1.1	1.4	1.4	50	-	NO	NO	NO	NO	NO
NCA04A	NCA04A.OED.0002	School Classroom	Ground	E	52	48	54	49	53	48	54	50	1.2	1.2	1.4	1.5	50	-	NO	NO	NO	NO	NO
NCA04A	NCA04A.OED.0002	School Classroom	Ground	N	52	47	53	48	53	48	54	49	1.1	1.1	1.2	1.2	50	-	NO	NO	NO	NO	NO
NCA04A	NCA04A.OED.0002	School Classroom	First	W	58	53	59	55	58	54	60	56	1.7	1.6	1.9	1.9	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0002	School Classroom	First	S	58	53	59	55	58	54	60	55	1.7	1.6	1.9	1.9	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0002	School Classroom	First	W	58	53	59	55	58	54	60	55	1.7	1.6	1.8	1.9	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0002	School Classroom	First	S	57	53	59	54	58	53	60	55	1.7	1.6	1.8	1.9	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0002	School Classroom	First	E	58	53	60	55	58	54	60	56	1.7	1.5	1.8	1.8	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0002	School Classroom	First	N	58	53	60	55	59	54	60	56	1.7	1.5	1.7	1.8	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0003	School Classroom	Ground	W	53	48	53	49	53	49	54	50	0.7	0.5	0.8	0.9	50	-	NO	NO	NO	NO	NO
NCA04A	NCA04A.OED.0003	School Classroom	Ground	S	57	52	58	53	57	53	59	54	1.2	1	1.3	1.3	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0003	School Classroom	Ground	E	55	51	57	52	56	51	57	53	1.2	1	1.2	1.3	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0003	School Classroom	Ground	N	53	48	54	49	53	48	54	50	1.2	1.1	1.3	1.3	50	-	NO	NO	NO	NO	NO
NCA04A	NCA04A.OED.0003	School Classroom	First	W	58	53	60	55	59	54	60	56	1.6	1.4	1.7	1.7	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0003	School Classroom	First	S	59	54	60	56	60	55	61	57	1.5	1.3	1.6	1.6	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0003	School Classroom	First	E	59	54	60	55	59	54	61	56	1.5	1.4	1.7	1.7	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0003	School Classroom	First	N	58	53	60	55	58	54	60	56	1.7	1.5	1.7	1.8	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0004	School Classroom	Ground	W	54	50	55	50	55	50	56	51	0.6	0.4	0.8	0.9	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0004	School Classroom	Ground	S	58	53	59	54	58	54	59	55	0.9	0.7	1	1	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0004	School Classroom	Ground	E	57	53	58	54	58	53	59	54	1.1	1	1.2	1.2	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0004	School Classroom	Ground	N	58	53	59	54	58	54	60	55	1.1	1	1.1	1.1	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0004	School Classroom	First	W	61	57	63	58	62	57	63	59	1.2	1	1.3	1.3	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0004	School Classroom	First	S	62	57	63	58	62	58	64	59	1.1	0.9	1.2	1.2	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0004	School Classroom	First	E	62	57	63	58	63	58	64	59	1.1	1	1.2	1.3	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0004	School Classroom	First	N	62	57	63	58	62	58	64	59	1.1	1	1.2	1.2	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0005	School Classroom	Ground	W	54	49	54	49	54	49	55	50	0.4	0.2	0.7	0.7	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0005	School Classroom	Ground	S	59	54	59	55	59	55	60	55	0.8	0.7	0.9	0.9	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0005	School Classroom	Ground	E	60	55	61	57	61	56	62	57	1.1	1.1	1.3	1.3	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0005	School Classroom	Ground	N	57	53	58	53	58	53	59	54	0.9	0.7	1	1	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0005	School Classroom	First	W	62	57	63	58	62	58	64	59	1	0.9	1.2	1.2	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0005	School Classroom	First	S	62	58	63	59	63	58	64	59	1.1	1	1.2	1.2	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0005	School Classroom	First	E	62	58	64	59	63	58	64	60	1.1	0.9	1.2	1.2	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0005	School Classroom	First	N	62	57	63	58	63	58	64	59	1.1	1	1.2	1.3	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0006	School Classroom	Ground	W	56	51	56	51	56	52	57	52	0.3	0.1	0.5	0.5	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0006	School Classroom	Ground	S	55	50	56	51	56	51	56	52	0.7	0.6	0.8	0.9	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0006	School Classroom	Ground	E	60	55	60	56	60	55	61	57	0.9	0.9	1.1	1.1	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0006	School Classroom	Ground	N	53	49	54	49	54	49	55	50	0.6	0.4	0.7	0.7	50	-	YES	NO	NO	NO	YES

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.OED.0006	School Classroom	First	W	63	58	64	59	63	59	64	60	0.9	0.8	1.1	1.1	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0006	School Classroom	First	S	63	59	64	59	64	59	65	60	0.7	0.5	0.9	0.9	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0006	School Classroom	First	E	63	58	64	59	63	59	65	60	0.9	0.8	1.1	1.1	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0006	School Classroom	First	N	63	58	63	59	63	58	64	60	0.9	0.8	1.1	1.1	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0007	School Classroom	Ground	W	57	52	57	52	57	53	58	53	0.2	0	0.5	0.5	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0007	School Classroom	Ground	S	63	58	63	58	63	59	64	59	0.6	0.2	0.7	0.7	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0007	School Classroom	Ground	E	62	58	63	58	63	58	64	59	0.3	0.1	0.6	0.5	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0007	School Classroom	Ground	N	57	52	58	54	58	53	59	54	1.2	1.1	1.2	1.3	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0007	School Classroom	First	W	64	59	64	59	64	60	65	60	0.7	0.5	0.8	0.8	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0007	School Classroom	First	S	65	60	65	60	65	61	66	61	0.5	0.2	0.6	0.6	50	-	YES	NO	YES	YES	YES
NCA04A	NCA04A.OED.0007	School Classroom	First	E	66	61	66	61	66	62	67	62	0.2	0	0.4	0.4	50	-	YES	NO	YES	YES	YES
NCA04A	NCA04A.OED.0007	School Classroom	First	N	64	59	65	60	65	60	65	61	0.7	0.5	0.8	0.8	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0008	School Classroom	Ground	W	57	52	57	52	58	53	58	53	-0.1	-0.3	0.2	0.1	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0008	School Classroom	Ground	N	53	48	54	49	54	49	54	50	0.3	0.2	0.5	0.6	50	-	NO	NO	NO	NO	NO
NCA04A	NCA04A.OED.0008	School Classroom	Ground	W	61	57	61	56	62	57	62	57	-0.1	-0.3	0.2	0.1	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0008	School Classroom	Ground	S	62	57	62	57	63	58	63	58	0	-0.4	0.2	0.1	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0008	School Classroom	Ground	E	59	55	60	55	60	55	61	56	0.6	0.4	0.8	0.7	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0008	School Classroom	Ground	N	59	54	60	55	60	55	61	56	1	0.9	1.1	1.1	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0008	School Classroom	Ground	E	60	55	61	56	60	56	61	57	0.9	0.9	1	1	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0008	School Classroom	Ground	N	56	52	57	53	57	52	58	54	1.1	1.1	1.2	1.3	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0008	School Classroom	First	W	65	60	65	60	65	61	66	61	0.4	0.2	0.6	0.6	50	-	YES	NO	NO	YES	YES
NCA04A	NCA04A.OED.0008	School Classroom	First	N	65	60	65	60	65	61	66	61	0.3	0.2	0.6	0.5	50	-	YES	NO	YES	YES	YES
NCA04A	NCA04A.OED.0008	School Classroom	First	W	65	60	66	61	66	61	66	62	0.4	0.2	0.5	0.5	50	-	YES	NO	YES	YES	YES
NCA04A	NCA04A.OED.0008	School Classroom	First	S	66	61	66	61	66	62	67	62	0.3	0.1	0.5	0.4	50	-	YES	NO	YES	YES	YES
NCA04A	NCA04A.OED.0008	School Classroom	First	E	65	61	66	61	66	61	66	62	0.3	0.2	0.6	0.5	50	-	YES	NO	YES	YES	YES
NCA04A	NCA04A.OED.0008	School Classroom	First	N	65	60	65	61	66	61	66	62	0.5	0.2	0.6	0.6	50	-	YES	NO	NO	YES	YES
NCA04A	NCA04A.OED.0008	School Classroom	First	E	65	60	65	60	65	61	66	61	0.5	0.2	0.6	0.5	50	-	YES	NO	NO	YES	YES
NCA04A	NCA04A.OED.0008	School Classroom	First	N	64	60	65	60	65	60	66	61	0.6	0.5	0.8	0.8	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0009	School Classroom	Ground	W	58	54	59	54	59	54	59	55	0.1	-0.3	0.3	0.2	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0009	School Classroom	Ground	S	64	59	64	59	64	60	65	60	0.5	0.2	0.7	0.6	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0009	School Classroom	Ground	E	63	59	64	59	64	59	65	60	0.7	0.4	0.8	0.8	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0009	School Classroom	Ground	N	60	55	61	56	61	56	62	57	1.1	1	1.2	1.2	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0009	School Classroom	First	W	65	60	66	61	66	61	66	62	0.5	0.2	0.6	0.5	50	-	YES	NO	NO	YES	YES
NCA04A	NCA04A.OED.0009	School Classroom	First	S	65	61	66	61	66	61	66	62	0.3	0.1	0.5	0.4	50	-	YES	NO	YES	YES	YES
NCA04A	NCA04A.OED.0009	School Classroom	First	E	65	61	66	61	66	61	66	62	0.3	0.1	0.4	0.4	50	-	YES	NO	YES	YES	YES
NCA04A	NCA04A.OED.0009	School Classroom	First	N	65	60	65	61	66	61	66	62	0.4	0.2	0.5	0.5	50	-	YES	NO	NO	YES	YES
NCA04A	NCA04A.OED.0010	School Classroom	Ground	W	63	58	63	58	63	59	63	59	-0.1	-0.3	0.2	0.1	50	-	YES	NO	NO	NO	YES

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.OED.0010	School Classroom	Ground	S	64	60	65	60	65	60	65	61	0.4	0.1	0.5	0.5	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0010	School Classroom	Ground	E	63	58	64	59	63	59	64	60	0.8	0.6	0.9	0.8	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0010	School Classroom	Ground	N	58	53	58	54	58	53	59	55	0.9	0.9	1.1	1.1	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0010	School Classroom	First	W	66	61	66	61	66	62	67	62	0.2	0	0.4	0.4	50	-	YES	NO	YES	YES	YES
NCA04A	NCA04A.OED.0010	School Classroom	First	S	66	61	66	61	66	62	67	62	0.1	0	0.4	0.3	50	-	YES	NO	YES	YES	YES
NCA04A	NCA04A.OED.0010	School Classroom	First	E	66	61	66	61	66	62	67	62	0.2	0	0.4	0.3	50	-	YES	NO	YES	YES	YES
NCA04A	NCA04A.OED.0010	School Classroom	First	N	66	61	66	61	66	61	67	62	0.3	0.1	0.5	0.5	50	-	YES	NO	YES	YES	YES
NCA04A	NCA04A.OED.0011	School Classroom	Ground	W	54	48	54	49	54	49	55	50	0.7	0.7	0.9	1	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0011	School Classroom	Ground	S	56	51	57	52	56	52	57	53	1.1	0.9	1.2	1.2	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0011	School Classroom	Ground	E	57	52	58	53	58	52	59	54	1.2	1.3	1.1	1.5	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0011	School Classroom	Ground	N	58	51	58	52	58	52	59	53	0.6	1.1	0.6	1.2	50	-	NO	NO	NO	NO	NO
NCA04A	NCA04A.OED.0011	School Classroom	First	W	59	54	60	55	59	55	61	56	1.5	1.5	1.5	1.6	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0011	School Classroom	First	S	59	54	60	55	59	55	61	56	1.5	1.4	1.6	1.7	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0011	School Classroom	First	E	60	55	61	56	61	55	62	57	1.3	1.4	1.3	1.5	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0011	School Classroom	First	N	61	55	62	56	61	56	62	57	0.9	1.2	0.9	1.3	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0012	School Classroom	Ground	W	52	47	53	48	53	48	54	49	0.5	0.6	0.6	0.9	50	-	NO	NO	NO	NO	NO
NCA04A	NCA04A.OED.0012	School Classroom	Ground	S	55	50	56	51	56	51	57	52	1.1	1	1.2	1.3	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0012	School Classroom	Ground	E	55	49	55	50	56	50	56	51	0.4	0.5	0.3	0.8	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0012	School Classroom	Ground	N	58	51	59	53	59	52	60	53	0.7	1.3	0.7	1.3	50	-	NO	NO	NO	NO	NO
NCA04A	NCA04A.OED.0012	School Classroom	First	W	59	54	60	55	59	54	61	56	1.5	1.5	1.6	1.8	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0012	School Classroom	First	S	58	54	60	55	59	54	61	56	1.6	1.5	1.6	1.7	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0012	School Classroom	First	E	60	55	61	56	60	55	62	57	1.2	1.3	1.3	1.6	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0012	School Classroom	First	N	61	55	62	56	62	56	62	57	0.8	1.2	0.7	1.3	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0013	School Classroom	Ground	W	54	48	54	49	54	49	55	50	0.5	0.5	0.6	0.9	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0013	School Classroom	Ground	S	55	51	57	52	56	51	57	53	1.4	1.2	1.4	1.5	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0013	School Classroom	Ground	E	55	51	57	52	56	51	57	53	1.3	1.3	1.5	1.5	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0013	School Classroom	Ground	N	58	51	59	52	59	52	59	53	0.5	1.2	0.4	1.2	50	-	NO	NO	NO	NO	NO
NCA04A	NCA04A.OED.0013	School Classroom	First	W	59	54	60	55	59	54	61	56	1.4	1.4	1.5	1.6	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0013	School Classroom	First	S	58	53	59	55	58	54	60	56	1.6	1.5	1.7	1.8	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0013	School Classroom	First	E	59	54	60	55	59	54	61	56	1.5	1.4	1.6	1.7	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0013	School Classroom	First	N	61	55	62	56	62	56	62	57	0.8	1.1	0.8	1.3	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OPW.0014	Places of worship	Ground	W	52	47	53	48	53	48	54	49	0.7	0.6	0.8	1	50	-	NO	NO	NO	NO	NO
NCA04A	NCA04A.OPW.0014	Places of worship	Ground	S	54	49	55	50	54	50	56	51	1.2	1.1	1.3	1.3	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OPW.0014	Places of worship	Ground	E	54	49	55	50	54	49	55	51	0.9	0.8	0.9	1.1	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OPW.0014	Places of worship	Ground	N	55	49	55	50	56	50	56	51	0.3	0.5	0.3	0.7	50	-	NO	NO	NO	NO	NO
NCA04A	NCA04A.OPW.0014	Places of worship	First	W	58	53	60	55	59	54	60	56	1.5	1.5	1.6	1.7	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OPW.0014	Places of worship	First	S	58	53	59	55	58	54	60	55	1.7	1.6	1.7	1.9	50	-	YES	NO	NO	NO	YES

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.OPW.0014	Places of worship	First	E	58	53	60	55	59	54	60	56	1.6	1.5	1.6	1.8	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OPW.0014	Places of worship	First	N	59	54	61	55	60	55	61	56	1.2	1.3	1.3	1.5	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0015	School Classroom	Ground	E	55	50	56	51	55	51	57	52	1.7	1.5	1.8	1.8	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0015	School Classroom	Ground	N	53	48	54	49	53	49	55	50	1.2	1.1	1.4	1.3	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0015	School Classroom	First	E	58	53	59	54	58	53	60	55	1.7	1.5	1.8	1.9	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0015	School Classroom	First	N	58	53	59	55	58	54	60	56	1.7	1.6	1.8	1.9	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0016	School Classroom	Ground	W	52	48	53	48	53	48	54	49	0.7	0.5	1	1.1	50	-	NO	NO	NO	NO	NO
NCA04A	NCA04A.OED.0016	School Classroom	Ground	S	50	45	51	46	51	46	52	47	1.1	1	1.2	1.2	50	-	NO	NO	NO	NO	NO
NCA04A	NCA04A.OED.0016	School Classroom	Ground	E	54	49	55	50	54	50	56	51	1.5	1.4	1.6	1.7	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0016	School Classroom	Ground	N	51	46	52	47	51	47	52	48	0.8	0.6	1	1	50	-	NO	NO	NO	NO	NO
NCA04A	NCA04A.OED.0016	School Classroom	First	W	57	53	59	54	58	53	60	55	1.8	1.7	1.8	2	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0016	School Classroom	First	S	55	50	56	51	55	51	57	52	1.3	1.2	1.4	1.4	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0016	School Classroom	First	E	57	53	59	54	58	53	60	55	1.7	1.6	1.7	1.8	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0016	School Classroom	First	N	58	53	60	55	58	54	60	56	1.7	1.6	1.8	1.9	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0017	School Classroom	Ground	W	53	48	54	49	54	49	55	50	0.9	0.7	1.2	1.2	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0017	School Classroom	Ground	S	56	52	57	53	57	52	58	54	1	0.9	1.2	1.3	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0017	School Classroom	Ground	E	54	49	55	50	54	49	55	51	1	0.8	1.1	1.1	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0017	School Classroom	Ground	N	49	45	51	46	50	45	52	47	1.4	1.4	1.6	1.6	50	-	NO	NO	NO	NO	NO
NCA04A	NCA04A.OED.0017	School Classroom	First	W	55	51	56	52	56	51	57	53	1.2	1	1.4	1.5	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0017	School Classroom	First	S	58	54	60	55	59	54	60	56	1.4	1.2	1.6	1.6	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0017	School Classroom	First	E	58	53	59	54	58	54	60	55	1.6	1.5	1.6	1.7	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0017	School Classroom	First	N	54	49	55	50	54	50	56	51	1.5	1.3	1.5	1.5	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0018	School Classroom	Ground	W	54	49	55	50	55	50	55	51	0.5	0.4	0.7	0.8	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0018	School Classroom	Ground	S	60	55	61	56	60	56	61	57	0.8	0.7	1	1	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0018	School Classroom	Ground	E	61	56	62	57	62	57	63	58	1.1	1	1.2	1.2	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0018	School Classroom	Ground	N	58	53	59	54	59	54	60	55	1.1	1	1.2	1.2	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0018	School Classroom	First	W	62	57	63	58	63	58	64	59	1.1	0.9	1.2	1.2	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0018	School Classroom	First	S	63	58	64	59	63	59	64	60	1	0.8	1.1	1	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0018	School Classroom	First	E	63	58	64	59	64	59	65	60	1	0.8	1.1	1.1	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.OED.0018	School Classroom	First	N	63	58	64	59	63	58	64	60	1	0.9	1.2	1.2	50	-	YES	NO	NO	NO	YES
NCA04A	NCA04A.RES.0001	Residential	Ground	NW	63	58	62	57	63	59	63	58	-0.7	-0.8	-0.4	-0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0001	Residential	Ground	SW	70	65	69	64	70	66	70	65	-0.8	-0.8	-0.5	-0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0001	Residential	Ground	SE	70	66	70	65	71	66	71	66	-0.5	-0.5	-0.2	-0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0001	Residential	Ground	NE	66	62	66	62	67	62	67	62	0	0	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0001	Residential	Ground	NE	65	60	65	61	66	61	66	62	0.4	0.4	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0001	Residential	Ground	NE	66	61	66	61	66	62	67	62	0.5	0.4	0.7	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0002	Residential	Ground	W	64	59	64	59	64	60	65	60	0.4	0.3	0.5	0.4	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0002	Residential	Ground	S	66	61	66	61	66	62	67	62	0.1	0	0.3	0.2	60	55	NO	YES	NO	NO	YES
NCA04A	NCA04A.RES.0002	Residential	Ground	E	67	62	67	63	68	63	68	63	0.2	0.1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0002	Residential	Ground	N	70	65	70	65	70	65	71	66	0.5	0.4	0.5	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0003	Residential	Ground	N	68	63	68	63	68	64	69	64	0.3	0.2	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0003	Residential	Ground	W	66	61	66	61	67	62	67	62	-0.1	0	-0.1	-0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0003	Residential	Ground	S	64	59	64	59	64	60	65	60	0.2	0.2	0.4	0.4	60	55	NO	YES	NO	NO	YES
NCA04A	NCA04A.RES.0003	Residential	Ground	E	64	59	64	59	64	60	65	60	0.5	0.3	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0004	Residential	Ground	NE	60	56	61	57	61	56	62	58	1	1	1.2	1.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0004	Residential	Ground	NW	60	55	60	55	61	55	61	56	0.1	0.1	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0004	Residential	Ground	NE	58	53	58	53	59	54	59	54	0.1	0.1	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0004	Residential	Ground	NW	64	59	65	60	64	59	65	60	0.5	0.5	0.9	1	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0004	Residential	Ground	SW	67	62	67	62	67	62	68	63	0.3	0.3	0.7	0.8	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0004	Residential	Ground	SE	64	59	65	60	65	60	66	61	0.7	0.7	1	1.2	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0005	Residential	Ground	N	58	53	58	53	58	53	59	54	0.2	0.2	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0005	Residential	Ground	W	57	52	58	53	58	53	58	53	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0005	Residential	Ground	N	58	53	58	53	58	53	59	54	0.1	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0005	Residential	Ground	W	59	54	60	55	59	54	60	55	0.6	0.5	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0005	Residential	Ground	N	58	53	58	53	59	53	59	54	0.2	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0005	Residential	Ground	W	65	60	66	61	66	61	67	62	0.9	0.9	1.3	1.5	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0005	Residential	Ground	S	67	62	68	63	67	62	68	63	0.9	0.9	1.3	1.5	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0005	Residential	Ground	S	67	62	67	62	67	62	68	63	0.8	0.8	1.2	1.4	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0005	Residential	Ground	S	67	62	68	63	67	62	68	63	0.8	0.8	1.2	1.3	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0005	Residential	Ground	S	64	60	65	60	65	60	66	61	0.9	0.8	1.2	1.3	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0005	Residential	Ground	S	65	60	66	61	66	60	67	62	1.1	1	1.5	1.6	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0005	Residential	Ground	E	60	55	60	56	61	55	61	56	0.3	0.3	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0006	Residential	Ground	W	65	60	66	61	65	60	67	62	0.9	0.9	1.3	1.4	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0006	Residential	Ground	S	66	61	67	62	67	62	68	63	0.9	0.9	1.3	1.5	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0006	Residential	Ground	W	66	61	67	62	67	61	68	63	0.9	0.8	1.3	1.4	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0006	Residential	Ground	S	67	62	67	62	67	62	68	63	0.9	0.9	1.3	1.5	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0006	Residential	Ground	E	62	57	63	58	62	57	64	59	1.3	1.2	1.6	1.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0006	Residential	Ground	E	58	53	58	53	58	53	59	54	0.2	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0006	Residential	Ground	E	59	54	60	55	60	55	60	55	0.3	0.3	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0006	Residential	Ground	N	59	54	59	54	60	54	60	55	0	0	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0007	Residential	Ground	W	64	59	65	60	64	59	66	61	0.7	0.8	1.2	1.4	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0007	Residential	Ground	S	64	60	65	60	65	60	66	61	0.8	0.8	1.2	1.4	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0007	Residential	Ground	W	64	60	65	60	65	60	66	61	0.8	0.8	1.3	1.4	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0007	Residential	Ground	S	64	59	65	60	65	60	65	61	0.3	0.3	0.7	1	60	55	YES	YES	YES	YES	YES

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0007	Residential	Ground	S	64	59	64	59	64	59	65	60	0.1	0.3	0.6	0.9	60	55	YES	YES	NO	YES	YES
NCA04A	NCA04A.RES.0007	Residential	Ground	S	63	58	63	58	63	58	64	59	0.1	0.2	0.5	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0007	Residential	Ground	E	61	56	61	56	61	56	62	57	0.6	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0007	Residential	Ground	S	60	55	61	56	61	56	62	57	0.6	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0007	Residential	Ground	E	60	55	61	56	61	56	62	57	0.7	0.7	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0007	Residential	Ground	N	57	52	57	52	58	52	58	53	0.1	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0008	Residential	Ground	W	62	57	63	58	62	57	63	59	0.6	0.7	1.1	1.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0008	Residential	Ground	S	62	57	63	58	63	58	63	59	0.2	0.4	0.8	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0008	Residential	Ground	S	62	57	62	58	62	57	63	58	0.3	0.4	0.7	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0008	Residential	Ground	W	62	57	62	57	62	57	63	58	0.1	0.2	0.6	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0008	Residential	Ground	W	62	57	62	57	62	57	62	58	0.1	0.1	0.5	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0008	Residential	Ground	S	60	55	60	55	61	56	61	56	0	0	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0008	Residential	Ground	S	59	54	59	54	59	54	60	55	0.2	0.2	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0008	Residential	Ground	E	59	54	60	55	60	54	60	56	0.6	0.7	0.9	1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0008	Residential	Ground	N	57	51	57	52	57	52	57	52	0.1	0.2	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0009	Residential	Ground	W	60	56	61	56	61	56	62	57	0.7	0.8	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0009	Residential	Ground	S	57	52	57	52	57	52	58	53	0.2	0.3	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0009	Residential	Ground	E	58	53	58	53	58	53	59	54	0.4	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0009	Residential	Ground	S	59	54	59	55	59	54	60	55	0.5	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0009	Residential	Ground	E	59	54	59	54	59	54	60	55	0.8	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0009	Residential	Ground	N	55	50	55	50	55	50	56	51	0.3	0.3	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0010	Residential	Ground	W	60	55	61	56	60	55	61	56	0.6	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0010	Residential	Ground	NE	58	53	58	53	58	53	59	54	0.1	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0010	Residential	Ground	W	62	57	62	57	62	57	63	58	0.2	0.3	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0010	Residential	Ground	S	63	58	64	59	63	58	64	60	0.9	1	1.2	1.5	60	55	NO	YES	NO	YES	YES
NCA04A	NCA04A.RES.0010	Residential	Ground	E	64	59	65	60	64	59	66	61	0.9	1	1.2	1.5	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0010	Residential	Ground	SE	62	56	62	58	62	57	63	58	0.9	1.1	1.2	1.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0010	Residential	Ground	SE	62	57	63	58	63	58	64	59	0.9	1	1.2	1.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0010	Residential	Ground	N	59	54	61	56	60	55	61	57	1.3	1.2	1.5	1.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0010	Residential	Ground	E	62	57	63	58	62	57	63	59	0.9	1	1.2	1.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0010	Residential	Ground	N	58	53	59	54	58	53	59	55	0.7	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0011	Residential	Ground	W	61	56	61	56	61	56	62	57	0.3	0.3	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0011	Residential	Ground	S	61	56	62	57	61	56	62	58	1	1	1.3	1.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0011	Residential	Ground	E	63	58	64	59	63	58	64	60	1	1.1	1.3	1.7	60	55	NO	YES	NO	YES	YES
NCA04A	NCA04A.RES.0011	Residential	Ground	E	60	55	61	56	60	55	62	57	1.3	1.4	1.6	1.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0011	Residential	Ground	E	62	57	63	58	62	57	64	59	1.1	1.1	1.2	1.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0011	Residential	Ground	N	57	52	58	53	57	52	58	54	0.7	0.7	0.9	1.1	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0012	Residential	Ground	W	60	55	60	55	60	55	61	56	0.5	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0012	Residential	Ground	S	56	51	56	51	56	51	57	52	0.6	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0012	Residential	Ground	E	58	53	59	54	58	53	59	55	1.1	1.1	1.4	1.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0012	Residential	Ground	N	55	50	55	50	55	50	56	51	0.5	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0013	Residential	Ground	W	61	56	62	57	62	56	62	57	0.4	0.6	0.8	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0013	Residential	Ground	S	62	56	62	57	62	57	63	58	0.4	0.5	0.7	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0013	Residential	Ground	W	62	57	62	57	62	57	63	58	0.5	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0013	Residential	Ground	S	63	58	64	59	63	58	65	60	1	1.1	1.3	1.6	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0013	Residential	Ground	E	62	57	63	58	62	57	63	59	1.1	1.1	1.3	1.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0013	Residential	Ground	S	62	57	63	58	63	58	64	59	0.9	1	1.1	1.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0013	Residential	Ground	E	61	56	62	57	61	56	62	57	0.7	0.8	1	1.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0013	Residential	Ground	N	55	50	56	51	55	50	56	52	0.8	0.8	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0014	Residential	Ground	N	55	50	56	51	55	50	56	51	0.6	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0014	Residential	Ground	N	53	48	54	49	54	49	54	49	0.3	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0014	Residential	Ground	N	55	50	55	50	55	50	56	51	0.1	0.2	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0014	Residential	Ground	W	55	50	55	50	56	51	56	51	0.2	0.2	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0014	Residential	Ground	N	54	49	54	49	55	49	55	50	0.2	0.3	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0014	Residential	Ground	W	59	54	60	55	60	55	61	56	0.6	0.6	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0014	Residential	Ground	S	58	53	59	54	58	54	59	55	0.6	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0014	Residential	Ground	E	58	53	59	54	58	53	60	55	1.2	1.2	1.5	1.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0015	Residential	Ground	E	55	50	56	51	56	51	57	52	0.5	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0015	Residential	Ground	N	55	50	55	50	55	50	56	51	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0015	Residential	Ground	W	59	55	60	55	60	55	61	56	0.6	0.7	1	1.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0015	Residential	Ground	S	55	50	55	50	55	50	56	51	0.3	0.3	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0015	Residential	Ground	E	58	53	59	54	58	53	59	55	0.8	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0015	Residential	Ground	E	55	50	55	50	55	50	56	51	0.4	0.4	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0016	Residential	Ground	N	52	46	52	47	52	47	53	47	0.2	0.3	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0016	Residential	Ground	E	49	44	49	44	49	44	50	45	0.6	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0016	Residential	Ground	N	56	50	56	50	56	51	56	51	0	0.1	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0016	Residential	Ground	W	58	53	58	53	58	53	59	53	0	0	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0016	Residential	Ground	S	57	52	57	52	57	52	58	53	0.3	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0016	Residential	Ground	W	56	51	56	51	57	52	57	52	0.1	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0016	Residential	Ground	S	57	52	57	52	57	52	58	53	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0016	Residential	Ground	E	54	50	55	50	55	50	56	51	0.4	0.4	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0017	Residential	Ground	NW	63	58	63	58	64	58	64	59	0.1	0.2	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0017	Residential	Ground	SW	66	60	66	60	66	61	67	61	0	0.1	0.2	0.3	60	55	YES	YES	NO	NO	YES
NCA04A	NCA04A.RES.0017	Residential	Ground	SE	61	55	61	56	61	56	62	56	0.1	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0017	Residential	Ground	NE	58	52	58	52	58	53	58	53	0	0.2	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0018	Residential	Ground	W	59	54	59	54	60	54	60	55	0	0.1	0.3	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0018	Residential	Ground	S	63	57	63	58	63	58	63	58	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0018	Residential	Ground	E	59	54	59	54	60	54	60	55	0.1	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0018	Residential	Ground	N	58	52	58	52	58	53	58	53	0	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0019	Residential	Ground	NW	61	56	61	56	61	56	62	56	0.1	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0019	Residential	Ground	SW	64	58	64	59	64	59	65	59	0.1	0.2	0.4	0.5	60	55	YES	NO	NO	NO	YES
NCA04A	NCA04A.RES.0019	Residential	Ground	SE	60	55	60	55	60	55	61	56	0.1	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0019	Residential	Ground	NE	58	52	58	52	58	52	58	53	0	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0020	Residential	Ground	SW	63	58	63	58	64	58	64	59	0.1	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0020	Residential	Ground	SE	60	55	60	55	60	55	60	56	0.1	0.1	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0020	Residential	Ground	NE	57	52	57	52	58	52	58	53	0	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0020	Residential	Ground	NW	60	55	60	55	61	55	61	56	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0021	Residential	Ground	W	61	56	61	56	61	56	62	57	0	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0021	Residential	Ground	S	59	54	59	54	60	54	60	55	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0021	Residential	Ground	E	58	53	59	54	59	54	59	54	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0021	Residential	Ground	E	55	50	55	50	55	50	56	51	0.4	0.5	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0021	Residential	Ground	N	55	50	55	50	55	50	56	51	0.4	0.5	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0021	Residential	Ground	N	57	52	58	52	58	52	58	53	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0022	Residential	Ground	W	62	57	62	57	63	57	63	58	0	0.1	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0022	Residential	Ground	S	60	54	60	55	60	55	61	55	0.1	0.3	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0022	Residential	Ground	E	59	53	59	54	59	54	59	55	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0022	Residential	Ground	N	57	51	57	51	57	52	57	52	0.1	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0023	Residential	Ground	N	56	51	56	51	57	51	57	52	0.1	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0023	Residential	Ground	W	57	52	58	53	58	53	58	53	0.1	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0023	Residential	Ground	S	60	55	60	55	60	55	60	55	0.1	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0023	Residential	Ground	E	57	52	57	52	57	52	58	53	0.1	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0024	Residential	Ground	N	56	51	56	51	57	51	57	52	0.1	0.1	0.2	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0024	Residential	Ground	W	59	54	59	54	60	54	60	55	0	0.1	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0024	Residential	Ground	S	60	54	60	54	60	55	60	55	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0024	Residential	Ground	E	57	52	57	52	57	52	58	53	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0025	Residential	Ground	NE	55	50	55	50	56	50	56	51	0.1	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0025	Residential	Ground	NW	58	53	58	53	59	53	59	54	0.1	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0025	Residential	Ground	SW	61	56	61	56	61	56	62	56	0.1	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0025	Residential	Ground	SE	60	54	60	55	60	55	60	55	0	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0025	Residential	Ground	SW	60	55	60	55	60	55	61	56	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0025	Residential	Ground	SE	59	54	59	54	59	54	60	55	0.1	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0026	Residential	Ground	NE	55	50	55	50	55	50	56	51	0.2	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0026	Residential	Ground	NW	59	53	59	53	59	54	59	54	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0026	Residential	Ground	SW	62	56	62	56	62	57	62	57	0	0.1	0.2	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0026	Residential	Ground	SW	60	55	60	55	61	55	61	56	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0026	Residential	Ground	SE	60	55	60	55	61	55	61	56	0.1	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0026	Residential	Ground	SE	58	52	58	53	58	53	58	53	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0027	Residential	Ground	NW	62	57	62	57	62	57	62	57	0	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0027	Residential	Ground	SW	62	57	62	57	62	57	63	58	0	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0027	Residential	Ground	NW	62	57	62	57	62	57	62	57	0	0.1	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0027	Residential	Ground	SW	62	57	62	57	62	57	63	58	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0027	Residential	Ground	SE	58	53	58	53	58	53	59	54	0.2	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0027	Residential	Ground	NE	56	51	56	51	56	51	57	52	0.2	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0028	Residential	Ground	W	59	54	59	54	59	54	60	55	0	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0028	Residential	Ground	S	57	52	58	53	58	53	58	53	0.2	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0028	Residential	Ground	E	58	53	58	53	58	53	59	54	0.3	0.4	0.7	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0028	Residential	Ground	N	56	51	56	51	56	51	57	52	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0029	Residential	Ground	W	59	54	60	54	60	55	60	55	0.2	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0029	Residential	Ground	S	58	53	59	54	59	54	59	54	0.3	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0029	Residential	Ground	E	58	53	59	54	59	53	59	54	0.4	0.4	0.7	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0029	Residential	Ground	N	56	51	56	51	56	51	57	52	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0030	Residential	Ground	W	61	56	61	56	61	56	62	57	0	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0030	Residential	Ground	S	62	57	62	57	62	57	63	58	0.3	0.3	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0030	Residential	Ground	E	60	55	60	55	60	55	61	56	0.3	0.3	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0030	Residential	Ground	N	56	50	56	51	56	51	57	51	0.2	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0031	Residential	Ground	SW	59	54	59	54	60	54	60	55	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0031	Residential	Ground	SE	61	55	61	56	61	56	62	57	0.2	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0031	Residential	Ground	SE	61	56	61	56	61	56	62	57	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0031	Residential	Ground	SE	61	56	62	57	62	57	62	57	0.2	0.3	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0031	Residential	Ground	NE	59	54	59	54	59	54	60	55	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0031	Residential	Ground	SE	59	54	59	54	59	54	60	55	0.3	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0031	Residential	Ground	NE	59	54	59	54	59	54	60	55	0.3	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0031	Residential	Ground	NE	58	53	59	53	59	53	59	54	0.3	0.4	0.6	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0031	Residential	Ground	NE	58	53	59	54	59	54	59	54	0.3	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0031	Residential	Ground	NW	61	55	61	56	61	56	61	56	0.1	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0032	Residential	Ground	W	61	56	61	56	61	57	62	57	-0.1	-0.1	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0032	Residential	Ground	S	60	55	60	56	61	56	61	56	0	0.1	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0032	Residential	Ground	E	59	54	59	54	59	54	60	55	0.4	0.4	0.7	1	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04A	NCA04A.RES.0032	Residential	Ground	N	56	51	57	52	57	52	57	52	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0033	Residential	Ground	W	58	53	58	53	58	53	59	54	0.1	0.2	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0033	Residential	Ground	S	58	53	58	53	58	53	59	54	0.2	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0033	Residential	Ground	E	58	53	59	55	58	53	60	55	1.4	1.3	1.7	1.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0033	Residential	Ground	N	53	48	54	49	54	49	55	50	0.6	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0033	Residential	Ground	E	56	51	57	52	56	51	57	53	0.8	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0033	Residential	Ground	N	53	48	53	48	53	48	54	49	0.4	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0034	Residential	Ground	W	59	54	59	54	59	54	60	55	0.1	0.2	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0034	Residential	Ground	S	59	54	59	54	60	55	60	55	0.2	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0034	Residential	Ground	E	59	54	60	55	60	55	61	56	1.2	1.1	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0034	Residential	Ground	N	53	48	54	48	54	48	54	49	0.3	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0035	Residential	Ground	W	61	56	61	56	61	56	62	57	0.1	0.2	0.5	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0035	Residential	Ground	S	61	56	61	56	61	56	62	57	0.2	0.2	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0035	Residential	Ground	E	62	57	63	58	62	57	63	58	1.1	1	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0035	Residential	Ground	N	57	52	58	53	58	53	58	53	0.4	0.4	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0035	Residential	Ground	E	60	55	60	55	60	55	61	56	0.7	0.7	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0035	Residential	Ground	N	57	51	57	52	57	52	57	53	0.1	0.3	0.4	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0036	Residential	Ground	NE	58	53	58	53	58	53	59	54	0.1	0.2	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0036	Residential	Ground	NW	63	59	63	58	64	59	64	59	-0.2	-0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0036	Residential	Ground	SW	67	62	67	62	67	62	68	63	0.3	0.3	0.7	0.8	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0036	Residential	Ground	SE	64	59	64	59	64	59	65	60	0.2	0.4	0.7	1.1	60	55	YES	YES	NO	YES	YES
NCA04A	NCA04A.RES.0037	Residential	Ground	N	56	51	56	51	56	51	57	52	0.3	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0037	Residential	Ground	W	56	51	56	51	57	51	57	52	0.1	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0037	Residential	Ground	N	56	51	57	51	57	52	57	52	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0037	Residential	Ground	W	60	55	60	56	61	56	61	56	0	0.1	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0037	Residential	Ground	S	57	52	57	52	57	52	58	53	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0037	Residential	Ground	E	58	53	58	53	58	53	59	54	0.4	0.4	0.7	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0038	Residential	Ground	W	59	54	59	55	60	55	60	55	0.1	0.2	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0038	Residential	Ground	S	57	52	58	52	58	52	58	53	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0038	Residential	Ground	E	57	52	58	53	58	53	58	54	0.4	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0038	Residential	Ground	N	56	50	56	51	56	51	56	51	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0038	Residential	Ground	W	56	51	57	51	57	51	57	52	0.1	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0038	Residential	Ground	N	56	51	56	51	56	51	57	52	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0039	Residential	Ground	W	57	52	58	53	58	53	58	53	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0039	Residential	Ground	S	57	52	57	52	58	53	58	53	0	0	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0039	Residential	Ground	S	57	52	56	52	57	52	57	52	-0.1	-0.1	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0039	Residential	Ground	S	55	50	56	51	56	51	57	52	0.7	0.7	0.9	1.1	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0039	Residential	Ground	E	58	53	59	55	59	54	60	55	1.2	1.2	1.6	1.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0039	Residential	Ground	E	58	53	59	55	59	54	60	55	1.2	1.2	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0039	Residential	Ground	E	58	53	59	54	59	54	60	55	1.2	1.1	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0039	Residential	Ground	N	55	50	55	50	56	50	56	51	0.3	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0046	Residential	Ground	W	55	51	56	51	56	51	57	52	0.3	0.3	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0046	Residential	Ground	N	54	49	54	49	54	49	55	50	0.3	0.3	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0046	Residential	Ground	W	58	53	59	54	59	54	60	55	0.6	0.7	1	1.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0046	Residential	Ground	S	57	53	58	53	58	53	59	54	0.7	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0046	Residential	Ground	E	57	52	59	54	58	53	59	55	1.4	1.4	1.7	1.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0046	Residential	Ground	N	54	49	55	50	55	50	56	51	1	1.1	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0070	Residential	Ground	W	54	50	55	50	55	50	56	51	0.8	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0070	Residential	Ground	S	58	53	59	54	58	54	59	55	0.9	0.8	1.1	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0070	Residential	Ground	E	57	53	58	54	58	53	59	54	1.1	0.9	1.2	1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0070	Residential	Ground	N	56	51	57	52	56	51	57	53	1.3	1.2	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0070	Residential	Ground	E	56	51	58	53	57	52	58	54	1.4	1.3	1.5	1.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0070	Residential	Ground	N	56	51	57	53	57	52	58	53	1.5	1.4	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0071	Residential	Ground	W	55	50	55	50	56	51	56	51	0.3	0.3	0.5	0.6	59	54	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0071	Residential	Ground	S	56	52	57	52	57	52	58	53	0.8	0.6	0.9	1	59	54	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0071	Residential	Ground	E	53	47	53	48	53	48	54	49	0.5	0.6	0.6	0.7	59	54	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0071	Residential	Ground	N	56	50	56	51	56	51	57	52	0.5	0.6	0.5	0.7	59	54	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0071	Residential	Ground	E	56	51	57	51	57	51	57	52	0.5	0.6	0.5	0.7	59	54	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0071	Residential	Ground	N	58	52	59	53	58	53	59	54	0.7	0.9	0.7	1	59	54	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0072	Residential	Ground	N	55	50	56	51	55	51	57	52	1	0.9	1.1	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0072	Residential	Ground	W	55	50	56	51	56	51	57	52	0.7	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0072	Residential	Ground	S	57	52	57	52	57	52	58	53	0.7	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0072	Residential	Ground	E	57	53	58	53	58	53	59	54	0.8	0.6	0.9	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0073	Residential	Ground	N	54	49	55	50	55	50	56	51	0.7	0.6	0.9	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0073	Residential	Ground	W	55	50	55	50	55	50	56	51	0.7	0.5	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0073	Residential	Ground	N	53	49	54	49	54	49	55	50	0.6	0.4	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0073	Residential	Ground	W	56	51	56	51	56	52	57	52	0.6	0.4	0.8	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0073	Residential	Ground	S	56	51	57	52	56	52	57	53	1	0.9	1.2	1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0073	Residential	Ground	E	58	54	59	54	59	54	60	55	0.9	0.7	1	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0074	Residential	Ground	W	55	51	56	51	56	51	57	52	0.6	0.3	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0074	Residential	Ground	S	59	54	60	55	59	55	60	56	0.8	0.6	1	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0074	Residential	Ground	E	62	57	63	58	63	58	63	59	0.6	0.4	0.7	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0074	Residential	Ground	N	56	51	57	52	56	52	58	53	1.2	1.1	1.4	1.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0075	Residential	Ground	N	54	49	54	49	55	50	55	50	0.4	0.2	0.6	0.6	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04A	NCA04A.RES.0075	Residential	Ground	W	59	54	59	54	59	55	60	55	0.5	0.2	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0075	Residential	Ground	S	63	59	63	58	64	59	64	59	0	-0.3	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0075	Residential	Ground	E	63	59	63	59	64	59	64	60	0.1	-0.1	0.4	0.3	60	55	NO	YES	NO	NO	YES
NCA04A	NCA04A.RES.0075	Residential	Ground	N	53	49	54	49	54	49	54	50	0.3	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0075	Residential	Ground	E	54	49	54	49	55	50	55	50	0.4	0.1	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0075	Residential	Ground	N	54	49	54	49	54	50	55	50	0.5	0.2	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0075	Residential	Ground	W	54	50	55	50	55	50	56	51	0.5	0.3	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0076	Residential	Ground	NW	60	56	59	54	61	56	60	55	-0.9	-1.3	-0.8	-0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0076	Residential	Ground	SW	62	57	61	56	62	58	62	57	-1	-1.4	-0.8	-0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0076	Residential	Ground	NW	60	56	59	54	61	56	60	55	-1.2	-1.4	-0.9	-0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0076	Residential	Ground	SW	67	62	66	61	67	63	67	62	-0.8	-1.1	-0.6	-0.7	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0076	Residential	Ground	SE	67	63	67	62	68	63	68	63	-0.5	-0.8	-0.2	-0.3	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0076	Residential	Ground	NE	63	58	63	59	63	59	64	59	0.5	0.3	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0077	Residential	Ground	N	55	51	56	51	56	51	57	52	0.7	0.5	0.8	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0077	Residential	Ground	N	57	52	57	53	57	52	58	53	0.8	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0077	Residential	Ground	W	63	58	62	57	64	59	63	58	-0.9	-1.2	-0.6	-0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0077	Residential	Ground	S	67	62	66	61	67	63	67	62	-0.6	-0.9	-0.4	-0.5	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0077	Residential	Ground	E	65	61	65	60	66	61	66	61	-0.4	-0.7	-0.2	-0.3	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0077	Residential	Ground	N	57	53	58	53	58	53	59	54	0.8	0.6	0.9	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0078	Residential	Ground	NE	62	57	62	57	62	58	63	58	0	-0.2	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0078	Residential	Ground	NW	56	51	57	52	57	52	57	53	0.7	0.5	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0078	Residential	Ground	NW	56	52	57	52	57	52	58	53	0.7	0.4	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0078	Residential	Ground	SW	60	55	60	55	61	56	61	56	-0.1	-0.4	0.1	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0078	Residential	Ground	SE	64	59	64	59	65	60	65	60	-0.1	-0.5	0	0	60	55	YES	YES	NO	YES	YES
NCA04A	NCA04A.RES.0079	Residential	Ground	NE	59	54	59	54	60	55	60	55	-0.1	-0.3	0.1	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0079	Residential	Ground	NW	56	52	57	52	57	52	58	53	0.7	0.4	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0079	Residential	Ground	NW	55	50	55	50	55	51	56	52	0.4	0.2	0.7	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0079	Residential	Ground	NW	57	52	57	52	57	52	58	53	0.6	0.3	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0079	Residential	Ground	SW	59	54	59	54	59	55	60	55	0.2	-0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0079	Residential	Ground	SE	63	59	63	59	64	59	64	60	0.1	-0.2	0.3	0.2	60	55	NO	YES	NO	NO	YES
NCA04A	NCA04A.RES.0079	Residential	Ground	SE	63	58	63	58	64	59	64	59	-0.2	-0.4	0.1	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0079	Residential	Ground	SE	63	58	63	58	64	59	64	59	-0.2	-0.4	0	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0079	Residential	Ground	SW	63	59	63	58	64	59	64	59	-0.2	-0.4	0	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0079	Residential	Ground	SE	64	60	64	59	65	60	65	60	-0.5	-0.8	-0.2	-0.2	60	55	YES	YES	NO	YES	YES
NCA04A	NCA04A.RES.0080	Residential	Ground	NE	56	51	56	51	56	52	57	52	-0.1	-0.4	0.2	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0080	Residential	Ground	NW	57	52	57	52	58	53	58	53	0	-0.2	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0080	Residential	Ground	SW	61	56	60	55	61	57	61	57	-0.2	-0.5	0.1	0	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0080	Residential	Ground	SE	61	57	61	56	62	57	62	57	-0.2	-0.4	0.1	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0081	Residential	Ground	N	56	51	56	51	57	52	57	52	0.3	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0081	Residential	Ground	W	58	53	58	54	58	54	59	55	0.5	0.2	0.8	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0081	Residential	Ground	S	65	60	64	59	65	61	65	60	-0.5	-0.9	-0.3	-0.3	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0081	Residential	Ground	S	65	61	65	60	66	61	66	61	-0.6	-1	-0.4	-0.5	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0081	Residential	Ground	E	65	60	64	59	65	61	65	60	-1	-1.3	-0.7	-0.8	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0081	Residential	Ground	E	64	59	63	58	64	60	64	59	-0.8	-1.2	-0.5	-0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0082	Residential	Ground	NE	67	63	66	61	68	63	67	62	-1.2	-1.5	-0.9	-0.9	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0082	Residential	Ground	E	67	62	66	61	67	63	66	62	-1	-1.2	-0.7	-0.8	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0082	Residential	Ground	N	60	56	60	55	61	56	61	56	0	-0.2	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0082	Residential	Ground	W	63	59	62	57	64	59	63	58	-1.4	-1.7	-1.2	-1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0082	Residential	Ground	S	69	65	68	63	70	65	69	64	-1.5	-1.8	-1.1	-1.2	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0082	Residential	Ground	E	68	64	67	62	69	64	68	63	-1.3	-1.6	-1	-1	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0082	Residential	Ground	S	69	64	67	62	70	65	68	64	-1.5	-1.8	-1.2	-1.2	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0082	Residential	Ground	SE	69	65	68	63	70	65	69	64	-1.4	-1.7	-1.2	-1.2	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0082	Residential	Ground	E	69	64	67	62	69	65	68	64	-1.5	-1.8	-1.1	-1.2	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0083	Residential	Ground	N	56	51	57	52	57	52	57	53	0.6	0.4	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0083	Residential	Ground	W	55	50	55	51	56	51	56	52	0.4	0.1	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0083	Residential	Ground	S	61	57	61	56	62	57	62	57	0	-0.2	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0083	Residential	Ground	E	62	57	62	57	62	58	62	58	-0.2	-0.4	0.1	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0084	Residential	Ground	W	58	53	58	53	58	54	59	54	0.3	0.1	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0084	Residential	Ground	S	61	57	61	56	62	57	62	58	0.1	-0.2	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0084	Residential	Ground	E	62	57	62	57	62	58	62	58	-0.2	-0.6	-0.1	-0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0084	Residential	Ground	N	58	53	58	53	58	54	59	54	0.1	-0.1	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0089	Residential	Ground	W	56	52	57	53	57	52	58	54	1	0.7	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0089	Residential	Ground	S	58	54	59	54	59	54	60	55	1	0.7	1.1	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0089	Residential	Ground	E	58	53	59	54	59	54	59	55	0.5	0.3	0.7	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0089	Residential	Ground	N	54	50	55	50	55	50	56	51	0.9	0.7	1.1	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0090	Residential	Ground	W	56	51	57	52	56	52	58	53	1	0.7	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0090	Residential	Ground	S	56	51	57	52	56	52	58	53	0.9	0.7	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0090	Residential	Ground	W	56	51	56	52	56	52	57	53	0.8	0.7	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0090	Residential	Ground	S	58	53	58	54	58	54	59	55	0.7	0.5	0.9	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0090	Residential	Ground	E	58	54	59	54	59	54	60	55	0.6	0.3	0.8	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0090	Residential	Ground	N	54	49	54	50	54	50	55	51	0.7	0.6	0.9	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0090	Residential	Ground	E	55	50	56	51	56	51	56	52	0.6	0.4	0.8	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0090	Residential	Ground	N	54	49	55	50	54	50	56	51	0.9	0.8	1.1	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0091	Residential	Ground	W	57	53	58	53	58	53	59	54	0.9	0.6	1.1	1.2	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0091	Residential	Ground	S	60	55	61	56	60	56	62	57	1	0.8	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0091	Residential	Ground	E	60	55	61	56	60	56	62	57	1.1	1	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0091	Residential	Ground	S	60	55	61	56	60	56	61	57	1.1	0.8	1.2	1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0091	Residential	Ground	E	60	55	61	56	61	56	62	57	0.9	0.6	1	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0091	Residential	Ground	N	55	50	56	51	55	51	57	52	0.9	0.8	1.1	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0092	Residential	Ground	W	55	50	55	50	55	50	56	51	0.4	0.2	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0092	Residential	Ground	S	55	50	55	50	56	51	56	52	0.5	0.2	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0092	Residential	Ground	W	55	50	55	50	55	51	56	51	0.5	0.2	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0092	Residential	Ground	S	60	55	61	56	61	56	62	57	0.8	0.5	0.9	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0092	Residential	Ground	E	61	56	61	56	61	57	62	57	0.8	0.6	0.9	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0092	Residential	Ground	N	56	52	57	52	57	52	58	53	1	0.9	1.2	1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0093	Residential	Ground	W	56	51	56	52	56	52	57	53	0.7	0.5	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0093	Residential	Ground	S	61	56	61	56	61	57	62	57	0.6	0.4	0.8	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0093	Residential	Ground	E	61	56	61	56	61	57	62	57	0.7	0.4	0.8	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0093	Residential	Ground	N	59	54	60	55	60	55	60	56	0.7	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0093	Residential	Ground	E	60	55	60	56	60	56	61	57	0.6	0.4	0.8	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0093	Residential	Ground	N	56	51	57	52	56	52	58	53	1	0.8	1.1	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0094	Residential	Ground	W	55	50	55	50	55	51	56	51	0.6	0.3	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0094	Residential	Ground	S	57	52	58	53	58	53	58	54	0.4	0.2	0.7	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0094	Residential	Ground	W	55	51	56	51	56	51	57	52	0.6	0.4	0.9	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0094	Residential	Ground	S	61	56	61	56	61	57	62	57	0.5	0.2	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0094	Residential	Ground	E	60	56	61	56	61	56	62	57	0.6	0.4	0.7	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0094	Residential	Ground	N	55	50	56	51	55	51	56	52	1.1	1	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0095	Residential	Ground	N	56	51	57	52	56	51	57	53	1.2	1.1	1.3	1.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0095	Residential	Ground	W	52	47	52	47	52	48	53	48	0.4	0.3	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0095	Residential	Ground	S	60	56	61	56	61	56	61	57	0.3	-0.1	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0095	Residential	Ground	W	59	55	59	54	60	55	60	56	0.1	-0.3	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0095	Residential	Ground	S	62	57	62	57	62	58	63	58	0.5	0.3	0.7	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0095	Residential	Ground	E	61	57	62	57	62	57	63	58	0.7	0.5	0.9	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0095A	Residential	Ground	N	53	49	54	49	54	49	54	50	0.4	0.3	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0095A	Residential	Ground	W	54	49	55	50	55	50	56	51	0.6	0.4	0.9	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0095A	Residential	Ground	N	54	49	54	49	54	50	55	50	0.5	0.4	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0095A	Residential	Ground	W	55	50	55	50	55	51	56	52	0.5	0.3	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0095A	Residential	Ground	W	54	49	55	50	55	50	55	51	0.6	0.4	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0095A	Residential	Ground	W	55	50	55	50	55	50	56	51	0.4	0.2	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0095A	Residential	Ground	S	62	57	62	57	62	58	63	58	0.6	0.3	0.7	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0095A	Residential	Ground	E	61	56	62	57	62	57	62	58	0.6	0.4	0.8	0.7	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0096	Residential	Ground	W	53	48	54	49	54	49	55	50	0.5	0.4	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0096	Residential	Ground	S	56	52	57	52	57	52	58	53	0.8	0.6	1	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0096	Residential	Ground	E	52	48	53	48	53	48	54	49	0.7	0.5	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0096	Residential	Ground	N	51	46	52	47	52	47	52	48	0.5	0.3	0.7	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0096	Residential	Ground	W	52	47	52	47	52	48	53	49	0.6	0.3	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0096	Residential	Ground	N	52	47	52	47	52	47	53	48	0.5	0.4	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0096	Residential	Ground	E	53	48	53	48	53	49	54	49	0.6	0.4	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0096	Residential	Ground	N	54	49	55	51	54	50	56	51	1.8	1.7	1.8	1.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0097	Residential	Ground	W	55	50	55	50	55	50	56	51	0.7	0.5	1	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0097	Residential	Ground	N	53	48	53	48	53	48	54	49	0.4	0.2	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0097	Residential	Ground	W	55	51	56	51	56	51	57	53	0.9	0.7	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0097	Residential	Ground	S	56	52	57	52	57	52	58	53	0.6	0.5	0.9	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0097	Residential	Ground	E	57	52	58	53	57	53	58	54	1	0.9	1.2	1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0097	Residential	Ground	N	55	50	56	51	55	51	57	52	1.3	1.2	1.4	1.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0098	Residential	Ground	W	54	50	55	50	55	50	56	51	0.5	0.3	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0098	Residential	Ground	S	59	55	60	55	60	55	61	56	0.5	0.2	0.7	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0098	Residential	Ground	E	59	55	60	55	60	55	61	56	0.7	0.5	0.8	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0098	Residential	Ground	N	56	52	57	53	57	52	58	54	1.1	1	1.3	1.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0098	Residential	Ground	E	58	53	59	54	59	54	60	55	0.9	0.7	1	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0098	Residential	Ground	N	55	50	56	51	56	51	57	52	1.2	1.1	1.4	1.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0111	Residential	Ground	NE	55	50	55	50	56	51	56	51	-0.1	-0.3	0.1	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0111	Residential	Ground	NW	57	53	58	53	58	53	58	54	0.5	0.2	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0111	Residential	Ground	SW	65	61	64	59	66	61	64	60	-1.5	-1.9	-1.3	-1.4	60	55	NO	YES	NO	YES	YES
NCA04A	NCA04A.RES.0111	Residential	Ground	SE	69	65	68	63	70	65	69	64	-1.6	-1.9	-1.4	-1.5	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0111	Residential	Ground	NE	67	62	65	60	67	63	66	62	-1.1	-1.4	-0.9	-1	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0111	Residential	Ground	NW	56	51	56	51	56	52	57	52	0.2	0	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0112	Residential	Ground	NW	56	51	56	51	56	52	57	52	0.3	0.1	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0112	Residential	Ground	SW	63	58	62	57	63	59	62	58	-1	-1.3	-0.7	-0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0112	Residential	Ground	SE	68	63	67	62	69	64	68	63	-1.2	-1.5	-0.8	-0.9	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0112	Residential	Ground	NE	65	60	64	59	66	61	65	60	-1.4	-1.7	-1	-1.1	60	55	YES	YES	NO	YES	YES
NCA04A	NCA04A.RES.0113	Residential	Ground	W	56	51	56	52	57	52	57	53	0.4	0.1	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0113	Residential	Ground	S	60	56	61	56	61	56	61	57	0.3	0.1	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0113	Residential	Ground	E	55	50	55	50	56	51	56	52	0.3	0.1	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0113	Residential	Ground	N	56	51	56	51	56	52	57	52	0.5	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0114	Residential	Ground	W	56	52	57	52	57	52	57	53	0.6	0.3	0.7	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0114	Residential	Ground	S	60	55	60	55	61	56	61	56	0.3	0.1	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0114	Residential	Ground	E	56	51	56	51	56	52	57	52	0.3	0.1	0.5	0.6	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0114	Residential	Ground	N	54	50	55	50	55	50	56	51	0.3	0.1	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0115	Residential	Ground	W	56	51	56	51	56	52	57	52	0.4	0.1	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0115	Residential	Ground	S	59	55	60	55	60	55	61	56	0.4	0.2	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0115	Residential	Ground	E	56	52	57	52	57	52	57	53	0.5	0.3	0.7	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0115	Residential	Ground	N	55	50	56	51	56	51	56	52	0.5	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0116	Residential	Ground	W	57	52	57	52	57	53	58	54	0.7	0.5	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0116	Residential	Ground	S	59	55	60	55	60	55	61	56	0.5	0.3	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0116	Residential	Ground	E	56	51	56	51	56	52	57	52	0.3	0.1	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0116	Residential	Ground	N	56	51	56	51	56	51	57	52	0.4	0.2	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0117	Residential	Ground	W	56	52	57	52	57	52	57	53	0.4	0.2	0.7	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0117	Residential	Ground	S	58	53	58	54	59	54	59	55	0.4	0.2	0.7	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0117	Residential	Ground	E	57	53	58	53	58	53	59	54	0.7	0.5	1	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0117	Residential	Ground	N	55	50	55	50	55	51	56	51	0.3	0.1	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0118	Residential	Ground	W	56	52	57	52	57	52	58	53	0.5	0.2	0.7	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0118	Residential	Ground	S	56	51	56	52	56	52	57	53	0.6	0.4	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0118	Residential	Ground	E	56	51	56	51	57	52	57	52	0.3	0	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0118	Residential	Ground	N	55	51	56	51	56	51	56	52	0.3	0.1	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0119	Residential	Ground	W	56	52	57	52	57	52	57	53	0.5	0.1	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0119	Residential	Ground	S	60	55	61	56	60	56	61	57	0.9	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0119	Residential	Ground	E	56	52	57	52	57	52	57	53	0.4	0.1	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0119	Residential	Ground	N	55	51	56	51	56	51	57	52	0.3	0	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0120	Residential	Ground	W	57	52	57	52	57	53	58	53	0.5	0.2	0.7	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0120	Residential	Ground	S	60	55	61	56	61	56	62	57	0.8	0.5	1.1	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0120	Residential	Ground	E	56	51	56	51	56	52	57	52	0.3	0.1	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0120	Residential	Ground	N	55	51	56	51	56	51	57	52	0.3	0	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0121	Residential	Ground	W	57	52	57	52	57	52	58	53	0.6	0.3	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0121	Residential	Ground	S	60	55	61	56	60	56	61	57	0.8	0.5	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0121	Residential	Ground	E	56	51	56	51	56	52	57	53	0.4	0.2	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0121	Residential	Ground	N	55	50	55	50	56	51	56	51	0.1	0	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0122	Residential	Ground	W	56	52	57	52	57	52	58	53	0.5	0.2	0.7	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0122	Residential	Ground	S	60	55	61	56	61	56	62	57	0.8	0.5	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0122	Residential	Ground	E	56	52	57	52	57	52	57	53	0.5	0.2	0.7	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0122	Residential	Ground	N	55	51	55	51	56	51	56	52	0.2	0	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0123	Residential	Ground	W	57	52	57	52	57	53	58	53	0.5	0.1	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0123	Residential	Ground	S	60	56	61	56	61	56	62	57	0.8	0.5	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0123	Residential	Ground	E	56	51	57	52	57	52	57	53	0.5	0.1	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0123	Residential	Ground	N	56	51	56	51	56	52	57	52	0.3	0.1	0.6	0.7	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04A	NCA04A.RES.0124	Residential	Ground	W	56	52	57	52	57	52	58	53	0.5	0.2	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0124	Residential	Ground	S	60	55	60	56	60	56	61	57	0.8	0.5	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0124	Residential	Ground	E	56	51	56	51	56	52	57	52	0.4	0.2	0.7	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0124	Residential	Ground	N	55	51	55	50	56	51	56	52	0.1	-0.1	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0125	Residential	Ground	W	56	52	57	52	57	52	58	53	0.4	0.1	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0125	Residential	Ground	S	60	55	61	56	60	56	61	57	0.7	0.4	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0125	Residential	Ground	E	56	52	57	52	57	52	57	53	0.4	0.1	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0125	Residential	Ground	N	55	51	55	51	56	51	56	52	0.2	0	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0126	Residential	Ground	E	56	52	57	52	57	52	57	53	0.4	0.1	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0126	Residential	Ground	N	56	51	56	51	56	52	57	52	0.3	0.1	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0126	Residential	Ground	W	57	53	58	53	58	53	59	54	0.5	0.2	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0126	Residential	Ground	W	56	52	57	52	57	52	58	53	0.4	0.1	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0126	Residential	Ground	W	58	54	59	54	59	54	60	55	0.6	0.3	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0126	Residential	Ground	S	60	55	61	56	61	56	62	57	0.7	0.4	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0127	Residential	Ground	W	57	52	57	52	57	53	58	53	0.4	0.1	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0127	Residential	Ground	S	60	55	61	56	60	56	61	57	0.7	0.4	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0127	Residential	Ground	E	57	53	58	53	58	53	59	54	0.6	0.3	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0127	Residential	Ground	N	56	51	56	51	56	52	57	52	0.2	0	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0128	Residential	Ground	W	57	52	57	52	57	53	58	53	0.4	0.1	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0128	Residential	Ground	S	60	55	60	55	60	56	61	57	0.5	0.2	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0128	Residential	Ground	E	56	51	57	52	57	52	57	53	0.4	0.1	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0128	Residential	Ground	N	56	51	56	51	56	52	57	52	0.2	0	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0129	Residential	Ground	W	57	52	57	52	58	53	58	54	0.4	0.1	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0129	Residential	Ground	S	60	55	60	56	60	56	61	57	0.6	0.3	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0129	Residential	Ground	E	56	52	57	52	57	52	57	53	0.3	0.1	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0129	Residential	Ground	N	56	51	56	51	56	51	57	52	0.2	-0.1	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0130	Residential	Ground	W	58	53	58	53	58	54	59	54	0.5	0.1	0.8	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0130	Residential	Ground	S	60	55	61	56	61	56	61	57	0.6	0.3	0.9	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0130	Residential	Ground	E	57	52	57	52	57	52	58	53	0.3	0.1	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0130	Residential	Ground	N	56	52	56	52	57	52	57	53	0.2	0	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0131	Residential	Ground	W	57	53	58	53	58	53	58	54	0.3	0.1	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0131	Residential	Ground	S	60	55	61	56	61	56	61	57	0.5	0.2	0.8	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0131	Residential	Ground	E	57	52	57	53	58	53	58	54	0.4	0.2	0.7	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0131	Residential	Ground	N	56	52	57	52	57	52	57	53	0.3	0	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0132	Residential	Ground	W	57	52	57	52	58	53	58	54	0.3	0	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0132	Residential	Ground	S	60	56	61	56	61	56	61	57	0.5	0.2	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0132	Residential	Ground	E	57	52	57	52	57	53	58	53	0.3	0	0.5	0.6	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0132	Residential	Ground	N	56	52	57	52	57	52	57	53	0.2	0	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0133	Residential	Ground	W	59	55	60	55	60	55	60	56	0.2	-0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0133	Residential	Ground	S	64	59	64	59	64	60	65	60	-0.1	-0.4	0.2	0.3	60	55	YES	YES	NO	YES	YES
NCA04A	NCA04A.RES.0133	Residential	Ground	E	59	54	59	54	59	55	60	55	0.1	-0.3	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0133	Residential	Ground	N	57	52	57	52	57	53	58	53	0.1	-0.3	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0134	Residential	Ground	W	59	55	59	54	60	55	60	55	0.1	-0.3	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0134	Residential	Ground	S	63	58	63	58	63	59	64	60	0.2	-0.1	0.5	0.6	60	55	NO	YES	NO	NO	YES
NCA04A	NCA04A.RES.0134	Residential	Ground	E	58	53	58	53	58	53	58	54	0.1	-0.1	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0134	Residential	Ground	N	57	52	57	52	57	53	57	53	0	-0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0135	Residential	Ground	W	58	53	58	53	58	54	59	54	0.1	-0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0135	Residential	Ground	S	62	58	63	58	63	58	64	59	0.3	0	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0135	Residential	Ground	S	62	58	62	57	63	58	63	59	0.3	-0.1	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0135	Residential	Ground	S	62	58	62	58	63	58	63	59	0.3	0	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0135	Residential	Ground	E	58	53	58	53	58	53	58	54	0.1	-0.1	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0135	Residential	Ground	N	56	52	56	51	57	52	57	53	0	-0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0136	Residential	Ground	W	58	53	58	53	59	54	59	54	0.2	-0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0136	Residential	Ground	S	62	57	62	57	62	58	63	59	0.3	0	0.7	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0136	Residential	Ground	E	57	53	58	53	58	53	58	54	0.2	-0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0136	Residential	Ground	N	57	52	57	52	57	53	58	53	0.1	-0.2	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0137	Residential	Ground	W	58	53	58	53	58	53	58	54	0.2	-0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0137	Residential	Ground	S	61	56	61	56	62	57	62	58	0.4	0	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0137	Residential	Ground	E	57	52	57	52	58	53	58	53	0.1	-0.1	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0137	Residential	Ground	N	57	52	57	52	57	52	57	53	0.1	-0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0138	Residential	Ground	W	58	53	58	53	58	54	59	54	0.3	-0.1	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0138	Residential	Ground	S	61	57	62	57	62	57	62	58	0.3	0	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0138	Residential	Ground	E	57	53	58	53	58	53	58	54	0.2	-0.1	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0138	Residential	Ground	N	56	51	56	51	57	52	57	52	0.1	-0.2	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0139	Residential	Ground	W	57	52	57	52	58	53	58	54	0.3	0.1	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0139	Residential	Ground	S	56	51	56	51	56	52	57	52	0.1	-0.1	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0139	Residential	Ground	E	57	52	57	52	58	53	58	53	0.3	0	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0139	Residential	Ground	N	56	52	56	52	57	52	57	53	0.1	-0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0140	Residential	Ground	W	58	53	58	53	58	54	59	54	0.3	-0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0140	Residential	Ground	S	61	56	61	56	62	57	62	58	0.3	0	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0140	Residential	Ground	E	58	53	58	53	58	54	59	54	0.2	-0.1	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0140	Residential	Ground	N	56	52	56	51	57	52	57	53	0.1	-0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0141	Residential	Ground	W	57	53	57	53	58	53	58	54	0.3	0	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0141	Residential	Ground	S	57	53	57	52	58	53	58	54	0.2	-0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0141	Residential	Ground	E	57	52	57	52	57	52	58	53	0.2	0	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0141	Residential	Ground	N	56	51	56	51	57	52	57	52	0.2	-0.1	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0142	Residential	Ground	W	58	53	58	53	59	54	59	55	0.3	0	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0142	Residential	Ground	S	61	56	61	56	61	57	62	57	0.4	0	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0142	Residential	Ground	S	61	56	61	56	61	57	62	57	0.4	0	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0142	Residential	Ground	E	57	53	58	53	58	53	58	54	0.2	-0.1	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0142	Residential	Ground	N	56	52	57	52	57	52	57	53	0.1	-0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0143	Residential	Ground	W	57	52	57	52	58	53	58	54	0.3	0	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0143	Residential	Ground	S	58	53	58	53	58	53	58	54	0.1	-0.1	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0143	Residential	Ground	E	56	52	56	51	57	52	57	53	0.2	-0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0143	Residential	Ground	N	55	51	56	51	56	51	56	52	0.2	-0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0143	Residential	Ground	N	56	52	56	51	57	52	57	53	0.1	-0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0144	Residential	Ground	W	57	52	57	52	57	53	58	53	0.3	-0.1	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0144	Residential	Ground	S	59	54	59	54	60	55	60	56	0.4	0	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0144	Residential	Ground	E	56	52	57	52	57	52	57	53	0.2	-0.1	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0144	Residential	Ground	N	56	51	56	51	57	52	57	53	0.1	-0.1	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0145	Residential	Ground	W	57	52	57	52	57	53	58	53	0.3	-0.1	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0145	Residential	Ground	S	58	53	58	53	59	54	59	54	0.2	-0.1	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0145	Residential	Ground	E	57	52	57	52	57	53	58	53	0.2	0	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0145	Residential	Ground	N	55	50	55	50	56	51	56	51	0.2	-0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0145	Residential	Ground	N	54	49	54	49	55	50	55	50	0.2	-0.1	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0145	Residential	Ground	N	56	51	56	51	57	52	57	53	0.2	0	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0146	Residential	Ground	W	57	52	57	52	58	53	58	53	0.2	-0.1	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0146	Residential	Ground	S	60	56	61	56	61	56	62	57	0.5	0.2	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0146	Residential	Ground	E	58	54	59	54	59	54	59	55	0.2	-0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0146	Residential	Ground	N	55	51	55	50	56	51	56	52	0.1	-0.1	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0147	Residential	Ground	W	58	54	59	54	59	54	59	55	0.5	0.2	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0147	Residential	Ground	S	61	56	61	56	61	57	62	57	0.6	0.3	0.8	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0147	Residential	Ground	E	58	53	58	53	58	54	59	55	0.5	0.2	0.7	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0147	Residential	Ground	N	56	51	56	51	56	52	57	52	0.1	-0.1	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0148	Residential	Ground	W	57	52	57	52	57	53	58	53	0.3	0	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0148	Residential	Ground	S	57	53	58	53	58	53	58	54	0.3	0	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0148	Residential	Ground	E	56	51	56	51	57	52	57	52	0.1	-0.1	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0148	Residential	Ground	N	56	51	56	51	56	52	57	52	0.1	-0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0149	Residential	Ground	W	56	52	57	52	57	52	57	53	0.2	-0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0149	Residential	Ground	S	60	55	61	56	60	56	61	57	0.8	0.4	0.9	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0149	Residential	Ground	E	58	53	58	53	58	54	59	54	0.7	0.3	0.8	0.8	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0149	Residential	Ground	N	56	51	56	51	56	52	57	52	0.2	0	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0150	Residential	Ground	W	63	59	63	58	64	59	64	59	-0.4	-0.8	-0.1	-0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0150	Residential	Ground	S	71	66	70	65	71	67	71	66	-0.7	-1.1	-0.4	-0.4	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0150	Residential	Ground	N	59	54	59	54	59	55	59	55	-0.4	-0.6	0	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0151	Residential	Ground	W	64	60	64	59	65	60	65	60	-0.3	-0.8	-0.2	-0.2	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0151	Residential	Ground	S	72	68	71	66	73	68	72	68	-0.9	-1.4	-0.7	-0.6	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0151	Residential	Ground	E	64	59	63	58	64	60	64	59	-0.4	-0.8	-0.2	-0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0151	Residential	Ground	N	59	55	59	54	60	55	60	55	-0.3	-0.7	0	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0152	Residential	Ground	S	72	67	71	66	72	68	72	67	-1	-1.4	-0.6	-0.7	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0152	Residential	Ground	E	64	59	63	58	64	60	64	59	-0.4	-0.9	-0.1	-0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0152	Residential	Ground	N	60	55	59	54	60	55	60	56	-0.3	-0.7	0	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0152	Residential	Ground	W	64	59	63	59	65	60	64	60	-0.5	-0.9	-0.3	-0.2	60	55	NO	YES	NO	YES	YES
NCA04A	NCA04A.RES.0152	Residential	Ground	S	73	69	72	67	74	69	73	68	-1.1	-1.5	-0.8	-0.7	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0152	Residential	Ground	S	71	67	70	65	72	67	71	66	-0.9	-1.4	-0.7	-0.7	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0153	Residential	Ground	S	72	68	71	66	73	68	72	67	-1.1	-1.5	-0.8	-0.8	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0153	Residential	Ground	E	64	59	63	58	64	60	64	60	-0.4	-0.9	-0.3	-0.2	60	55	NO	YES	NO	YES	YES
NCA04A	NCA04A.RES.0153	Residential	Ground	N	60	56	60	55	61	56	60	56	-0.7	-1	-0.3	-0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0153	Residential	Ground	W	64	60	63	59	65	60	64	60	-0.8	-1.1	-0.4	-0.4	60	55	NO	YES	NO	YES	YES
NCA04A	NCA04A.RES.0153	Residential	Ground	W	71	67	70	65	72	67	71	66	-1.1	-1.5	-0.8	-0.8	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0153	Residential	Ground	S	74	69	73	68	75	70	74	69	-1.2	-1.6	-0.8	-0.8	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0153	Residential	Ground	E	72	67	71	66	72	68	71	67	-1.1	-1.5	-0.8	-0.9	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0154	Residential	Ground	W	71	67	70	65	72	67	71	67	-1	-1.4	-0.6	-0.5	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0154	Residential	Ground	S	75	71	74	69	76	71	75	70	-1.3	-1.7	-1	-1	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0154	Residential	Ground	E	65	60	64	59	65	61	65	60	-0.8	-1.2	-0.5	-0.6	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0154	Residential	Ground	N	61	56	60	55	61	56	61	56	-0.4	-0.7	-0.1	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0155	Residential	Ground	W	58	53	58	53	59	54	59	54	-0.1	-0.4	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0155	Residential	Ground	S	61	57	62	57	62	57	62	58	0.2	-0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0155	Residential	Ground	E	59	55	59	54	60	55	60	55	0	-0.4	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0155	Residential	Ground	N	57	52	57	52	57	53	58	53	-0.1	-0.3	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0156	Residential	Ground	W	58	53	58	53	58	54	59	54	0	-0.4	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0156	Residential	Ground	S	62	58	62	57	63	58	63	58	0	-0.3	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0156	Residential	Ground	E	58	54	58	53	59	54	59	54	0	-0.3	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0156	Residential	Ground	N	57	52	57	52	57	53	57	53	-0.1	-0.4	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0157	Residential	Ground	W	58	54	58	53	59	54	59	55	-0.1	-0.4	0.1	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0157	Residential	Ground	S	62	58	62	57	63	58	63	59	0.3	-0.1	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0157	Residential	Ground	E	58	53	58	53	59	54	59	54	0	-0.3	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0157	Residential	Ground	N	57	53	57	52	58	53	58	54	0.1	-0.2	0.4	0.4	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0158	Residential	Ground	W	59	55	59	54	60	55	60	55	0	-0.4	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0158	Residential	Ground	S	62	58	62	57	63	58	63	59	0.2	-0.1	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0158	Residential	Ground	E	58	54	58	53	59	54	59	54	-0.1	-0.4	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0158	Residential	Ground	N	57	52	57	52	58	53	58	53	-0.2	-0.4	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0159	Residential	Ground	W	59	54	59	54	59	55	59	55	-0.1	-0.5	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0159	Residential	Ground	S	64	59	64	59	64	60	65	60	-0.1	-0.4	0.1	0.1	60	55	YES	YES	NO	YES	YES
NCA04A	NCA04A.RES.0159	Residential	Ground	E	59	54	59	54	60	55	60	55	-0.1	-0.4	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0159	Residential	Ground	N	58	53	58	53	58	54	59	54	0.1	-0.2	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0160	Residential	Ground	W	59	54	59	54	60	55	60	55	-0.1	-0.5	0.1	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0160	Residential	Ground	S	62	57	62	57	62	57	62	58	0	-0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0160	Residential	Ground	S	61	56	61	56	62	57	62	57	0.1	-0.3	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0160	Residential	Ground	S	62	57	62	57	62	58	63	58	0.1	-0.3	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0160	Residential	Ground	E	60	55	60	55	60	56	60	56	-0.3	-0.5	0	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0160	Residential	Ground	N	57	53	57	52	58	53	58	53	-0.2	-0.4	0.1	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0161	Residential	Ground	W	59	55	59	54	60	55	60	55	-0.1	-0.4	0.1	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0161	Residential	Ground	S	62	58	62	57	63	58	63	58	0	-0.3	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0161	Residential	Ground	E	59	55	59	54	60	55	60	55	-0.2	-0.4	0.1	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0161	Residential	Ground	N	58	53	58	53	59	54	59	54	-0.1	-0.3	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0162	Residential	Ground	W	59	55	59	54	60	55	60	55	-0.2	-0.5	0.1	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0162	Residential	Ground	S	62	58	62	57	63	58	63	59	0	-0.3	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0162	Residential	Ground	E	60	55	60	55	60	56	60	56	-0.1	-0.5	0	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0162	Residential	Ground	N	58	53	58	53	59	54	59	54	-0.2	-0.5	0.1	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0163	Residential	Ground	W	59	55	59	54	60	55	60	55	-0.2	-0.5	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0163	Residential	Ground	S	63	58	63	58	64	59	64	59	-0.1	-0.4	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0163	Residential	Ground	E	59	55	59	54	60	55	60	55	-0.3	-0.5	0	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0163	Residential	Ground	N	58	53	58	53	59	54	59	54	-0.2	-0.5	0.1	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0164	Residential	Ground	W	62	58	62	57	63	58	63	58	-0.3	-0.6	0.1	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0164	Residential	Ground	S	66	61	66	61	66	62	66	62	-0.3	-0.6	0	0.1	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0164	Residential	Ground	W	66	61	65	60	66	62	66	62	-0.2	-0.7	0.1	0.2	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0164	Residential	Ground	S	65	61	65	60	66	61	66	61	-0.3	-0.6	0	0.1	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0164	Residential	Ground	E	60	55	60	55	60	56	60	56	-0.3	-0.6	0	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0164	Residential	Ground	N	58	54	58	53	59	54	59	54	-0.2	-0.6	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0165	Residential	Ground	W	65	61	65	60	66	61	66	62	-0.3	-0.7	0.1	0.1	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0165	Residential	Ground	S	68	64	68	63	69	64	69	64	-0.5	-0.9	-0.1	-0.1	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0165	Residential	Ground	E	61	56	60	55	61	56	61	57	-0.3	-0.6	0	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0165	Residential	Ground	N	59	54	58	53	59	55	59	55	-0.2	-0.5	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0166	Residential	Ground	W	65	61	65	60	66	61	66	61	-0.2	-0.7	0	0.1	60	55	YES	YES	YES	YES	YES

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0166	Residential	Ground	S	69	64	68	63	69	65	69	65	-0.5	-0.9	-0.1	-0.1	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0166	Residential	Ground	E	64	60	64	59	65	60	65	60	-0.4	-0.8	-0.1	-0.2	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0166	Residential	Ground	N	59	54	58	53	59	54	59	55	-0.3	-0.6	0	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0167	Residential	Ground	W	67	62	66	61	67	63	67	63	-0.8	-1.2	-0.4	-0.2	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0167	Residential	Ground	S	69	64	68	63	69	65	69	65	-0.6	-1	-0.3	-0.3	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0167	Residential	Ground	E	65	61	65	60	66	61	66	61	-0.4	-0.7	-0.2	-0.1	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0167	Residential	Ground	N	60	55	60	55	60	56	61	56	-0.2	-0.6	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0168	Residential	Ground	W	57	52	57	52	58	53	58	53	-0.1	-0.3	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0168	Residential	Ground	S	60	55	60	55	61	56	61	56	-0.1	-0.3	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0168	Residential	Ground	E	59	54	59	54	59	55	60	55	0.1	-0.2	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0168	Residential	Ground	N	58	53	58	53	58	54	58	54	-0.1	-0.3	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0169	Residential	Ground	W	58	53	58	53	59	54	59	54	0.1	-0.3	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0169	Residential	Ground	S	59	55	59	54	60	55	60	56	0.1	-0.1	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0169	Residential	Ground	E	57	53	57	52	58	53	58	53	0	-0.3	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0169	Residential	Ground	N	58	53	58	53	58	54	59	54	-0.1	-0.5	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0170	Residential	Ground	W	58	53	58	53	58	54	58	54	-0.1	-0.4	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0170	Residential	Ground	S	59	55	59	54	60	55	60	55	0	-0.3	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0170	Residential	Ground	E	58	53	58	53	58	54	59	54	0.1	-0.3	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0170	Residential	Ground	N	58	53	58	53	59	54	59	54	-0.1	-0.5	0.1	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0171	Residential	Ground	W	58	53	58	53	59	54	59	54	0	-0.4	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0171	Residential	Ground	S	60	55	60	55	60	55	60	56	0.1	-0.2	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0171	Residential	Ground	E	57	53	57	52	58	53	58	54	-0.1	-0.4	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0171	Residential	Ground	N	58	54	58	53	59	54	59	54	-0.2	-0.5	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0172	Residential	Ground	W	58	53	58	53	58	54	59	54	-0.1	-0.3	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0172	Residential	Ground	S	60	55	60	55	60	56	60	56	0	-0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0172	Residential	Ground	E	58	53	58	53	58	54	59	54	0	-0.4	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0172	Residential	Ground	N	56	51	56	51	57	52	57	52	0	-0.3	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0172	Residential	Ground	N	56	51	56	51	56	52	56	52	-0.1	-0.3	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0172	Residential	Ground	N	59	54	59	54	59	55	59	55	-0.2	-0.5	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0173	Residential	Ground	W	58	53	58	53	59	54	59	54	0	-0.3	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0173	Residential	Ground	S	59	55	60	55	60	55	60	56	0.1	-0.2	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0173	Residential	Ground	E	57	53	57	52	58	53	58	54	-0.1	-0.4	0.1	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0173	Residential	Ground	N	59	54	58	54	59	55	59	55	-0.3	-0.5	0.1	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0174	Residential	Ground	W	59	54	59	54	59	55	59	55	0	-0.3	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0174	Residential	Ground	S	60	55	60	55	60	56	61	56	0	-0.4	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0174	Residential	Ground	E	58	53	58	53	58	54	59	54	0	-0.3	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0174	Residential	Ground	N	58	54	58	53	59	54	59	54	-0.5	-0.8	-0.2	-0.1	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0174	Residential	Ground	N	59	54	59	54	60	55	60	55	-0.3	-0.6	0	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0175	Residential	Ground	N	58	53	58	53	58	54	58	54	-0.2	-0.5	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0175	Residential	Ground	W	59	54	59	54	59	55	60	55	0	-0.3	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0175	Residential	Ground	S	59	54	59	54	60	55	60	55	0	-0.3	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0175	Residential	Ground	E	58	54	58	53	59	54	59	54	0	-0.4	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0175	Residential	Ground	N	59	55	59	54	60	55	60	55	-0.4	-0.7	-0.1	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0176	Residential	Ground	N	59	55	59	54	60	55	60	55	-0.5	-0.7	-0.1	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0176	Residential	Ground	W	58	54	58	53	59	54	59	54	0	-0.4	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0176	Residential	Ground	S	60	55	60	55	60	56	61	56	-0.1	-0.3	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0176	Residential	Ground	E	58	54	58	53	59	54	59	54	-0.1	-0.4	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0176	Residential	Ground	N	59	55	59	54	60	55	60	56	-0.3	-0.6	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0177	Residential	Ground	W	59	54	59	54	60	55	60	55	-0.1	-0.3	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0177	Residential	Ground	S	60	55	60	55	60	56	61	56	-0.1	-0.4	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0177	Residential	Ground	E	58	53	58	53	59	54	59	54	0	-0.4	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0177	Residential	Ground	N	59	54	58	53	59	55	59	55	-0.5	-0.8	-0.2	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0178	Residential	Ground	W	60	55	60	55	60	56	61	56	0	-0.4	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0178	Residential	Ground	S	60	55	60	55	61	56	61	56	-0.1	-0.3	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0178	Residential	Ground	E	58	54	58	53	59	54	59	55	0	-0.4	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0178	Residential	Ground	N	60	55	59	54	60	56	60	56	-0.6	-0.9	-0.2	-0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0178	Residential	Ground	N	60	56	60	55	61	56	61	57	-0.2	-0.4	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0179	Residential	Ground	N	60	56	59	54	61	56	60	56	-0.7	-1.1	-0.3	-0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0179	Residential	Ground	W	61	57	61	56	62	57	62	58	-0.1	-0.5	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0179	Residential	Ground	S	60	55	60	55	60	56	60	56	-0.1	-0.5	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0179	Residential	Ground	E	59	54	59	54	59	55	60	55	-0.1	-0.4	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0179	Residential	Ground	N	61	56	60	55	61	57	61	57	-0.5	-0.7	-0.1	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0180	Residential	Ground	N	59	54	58	53	59	55	59	55	-0.4	-0.7	-0.1	-0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0180	Residential	Ground	W	62	57	62	57	62	58	62	58	-0.1	-0.5	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0180	Residential	Ground	S	61	56	61	56	61	57	61	57	-0.3	-0.5	0.1	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0180	Residential	Ground	E	61	56	61	56	62	57	62	57	-0.1	-0.5	0.1	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0180	Residential	Ground	N	61	56	61	56	62	57	61	57	-0.5	-0.9	-0.2	-0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0181	Residential	Ground	N	56	51	56	51	56	52	57	52	0.1	-0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0181	Residential	Ground	W	57	52	57	52	57	53	58	53	0.4	0.2	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0181	Residential	Ground	S	59	54	59	54	59	55	60	55	0.4	0.2	0.7	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0181	Residential	Ground	E	56	51	56	51	57	52	57	52	0.1	-0.1	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0182	Residential	Ground	N	56	51	56	51	56	51	56	52	0.2	-0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0182	Residential	Ground	W	57	52	57	52	57	53	58	53	0.4	0	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0182	Residential	Ground	S	57	53	58	53	58	53	58	54	0.2	-0.1	0.4	0.4	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0182	Residential	Ground	E	56	52	57	52	57	52	57	53	0.4	0.1	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0183	Residential	Ground	N	56	51	56	51	56	51	57	52	0.1	-0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0183	Residential	Ground	W	58	54	59	54	59	54	60	55	0.6	0.3	0.8	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0183	Residential	Ground	S	60	56	61	56	61	56	62	57	0.7	0.4	0.9	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0183	Residential	Ground	E	59	54	59	55	59	55	60	56	0.6	0.4	0.9	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0184	Residential	Ground	N	59	55	59	54	60	55	59	55	-0.5	-0.9	-0.3	-0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0184	Residential	Ground	W	70	65	69	64	70	66	70	65	-0.8	-1.1	-0.4	-0.4	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0184	Residential	Ground	S	74	69	72	67	74	69	73	69	-1.3	-1.7	-0.9	-0.9	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0184	Residential	Ground	E	71	66	69	64	71	67	70	66	-1.4	-1.8	-1.1	-1.1	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0185	Residential	Ground	N	59	55	59	54	60	55	60	56	-0.2	-0.5	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0185	Residential	Ground	S	68	64	68	63	69	64	69	64	-0.6	-1	-0.3	-0.3	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0185	Residential	Ground	E	63	58	62	57	63	59	63	58	-0.9	-1.2	-0.6	-0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0185	Residential	Ground	N	58	54	58	53	59	54	59	54	-0.4	-0.6	-0.1	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0185	Residential	Ground	N	57	53	57	52	58	53	58	53	-0.3	-0.6	0	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0186	Residential	Ground	NW	59	55	59	54	60	55	60	55	-0.3	-0.6	0	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0186	Residential	Ground	SW	67	62	66	61	67	63	67	62	-0.7	-1.1	-0.5	-0.5	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0186	Residential	Ground	SE	60	56	60	55	61	56	61	56	-0.3	-0.7	0	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0186	Residential	Ground	NE	59	55	59	54	60	55	60	55	-0.4	-0.6	-0.1	-0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0187	Residential	Ground	NW	59	54	59	54	59	55	59	55	-0.2	-0.6	0	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0187	Residential	Ground	SW	60	55	60	55	61	56	61	56	-0.3	-0.6	0	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0187	Residential	Ground	SE	60	55	59	54	60	56	60	55	-0.4	-0.7	-0.1	-0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0187	Residential	Ground	NE	60	56	60	55	61	56	61	56	-0.5	-0.8	-0.2	-0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0188	Residential	Ground	NW	59	54	58	53	59	55	59	55	-0.3	-0.7	-0.1	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0188	Residential	Ground	SW	61	56	60	55	61	57	61	56	-0.6	-0.9	-0.2	-0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0188	Residential	Ground	SE	61	56	60	55	61	56	61	56	-0.5	-0.9	-0.2	-0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0188	Residential	Ground	NE	61	56	60	55	62	57	61	57	-0.7	-1.1	-0.5	-0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0189	Residential	Ground	NW	59	54	58	53	59	55	59	55	-0.5	-0.8	-0.2	-0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0189	Residential	Ground	SW	63	58	62	57	64	59	63	59	-0.6	-1	-0.4	-0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0189	Residential	Ground	SE	61	56	60	55	61	57	61	56	-0.6	-0.9	-0.3	-0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0189	Residential	Ground	NE	62	57	61	56	62	58	62	57	-0.9	-1.2	-0.6	-0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0190	Residential	Ground	NW	60	55	59	54	60	55	60	55	-0.7	-1	-0.4	-0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0190	Residential	Ground	SW	73	68	71	66	74	69	72	67	-1.9	-2.2	-1.5	-1.5	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0190	Residential	Ground	SE	72	67	70	65	72	68	71	66	-1.8	-2.1	-1.4	-1.4	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0190	Residential	Ground	NE	63	58	61	56	63	58	62	58	-1.1	-1.5	-0.8	-0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0191	Residential	Ground	NW	59	55	59	54	60	55	60	55	-0.3	-0.7	-0.1	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0191	Residential	Ground	SW	70	65	68	63	70	65	69	65	-1.1	-1.4	-0.8	-0.8	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0191	Residential	Ground	SE	65	60	64	59	65	61	65	60	-0.7	-1	-0.5	-0.4	60	55	YES	YES	YES	YES	YES

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0191	Residential	Ground	NE	60	55	59	54	60	56	60	55	-0.5	-0.9	-0.3	-0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0192	Residential	Ground	NW	63	58	62	57	63	59	63	59	-0.5	-0.9	-0.2	-0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0192	Residential	Ground	SW	72	68	71	66	73	68	72	67	-1.2	-1.6	-0.9	-1	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0192	Residential	Ground	SE	70	65	69	64	70	66	69	65	-1.2	-1.6	-0.9	-1	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0192	Residential	Ground	NE	60	56	60	55	61	56	60	56	-0.7	-0.9	-0.4	-0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0193	Residential	Ground	NW	59	54	59	54	59	55	59	55	-0.1	-0.3	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0193	Residential	Ground	SW	62	57	61	56	62	58	62	58	-0.5	-0.8	-0.2	-0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0193	Residential	Ground	SE	59	55	59	54	60	55	60	55	-0.3	-0.7	-0.1	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0193	Residential	Ground	NE	60	55	59	54	60	56	60	55	-0.8	-1.2	-0.6	-0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0194	Residential	Ground	NW	57	53	57	52	58	53	58	53	-0.1	-0.3	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0194	Residential	Ground	SW	60	56	60	55	61	56	61	56	-0.3	-0.5	0	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0194	Residential	Ground	SE	59	54	59	54	60	55	60	55	0	-0.4	0.1	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0194	Residential	Ground	NE	59	54	58	53	60	55	59	55	-0.5	-0.8	-0.3	-0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0195	Residential	Ground	NW	58	53	58	53	58	54	59	54	0.2	-0.1	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0195	Residential	Ground	SW	61	56	61	56	61	57	61	57	-0.1	-0.4	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0195	Residential	Ground	SE	58	54	59	54	59	54	59	55	0.1	-0.3	0.2	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0195	Residential	Ground	NE	58	53	58	53	58	54	59	54	0.1	-0.1	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0196	Residential	Ground	NW	57	52	57	52	57	53	58	53	0.1	-0.1	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0196	Residential	Ground	SW	61	56	61	56	62	57	62	57	-0.3	-0.6	-0.1	-0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0196	Residential	Ground	SE	59	54	59	54	60	55	60	55	0	-0.4	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0196	Residential	Ground	NE	57	53	57	52	58	53	58	53	-0.1	-0.4	0.2	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0197	Residential	Ground	NW	57	52	57	52	58	53	58	53	0	-0.4	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0197	Residential	Ground	SW	61	57	61	56	62	57	62	57	-0.6	-1	-0.4	-0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0197	Residential	Ground	SE	59	54	59	54	59	55	59	55	-0.1	-0.4	0.1	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0197	Residential	Ground	NE	57	53	57	52	58	53	58	53	-0.2	-0.4	0	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0198	Residential	Ground	NW	57	52	57	52	57	53	58	53	-0.1	-0.4	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0198	Residential	Ground	SW	59	54	59	54	59	55	59	55	-0.2	-0.6	0	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0198	Residential	Ground	SE	58	54	58	53	59	54	59	54	-0.2	-0.5	0	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0198	Residential	Ground	NE	59	55	59	54	60	55	60	55	-0.1	-0.4	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0199	Residential	Ground	NW	58	53	58	53	59	54	59	54	-0.2	-0.6	0	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0199	Residential	Ground	SW	64	59	63	58	65	60	63	59	-1.4	-1.8	-1.2	-1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0199	Residential	Ground	SE	61	56	60	55	61	57	61	57	-0.2	-0.5	0	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0199	Residential	Ground	SE	60	56	60	55	61	56	61	56	-0.3	-0.6	-0.1	-0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0199	Residential	Ground	SE	59	54	58	53	59	55	59	55	-0.4	-0.7	-0.1	-0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0199	Residential	Ground	NE	58	54	58	53	59	54	59	54	-0.5	-0.8	-0.2	-0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0200	Residential	Ground	NW	57	53	57	52	58	53	58	54	-0.1	-0.4	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0200	Residential	Ground	SW	62	58	62	57	63	58	62	58	-0.9	-1.3	-0.7	-0.8	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0200	Residential	Ground	SE	59	55	59	54	60	55	60	55	-0.3	-0.5	0	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0200	Residential	Ground	NE	58	53	58	53	58	54	58	54	-0.3	-0.5	-0.1	-0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0201	Residential	Ground	NW	59	54	58	53	59	55	59	55	-0.5	-0.8	-0.2	-0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0201	Residential	Ground	SW	71	67	69	64	72	67	70	65	-2.4	-2.8	-2.1	-2.2	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0201	Residential	Ground	SE	72	68	70	65	73	68	71	66	-2.3	-2.7	-2	-2.1	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0201	Residential	Ground	NE	61	56	60	54	62	57	60	56	-1.5	-1.9	-1.3	-1.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0202	Residential	Ground	NW	58	54	58	53	59	54	59	54	-0.4	-0.6	-0.1	-0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0202	Residential	Ground	SW	61	56	60	55	61	57	60	56	-1.3	-1.6	-1	-1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0202	Residential	Ground	SE	62	57	61	56	63	58	62	57	-1.2	-1.5	-1	-1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0202	Residential	Ground	NE	64	59	62	57	64	60	63	59	-1.2	-1.5	-1	-0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0203	Residential	Ground	NW	61	57	60	55	62	57	61	56	-1.1	-1.4	-0.8	-0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0203	Residential	Ground	SW	72	67	69	64	72	67	70	65	-2.4	-2.7	-2.1	-2.2	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0203	Residential	Ground	SE	73	68	70	65	73	69	71	67	-2.4	-2.7	-2.1	-2.2	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0203	Residential	Ground	NE	69	64	67	62	69	64	68	63	-1.8	-2.2	-1.6	-1.6	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0204	Residential	Ground	W	71	67	70	65	72	67	71	66	-1.2	-1.6	-0.9	-0.9	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0204	Residential	Ground	S	75	71	74	69	76	71	74	70	-1.8	-2.2	-1.4	-1.5	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0204	Residential	Ground	E	72	68	70	65	73	68	71	66	-2	-2.3	-1.7	-1.7	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0204	Residential	Ground	N	60	55	59	54	60	55	60	55	-0.8	-1.1	-0.5	-0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0205	Residential	Ground	W	72	67	70	65	73	68	71	67	-1.7	-2	-1.4	-1.4	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0205	Residential	Ground	S	76	72	74	69	77	72	75	70	-2.2	-2.5	-1.7	-1.8	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0205	Residential	Ground	E	73	69	71	66	74	69	72	67	-2.4	-2.9	-2.1	-2.2	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0205	Residential	Ground	N	60	55	59	54	61	56	60	55	-0.8	-1.1	-0.5	-0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0206	Residential	Ground	NW	58	53	58	53	58	54	58	54	0	-0.3	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0206	Residential	Ground	SW	60	55	59	54	60	56	60	55	-0.7	-1	-0.4	-0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0206	Residential	Ground	SE	59	54	59	54	59	55	59	55	-0.2	-0.6	0.1	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0206	Residential	Ground	NE	60	55	59	54	60	56	60	55	-0.7	-1	-0.4	-0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0207	Residential	Ground	NW	58	53	57	52	58	54	58	54	-0.2	-0.5	0.1	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0207	Residential	Ground	SW	61	56	60	55	61	56	60	56	-1	-1.3	-0.7	-0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0207	Residential	Ground	SE	59	55	59	54	60	55	60	55	-0.3	-0.6	-0.1	-0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0207	Residential	Ground	NE	61	56	60	55	61	57	60	56	-0.9	-1.3	-0.7	-0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0208	Residential	Ground	NW	58	53	58	53	59	54	59	54	-0.3	-0.6	0	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0208	Residential	Ground	SW	62	57	61	56	63	58	62	57	-1.2	-1.5	-0.9	-0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0208	Residential	Ground	SE	60	56	60	55	61	56	61	56	-0.4	-0.7	-0.1	-0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0208	Residential	Ground	NE	62	57	60	55	62	58	61	57	-1.3	-1.6	-1.1	-1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0209	Residential	Ground	NW	59	54	58	53	59	55	59	54	-0.4	-0.7	-0.2	-0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0209	Residential	Ground	SW	64	59	63	58	65	60	63	59	-1.6	-1.9	-1.3	-1.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0209	Residential	Ground	SE	61	56	60	55	61	57	61	57	-0.5	-0.7	-0.2	-0.2	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0209	Residential	Ground	NE	63	59	62	57	64	59	62	58	-1.7	-2	-1.3	-1.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0210	Residential	Ground	NW	59	55	59	54	60	55	60	55	-0.5	-0.8	-0.2	-0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0210	Residential	Ground	SW	69	64	66	61	69	65	67	63	-2.4	-2.8	-2.1	-2.1	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0210	Residential	Ground	SE	73	69	71	66	74	69	72	67	-2.4	-2.7	-2	-2.1	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0210	Residential	Ground	NE	67	62	65	60	67	63	66	61	-2	-2.4	-1.8	-1.9	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0211	Residential	Ground	NW	60	55	59	54	61	56	60	56	-0.7	-1	-0.4	-0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0211	Residential	Ground	SW	74	69	72	67	74	70	73	68	-2.3	-2.7	-1.9	-2	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0211	Residential	Ground	SE	75	70	73	68	75	71	73	69	-2.4	-2.8	-2	-2.1	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0211	Residential	Ground	NE	70	65	67	62	70	66	68	64	-2.2	-2.6	-1.9	-2	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0212	Residential	Ground	NW	60	55	59	54	60	56	60	55	-0.6	-0.9	-0.3	-0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0212	Residential	Ground	SW	68	64	66	61	69	64	67	62	-2.2	-2.6	-1.9	-1.9	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0212	Residential	Ground	SE	63	59	62	57	64	59	63	59	-1	-1.4	-0.7	-0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0212	Residential	Ground	NE	64	60	63	57	65	60	63	59	-1.8	-2.2	-1.5	-1.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0213	Residential	Ground	NW	59	54	58	53	59	55	59	55	-0.4	-0.8	-0.1	-0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0213	Residential	Ground	SW	64	60	63	58	65	60	64	59	-1.4	-1.8	-1	-1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0213	Residential	Ground	SE	61	56	60	55	61	57	61	57	-0.5	-0.9	-0.2	-0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0213	Residential	Ground	NE	62	57	61	56	63	58	62	57	-1.3	-1.7	-1.1	-1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0214	Residential	Ground	NW	58	53	58	53	59	54	59	54	-0.3	-0.6	0	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0214	Residential	Ground	SW	63	58	62	57	63	59	63	58	-0.9	-1.2	-0.6	-0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0214	Residential	Ground	SE	60	55	60	55	61	56	61	56	-0.4	-0.7	-0.1	-0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0214	Residential	Ground	NE	61	56	59	54	61	56	60	56	-1.1	-1.4	-0.7	-0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0215	Residential	Ground	NW	57	52	57	52	58	53	58	53	0	-0.3	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0215	Residential	Ground	SW	59	55	59	54	60	55	60	56	0	-0.3	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0215	Residential	Ground	SE	59	54	59	54	59	55	60	55	0	-0.4	0.1	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0215	Residential	Ground	NE	59	54	59	54	59	55	60	55	0.1	-0.2	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0216	Residential	Ground	W	57	52	58	53	58	53	58	54	0.6	0.3	0.8	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0216	Residential	Ground	S	56	52	57	52	57	52	57	53	0.2	0	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0216	Residential	Ground	E	57	52	57	53	58	53	58	54	0.3	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0216	Residential	Ground	N	55	51	56	51	56	51	56	52	0.3	0.1	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0217	Residential	Ground	W	59	54	60	55	60	55	61	56	0.7	0.4	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0217	Residential	Ground	S	61	56	62	57	62	57	62	58	0.6	0.3	0.8	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0217	Residential	Ground	E	57	53	58	53	58	53	58	54	0.1	-0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0217	Residential	Ground	N	55	51	56	51	56	51	56	52	0.1	-0.1	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0218	Residential	Ground	N	54	50	54	50	55	50	55	51	0.1	-0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0218	Residential	Ground	W	57	52	57	52	57	53	58	53	0.3	0	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0218	Residential	Ground	S	57	52	57	52	57	52	58	53	0.2	0	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0218	Residential	Ground	E	57	52	57	53	58	53	58	54	0.3	0.1	0.5	0.6	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0218	Residential	Ground	N	55	50	55	50	56	51	56	51	0.1	-0.1	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0218	Residential	Ground	N	55	50	55	50	55	51	56	51	0.2	0	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0218	Residential	Ground	N	55	51	56	51	56	51	56	52	0.3	0.1	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0218	Residential	Ground	N	54	49	54	49	55	50	55	50	0.1	-0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0219	Residential	Ground	W	57	53	58	53	58	53	58	54	0.2	0	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0219	Residential	Ground	S	57	53	57	52	58	53	58	53	0.1	-0.2	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0219	Residential	Ground	E	59	55	60	55	60	55	60	56	0.2	-0.1	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0219	Residential	Ground	N	56	51	56	51	57	52	57	52	0	-0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0220	Residential	Ground	W	58	53	58	53	58	54	59	54	0.1	-0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0220	Residential	Ground	S	62	57	62	57	62	58	62	58	0	-0.3	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0220	Residential	Ground	E	60	55	60	55	60	56	61	56	-0.2	-0.5	0.1	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0220	Residential	Ground	N	56	51	56	51	57	52	57	52	-0.1	-0.3	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0221	Residential	Ground	NE	57	53	57	52	58	53	58	54	-0.1	-0.4	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0221	Residential	Ground	NW	57	53	57	52	58	53	58	54	0.1	-0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0221	Residential	Ground	SW	61	56	61	56	62	57	62	57	-0.2	-0.5	0	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0221	Residential	Ground	SE	61	56	61	56	61	57	62	57	0.1	-0.1	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0221	Residential	Ground	NE	58	53	58	53	58	54	58	54	-0.2	-0.5	0	-0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0222	Residential	Ground	NE	68	63	66	61	68	64	67	63	-1.6	-1.9	-1.2	-1.3	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0222	Residential	Ground	NW	59	55	59	54	60	55	60	55	-0.5	-0.8	-0.2	-0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0222	Residential	Ground	SW	68	63	66	61	69	64	67	62	-2.1	-2.5	-1.9	-1.9	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0222	Residential	Ground	SE	72	67	70	64	72	68	70	66	-2.2	-2.7	-2	-2.1	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0223	Residential	Ground	NE	65	60	64	59	65	61	65	60	-0.9	-1.2	-0.7	-0.7	60	55	YES	YES	NO	YES	YES
NCA04A	NCA04A.RES.0223	Residential	Ground	NW	57	53	57	52	58	53	58	54	-0.1	-0.4	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0223	Residential	Ground	SW	62	57	62	57	63	58	62	58	-0.5	-0.8	-0.3	-0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0223	Residential	Ground	SE	69	64	67	62	69	65	68	63	-1.7	-2	-1.3	-1.4	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0224	Residential	Ground	N	58	53	58	53	59	54	59	54	0.1	-0.2	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0224	Residential	Ground	W	58	53	58	53	59	54	59	55	0.2	-0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0224	Residential	Ground	S	62	58	62	57	63	58	63	58	0	-0.3	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0224	Residential	Ground	E	61	56	61	56	62	57	62	57	-0.2	-0.4	0	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0226	Residential	Ground	W	58	54	59	54	59	54	59	55	0.2	-0.1	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0226	Residential	Ground	S	59	54	59	54	60	55	60	55	0.2	-0.2	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0226	Residential	Ground	E	57	53	57	52	58	53	58	54	0.1	-0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0226	Residential	Ground	N	57	52	57	52	57	53	58	53	0.1	-0.2	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0227	Residential	Ground	W	58	53	58	53	58	54	59	54	0.2	-0.1	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0227	Residential	Ground	S	59	54	59	54	60	55	60	56	0.2	-0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0227	Residential	Ground	E	57	52	57	52	57	53	58	53	0.2	-0.1	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0227	Residential	Ground	N	57	52	57	52	57	53	58	53	0.1	-0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0228	Residential	Ground	N	57	52	57	52	57	53	58	53	0.2	0	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0228	Residential	Ground	N	56	51	56	51	56	52	57	52	0.1	-0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0228	Residential	Ground	N	56	52	56	52	57	52	57	53	0	-0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0228	Residential	Ground	W	57	53	57	52	58	53	58	54	0.2	-0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0228	Residential	Ground	S	58	53	58	53	59	54	59	55	0.2	-0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0228	Residential	Ground	E	57	52	57	52	57	52	57	53	0.1	-0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0228	Residential	Ground	N	56	51	56	51	56	51	56	52	0.2	-0.2	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0228	Residential	Ground	N	55	50	55	50	55	50	55	51	0.1	-0.1	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0229	Residential	Ground	W	57	52	57	52	57	53	58	53	0.1	-0.1	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0229	Residential	Ground	S	59	54	59	54	59	55	60	55	0.2	-0.2	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0229	Residential	Ground	E	57	52	57	52	57	53	58	53	0.2	0	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0229	Residential	Ground	N	56	52	56	51	57	52	57	53	0.1	-0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0230	Residential	Ground	W	58	53	58	53	58	54	59	54	0.2	0	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0230	Residential	Ground	S	60	56	60	56	61	56	61	57	0.2	0	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0230	Residential	Ground	E	57	53	58	53	58	53	58	54	0.2	-0.1	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0230	Residential	Ground	N	56	51	56	51	56	52	57	52	0.1	-0.2	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0231	Residential	Ground	W	57	53	58	53	58	53	58	54	0.2	-0.1	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0231	Residential	Ground	S	60	56	61	56	61	56	62	57	0.4	0.1	0.7	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0231	Residential	Ground	E	57	52	57	52	58	53	58	53	0.2	-0.1	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0231	Residential	Ground	N	56	51	56	51	57	52	57	52	0.1	-0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0232	Residential	Ground	W	59	54	59	54	59	55	60	55	0.4	0	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0232	Residential	Ground	S	58	54	58	53	59	54	59	55	0	-0.2	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0232	Residential	Ground	E	60	55	60	55	60	56	61	56	0.3	-0.1	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0232	Residential	Ground	N	57	52	57	52	57	53	58	53	0.1	-0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0233	Residential	Ground	W	60	56	61	56	61	56	62	57	0.3	-0.1	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0233	Residential	Ground	S	60	56	60	55	61	56	61	57	0.2	-0.2	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0233	Residential	Ground	E	60	56	61	56	61	56	62	57	0.3	0	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0233	Residential	Ground	N	57	52	57	52	57	53	58	53	0	-0.3	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0234	Residential	Ground	W	60	56	61	56	61	56	62	57	0.4	0.1	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0234	Residential	Ground	S	61	56	61	56	61	56	61	57	0.1	-0.3	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0234	Residential	Ground	E	59	54	59	54	59	55	59	55	0.1	-0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0234	Residential	Ground	N	57	52	57	52	57	53	58	53	0.1	-0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0235	Residential	Ground	W	59	54	60	55	60	55	60	56	0.6	0.2	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0235	Residential	Ground	S	60	56	61	56	61	56	61	57	0.3	0.1	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0235	Residential	Ground	E	58	53	58	53	58	54	59	54	0.3	0	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0235	Residential	Ground	N	56	52	56	52	57	52	57	53	0.2	-0.1	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0236	Residential	Ground	W	59	54	59	54	59	54	60	55	0.3	-0.1	0.6	0.7	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0236	Residential	Ground	S	60	56	61	56	61	56	62	57	0.5	0.2	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0236	Residential	Ground	E	57	52	57	52	57	53	58	53	0.2	0	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0236	Residential	Ground	N	56	52	57	52	57	52	57	53	0.2	0	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0237	Residential	Ground	W	63	58	63	58	63	59	64	59	0.1	-0.3	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0237	Residential	Ground	S	64	60	64	59	65	60	65	60	-0.2	-0.6	0.1	0.2	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0237	Residential	Ground	E	59	55	59	54	60	55	60	56	0	-0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0237	Residential	Ground	N	57	53	57	52	58	53	58	54	0	-0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0238	Residential	Ground	W	66	62	66	61	67	62	67	63	-0.2	-0.6	0.1	0.2	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0238	Residential	Ground	S	68	63	67	62	68	64	68	64	-0.4	-0.8	-0.1	0	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0238	Residential	Ground	E	62	57	62	57	62	58	62	58	0.1	-0.2	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0238	Residential	Ground	N	58	53	58	53	58	54	58	54	0	-0.4	0.2	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0292	Residential	Ground	NE	58	53	59	54	58	54	59	55	0.7	0.4	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0292	Residential	Ground	NE	56	52	57	52	57	52	58	53	0.5	0.3	0.8	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0292	Residential	Ground	NW	57	53	58	53	58	53	59	54	0.6	0.3	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0292	Residential	Ground	SW	60	55	60	55	60	56	61	57	0.4	0.1	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0292	Residential	Ground	SE	63	59	64	59	64	59	64	60	0.1	-0.2	0.4	0.6	60	55	NO	YES	NO	YES	YES
NCA04A	NCA04A.RES.0292	Residential	Ground	SW	63	59	63	59	64	59	64	60	0.1	-0.3	0.4	0.5	60	55	NO	YES	NO	YES	YES
NCA04A	NCA04A.RES.0292	Residential	Ground	SE	63	59	63	58	64	59	64	60	0.1	-0.2	0.4	0.6	60	55	NO	YES	NO	YES	YES
NCA04A	NCA04A.RES.0293	Residential	Ground	NW	58	53	58	53	59	54	59	55	0.3	0	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0293	Residential	Ground	SW	59	54	59	54	59	55	60	55	0.4	0.1	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0293	Residential	Ground	SE	65	60	65	60	65	61	65	61	-0.1	-0.5	0.2	0.3	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0293	Residential	Ground	NE	57	52	57	52	57	53	58	54	0.6	0.3	0.8	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0294	Residential	Ground	W	60	55	60	55	60	55	60	56	0	-0.3	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0294	Residential	Ground	S	67	62	67	62	67	63	67	63	-0.1	-0.5	0.3	0.4	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0294	Residential	Ground	E	66	61	65	60	66	62	66	62	-0.1	-0.5	0.1	0.4	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0294	Residential	Ground	N	57	52	57	52	57	53	58	53	0.5	0.2	0.8	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0295	Residential	Ground	E	58	53	58	53	59	54	59	55	0.4	0.1	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0295	Residential	Ground	N	56	51	56	51	56	52	57	52	0.3	0.1	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0295	Residential	Ground	W	60	56	60	55	61	56	61	57	0.1	-0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0295	Residential	Ground	S	60	56	60	55	61	56	61	57	0.1	-0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0295	Residential	Ground	W	60	56	60	55	61	56	61	57	0.1	-0.1	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0295	Residential	Ground	S	60	55	60	55	61	56	61	57	0.3	0	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0295	Residential	Ground	E	57	52	57	52	57	53	58	53	0.3	0	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0295	Residential	Ground	E	57	52	57	52	57	53	58	53	0.4	0.1	0.7	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0296	Residential	Ground	NW	58	54	59	54	59	54	60	55	0.3	0	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0296	Residential	Ground	SW	65	60	64	60	65	61	65	61	-0.4	-0.7	0	0.2	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0296	Residential	Ground	SE	63	59	63	58	64	59	64	60	-0.2	-0.5	0.2	0.4	60	55	NO	YES	NO	YES	YES

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0296	Residential	Ground	NE	57	52	57	52	57	53	58	53	0.1	-0.1	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0296	Residential	Ground	NE	56	51	56	51	57	52	57	53	0.1	-0.1	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0296	Residential	Ground	NE	56	52	57	52	57	52	57	53	0.2	-0.1	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0297	Residential	Ground	N	58	54	58	54	59	54	59	55	0.1	0	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0297	Residential	Ground	NW	59	54	59	54	59	54	60	55	0.1	0	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0297	Residential	Ground	NW	62	57	61	56	62	58	62	58	-0.7	-0.9	-0.4	-0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0297	Residential	Ground	SW	59	54	59	54	59	55	60	55	0.1	-0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0297	Residential	Ground	SE	68	63	67	62	68	64	68	64	-0.3	-0.6	0.1	0.3	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0297	Residential	Ground	E	64	60	64	59	65	60	65	61	0.1	-0.3	0.4	0.5	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0297	Residential	Ground	S	65	61	65	60	66	61	66	62	-0.1	-0.4	0.3	0.6	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0297	Residential	Ground	NE	63	58	63	58	63	59	64	59	0.2	-0.1	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0297	Residential	Ground	N	57	52	57	52	57	52	58	53	0.1	-0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0297	Residential	Ground	N	56	51	56	51	56	52	57	52	0.1	-0.1	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0298	Residential	Ground	NE	57	53	57	52	58	53	58	54	0.2	-0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0298	Residential	Ground	NW	56	52	56	51	57	52	57	53	0.1	-0.2	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0298	Residential	Ground	NE	56	52	57	52	57	52	57	53	0.1	-0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0298	Residential	Ground	NW	64	59	63	58	64	60	64	59	-0.7	-1	-0.5	-0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0298	Residential	Ground	SW	68	63	68	63	69	64	69	64	-0.4	-0.7	0	0.2	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0298	Residential	Ground	SW	68	63	68	63	69	64	69	64	-0.5	-0.8	-0.1	0.1	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0298	Residential	Ground	SW	68	63	68	63	69	64	69	64	-0.4	-0.7	0	0.2	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0298	Residential	Ground	SE	66	61	65	60	66	62	66	62	-0.5	-0.8	-0.2	0.1	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0300	Residential	Ground	N	56	51	56	51	56	52	57	52	0.4	0.2	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0300	Residential	Ground	W	57	52	58	53	58	53	59	54	0.6	0.4	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0300	Residential	Ground	N	57	52	57	52	57	52	58	53	0.4	0.3	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0300	Residential	Ground	W	60	55	60	56	60	55	61	57	0.9	0.7	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0300	Residential	Ground	S	60	56	61	56	61	56	62	57	0.6	0.4	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0300	Residential	Ground	E	61	56	61	56	62	57	62	58	0.1	-0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0301	Residential	Ground	W	60	55	60	55	60	55	61	57	0.8	0.6	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0301	Residential	Ground	S	61	57	62	57	62	57	63	58	0.6	0.3	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0301	Residential	Ground	E	60	55	60	55	60	56	61	56	0.3	0.1	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0301	Residential	Ground	N	56	51	56	51	57	52	57	53	0.3	0.1	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0302	Residential	Ground	W	60	56	61	56	61	56	61	57	0.2	-0.1	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0302	Residential	Ground	S	64	59	64	59	64	60	64	60	-0.3	-0.7	0	0.2	60	55	NO	YES	NO	YES	YES
NCA04A	NCA04A.RES.0302	Residential	Ground	E	59	55	60	55	60	55	61	56	0.5	0.2	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0302	Residential	Ground	N	54	49	55	50	55	50	55	51	0.5	0.4	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0303	Residential	Ground	N	57	52	57	52	57	52	58	53	0.1	-0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0303	Residential	Ground	W	60	55	61	56	61	56	61	57	0.6	0.4	0.9	1	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0303	Residential	Ground	W	60	55	60	55	60	55	61	56	0.6	0.4	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0303	Residential	Ground	W	60	55	60	55	60	56	61	57	0.4	0.2	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0303	Residential	Ground	S	61	57	61	56	62	57	62	58	-0.1	-0.4	0.1	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0303	Residential	Ground	E	64	59	64	59	64	60	65	60	0.1	-0.3	0.4	0.6	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0304	Residential	Ground	N	58	54	58	53	59	54	59	55	-0.1	-0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0304	Residential	Ground	W	63	59	64	59	64	59	64	60	0.2	0	0.3	0.6	60	55	NO	YES	NO	YES	YES
NCA04A	NCA04A.RES.0304	Residential	Ground	S	69	65	68	63	70	65	69	65	-1	-1.2	-0.6	-0.5	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0304	Residential	Ground	E	63	58	63	58	63	59	63	59	-0.3	-0.5	0	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0305	Residential	Ground	E	64	59	64	59	65	60	65	60	-0.3	-0.5	0	0.2	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0305	Residential	Ground	N	58	53	58	53	59	54	59	54	0.2	-0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0305	Residential	Ground	N	57	52	57	52	57	52	58	53	0	-0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0305	Residential	Ground	N	58	53	58	53	58	53	58	54	0.1	0	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0305	Residential	Ground	W	61	57	62	57	62	57	63	58	0.6	0.4	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0305	Residential	Ground	S	67	62	66	62	68	63	67	63	-0.6	-0.8	-0.3	-0.1	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0306	Residential	Ground	W	59	54	59	54	60	55	60	56	0.3	0	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0306	Residential	Ground	S	61	56	61	56	61	57	62	58	0.4	0.2	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0306	Residential	Ground	S	61	57	62	57	62	57	63	58	0.3	0	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0306	Residential	Ground	E	63	58	63	58	63	59	64	59	0	-0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0306	Residential	Ground	E	63	58	63	58	63	59	64	59	0	-0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0306	Residential	Ground	N	58	53	58	53	58	54	59	54	0.2	0.1	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0306	Residential	Ground	N	57	52	57	52	57	53	58	53	0.3	0.1	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0306	Residential	Ground	N	57	53	58	53	58	53	58	54	0.2	0.1	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0307	Residential	Ground	E	60	55	60	55	60	56	61	56	0.4	0.1	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0307	Residential	Ground	N	57	52	57	52	57	52	58	53	0.3	0.1	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0307	Residential	Ground	W	57	52	58	53	58	53	58	54	0.4	0.1	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0307	Residential	Ground	N	57	52	57	52	57	52	58	53	0.1	0	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0307	Residential	Ground	W	60	55	60	55	60	56	61	57	0.6	0.4	1	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0307	Residential	Ground	S	60	55	60	55	61	56	61	57	0.2	0.1	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0307	Residential	Ground	E	62	57	62	57	62	58	63	58	0.4	0.2	0.6	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0307	Residential	Ground	N	58	53	58	53	59	54	59	55	0.4	0.1	0.7	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0308	Residential	Ground	W	59	54	59	54	59	54	60	55	0.4	0.3	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0308	Residential	Ground	S	59	55	60	55	60	55	61	56	0.3	0.2	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0308	Residential	Ground	E	61	56	62	57	62	57	62	58	0.5	0.4	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0308	Residential	Ground	N	56	51	57	52	57	52	57	53	0.4	0.3	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0309	Residential	Ground	W	60	55	61	56	61	56	62	57	1	0.9	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0309	Residential	Ground	S	61	57	62	57	62	57	63	58	0.6	0.4	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0309	Residential	Ground	E	60	55	61	56	60	56	61	57	0.6	0.4	1	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0309	Residential	Ground	S	60	56	61	56	61	56	62	58	0.8	0.6	1	1.2	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0309	Residential	Ground	E	59	55	60	55	60	55	61	56	0.7	0.4	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0309	Residential	Ground	N	56	51	57	52	57	52	57	53	0.4	0.2	0.7	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0309	Residential	Ground	E	56	51	56	52	57	52	57	53	0.4	0.3	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0309	Residential	Ground	N	57	52	57	52	57	52	58	53	0.2	0.1	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0310	Residential	Ground	W	59	55	60	56	60	55	61	57	1.1	1	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0310	Residential	Ground	S	59	54	59	55	60	55	60	56	0.4	0.2	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0310	Residential	Ground	E	59	54	59	54	59	55	60	56	0.7	0.5	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0310	Residential	Ground	N	56	52	57	52	57	52	57	53	0.3	0.2	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0311	Residential	Ground	W	61	56	62	57	62	57	63	58	0.8	0.6	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0311	Residential	Ground	S	60	55	60	55	60	56	61	56	0.2	0	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0311	Residential	Ground	E	60	55	60	55	60	56	61	56	0.6	0.3	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0311	Residential	Ground	N	57	53	58	53	58	53	58	54	0.2	0	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0312	Residential	Ground	N	58	53	58	53	58	54	59	54	0.1	-0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0312	Residential	Ground	W	62	57	62	57	62	57	63	59	0.7	0.5	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0312	Residential	Ground	S	61	56	61	57	62	57	62	58	0.3	0.1	0.5	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0312	Residential	Ground	E	61	56	61	56	61	57	62	57	0.5	0.3	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0312	Residential	Ground	E	61	56	61	56	61	57	62	57	0.4	0.3	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0312	Residential	Ground	E	63	58	63	58	64	59	64	59	-0.1	-0.3	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0312	Residential	Ground	N	58	53	58	53	59	54	59	54	0.1	-0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0312	Residential	Ground	N	57	52	57	52	58	53	58	53	0	-0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0313	Residential	Ground	N	59	54	59	54	59	55	60	55	0.1	-0.1	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0313	Residential	Ground	N	58	53	58	53	59	54	59	55	0.1	-0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0313	Residential	Ground	N	59	54	59	54	59	55	60	55	0.1	-0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0313	Residential	Ground	W	62	57	63	58	63	58	63	59	0.5	0.3	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0313	Residential	Ground	S	65	60	64	59	65	60	65	61	-0.2	-0.4	0.2	0.3	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0313	Residential	Ground	S	64	59	64	59	64	59	65	60	0.2	0	0.5	0.7	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0313	Residential	Ground	E	62	58	63	58	63	58	64	59	0.2	0	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0314	Residential	Ground	N	60	55	60	55	60	55	61	56	-0.1	-0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0314	Residential	Ground	W	63	59	64	59	64	59	65	60	0.3	0.2	0.6	0.8	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0314	Residential	Ground	S	65	60	65	60	65	61	65	61	-0.2	-0.5	0	0.1	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0314	Residential	Ground	E	64	60	64	59	65	60	65	61	0	-0.2	0.4	0.4	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0315	Residential	Ground	N	64	59	63	58	64	60	64	59	-0.7	-0.9	-0.2	-0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0315	Residential	Ground	W	64	59	64	59	65	60	65	60	0	-0.1	0.3	0.4	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0315	Residential	Ground	S	66	61	65	61	66	61	66	62	-0.1	-0.1	0.1	0.3	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0315	Residential	Ground	E	65	60	65	60	66	61	65	61	-0.4	-0.6	-0.1	0	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0316	Residential	Ground	W	64	59	64	59	65	60	65	60	0	-0.1	0.3	0.4	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0316	Residential	Ground	S	65	60	65	60	66	61	66	61	0.1	0.1	0.4	0.6	60	55	YES	YES	YES	YES	YES

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0316	Residential	Ground	E	64	59	64	59	65	60	65	60	-0.1	-0.1	0.3	0.3	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0316	Residential	Ground	N	62	57	62	57	62	57	62	58	-0.2	-0.2	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0316	Residential	Ground	E	62	57	62	57	62	58	62	58	-0.1	-0.3	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0316	Residential	Ground	N	62	57	62	57	62	58	63	58	0	-0.2	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0316	Residential	Ground	E	62	57	62	57	62	58	63	58	-0.1	-0.2	0.2	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0316	Residential	Ground	N	62	57	61	56	62	57	62	57	-0.2	-0.2	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0317	Residential	Ground	N	60	55	60	55	60	55	60	56	0	-0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0317	Residential	Ground	W	60	55	60	55	61	56	61	56	-0.1	-0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0317	Residential	Ground	N	59	54	59	54	60	55	60	55	-0.1	-0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0317	Residential	Ground	W	63	59	63	58	64	59	64	60	0.1	-0.1	0.4	0.6	60	55	NO	YES	NO	YES	YES
NCA04A	NCA04A.RES.0317	Residential	Ground	S	64	59	64	59	64	60	65	60	0	-0.1	0.3	0.5	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0317	Residential	Ground	E	64	59	64	59	64	60	65	60	0.2	0	0.6	0.6	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0318	Residential	Ground	W	61	56	61	57	62	57	62	58	0.2	0.1	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0318	Residential	Ground	S	62	57	62	57	62	58	63	58	0	-0.1	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0318	Residential	Ground	E	63	58	63	58	63	59	64	59	0.5	0.3	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0318	Residential	Ground	E	61	56	61	56	62	57	62	58	0.3	0.1	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0318	Residential	Ground	E	62	58	63	58	63	58	63	59	0.3	0.2	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0318	Residential	Ground	N	59	54	59	54	59	54	60	55	0.1	-0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0318	Residential	Ground	E	62	58	63	58	63	58	63	59	0.3	0.2	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0318	Residential	Ground	N	59	54	59	54	59	54	60	55	0.1	-0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0319	Residential	Ground	N	58	53	58	53	58	53	59	54	0.2	0	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0319	Residential	Ground	N	57	52	57	52	57	53	58	53	0.1	0.1	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0319	Residential	Ground	N	57	52	57	52	58	53	58	53	0.1	0	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0319	Residential	Ground	W	60	55	60	55	61	56	61	56	0.2	0	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0319	Residential	Ground	S	60	56	61	56	61	56	61	57	0.2	0	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0319	Residential	Ground	E	62	57	62	58	63	58	63	59	0.5	0.3	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0319	Residential	Ground	N	59	54	59	54	59	55	60	55	0.2	0	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0319	Residential	Ground	E	60	55	61	56	61	56	62	57	0.4	0.3	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0320	Residential	Ground	W	60	55	60	56	60	56	61	57	0.5	0.4	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0320	Residential	Ground	S	62	57	62	58	62	58	63	59	0.7	0.5	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0320	Residential	Ground	E	61	56	61	57	61	57	62	58	0.8	0.7	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0320	Residential	Ground	N	57	52	57	52	57	53	58	53	0.3	0.1	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0325	Residential	Ground	W	62	57	63	58	62	57	63	59	0.8	0.8	1.1	1.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0325	Residential	Ground	S	63	58	63	59	63	58	64	60	0.8	0.8	1.1	1.4	60	55	NO	YES	NO	NO	YES
NCA04A	NCA04A.RES.0325	Residential	Ground	E	58	53	59	54	59	54	60	55	0.5	0.4	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0325	Residential	Ground	N	56	51	56	51	56	51	57	52	0.2	0.2	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0325	Residential	Ground	N	55	50	56	51	56	51	56	52	0.3	0.2	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0325	Residential	Ground	E	56	51	56	51	56	52	57	52	0.4	0.2	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0325	Residential	Ground	N	56	51	56	51	56	52	57	52	0.3	0.2	0.6	0.7	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0325	Residential	Ground	N	59	54	59	54	59	54	59	54	-0.2	-0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0326	Residential	Ground	NW	59	54	59	54	60	55	60	55	0.1	0.1	0.4	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0326	Residential	Ground	NW	58	53	58	54	59	54	59	54	0.1	0.1	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0326	Residential	Ground	NW	58	54	59	54	59	54	59	55	0.2	0.2	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0326	Residential	Ground	SW	60	56	61	57	61	56	62	58	1	0.9	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0326	Residential	Ground	SE	60	55	61	56	60	56	62	57	1.1	1.1	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0326	Residential	Ground	NE	56	51	56	51	57	52	57	53	0.4	0.3	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0327	Residential	Ground	N	60	55	60	55	61	56	61	56	-0.2	-0.1	0.2	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0327	Residential	Ground	W	61	56	61	56	61	57	62	57	0.4	0.3	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0327	Residential	Ground	S	62	57	63	58	63	58	64	59	0.8	0.7	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0327	Residential	Ground	S	61	56	62	57	62	57	63	58	1	0.8	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0327	Residential	Ground	S	61	57	62	57	62	57	63	59	1	0.7	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0327	Residential	Ground	E	61	56	62	57	61	57	62	58	1.1	0.8	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0327	Residential	Ground	S	61	56	62	57	62	57	63	58	1	0.8	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0327	Residential	Ground	E	60	55	60	56	60	55	61	57	0.9	0.8	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0328	Residential	Ground	NE	58	53	58	53	59	54	59	55	0.3	0.2	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0328	Residential	Ground	NW	62	57	62	57	62	57	63	58	0.3	0.3	0.6	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0328	Residential	Ground	SW	62	57	62	57	63	58	63	58	0	0	0.3	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0328	Residential	Ground	NW	62	57	62	57	62	57	62	58	-0.1	0	0.2	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0328	Residential	Ground	SW	62	57	62	57	62	57	63	58	0.4	0.3	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0328	Residential	Ground	SE	62	57	62	57	62	57	63	58	0.6	0.5	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0328	Residential	Ground	SW	61	57	62	57	62	57	63	58	0.7	0.5	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0328	Residential	Ground	SE	61	57	62	57	62	57	63	59	0.7	0.6	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0329	Residential	Ground	N	59	54	59	54	59	54	59	55	-0.1	0	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0329	Residential	Ground	W	65	60	65	60	65	60	66	61	0.5	0.6	0.9	1.2	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0329	Residential	Ground	S	65	60	65	60	65	60	66	61	0.6	0.6	0.9	1.2	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0329	Residential	Ground	W	65	60	65	60	65	60	66	61	0.4	0.4	0.8	1.1	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0329	Residential	Ground	S	64	60	65	60	65	60	66	61	0.5	0.5	0.9	1.1	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0329	Residential	Ground	E	61	57	62	57	62	57	63	58	0.4	0.3	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0330	Residential	Ground	NW	63	59	63	59	64	59	64	60	0	0	0.4	0.7	60	55	NO	YES	NO	NO	YES
NCA04A	NCA04A.RES.0330	Residential	Ground	SW	64	59	64	59	64	60	65	60	0.1	0	0.4	0.7	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0330	Residential	Ground	NW	64	59	64	59	64	59	65	60	-0.1	-0.2	0.3	0.5	60	55	YES	YES	NO	YES	YES
NCA04A	NCA04A.RES.0330	Residential	Ground	SW	67	62	67	62	67	62	67	63	0	0	0.3	0.6	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0330	Residential	Ground	SE	63	58	63	58	63	59	64	59	0.2	0.2	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0330	Residential	Ground	NE	60	56	60	56	61	56	61	57	0	-0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0330	Residential	Ground	NE	60	55	60	55	60	56	61	56	0	-0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0330	Residential	Ground	NE	60	56	60	56	61	56	61	57	0.1	0	0.4	0.4	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0331	Residential	Ground	N	60	55	60	55	61	56	61	56	-0.1	-0.1	0.2	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0331	Residential	Ground	N	60	55	59	54	60	55	60	55	-0.2	-0.2	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0331	Residential	Ground	N	60	55	60	55	60	55	61	56	-0.1	-0.2	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0331	Residential	Ground	W	62	57	62	57	62	57	62	58	-0.1	-0.2	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0331	Residential	Ground	S	65	60	65	60	65	60	66	61	0.3	0.2	0.6	0.8	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0331	Residential	Ground	E	61	56	61	56	62	57	62	58	0.1	0.1	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0332	Residential	Ground	W	61	56	61	56	62	57	62	57	0.2	0	0.4	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0332	Residential	Ground	W	64	59	64	59	64	60	65	60	0.3	0.2	0.5	0.7	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0332	Residential	Ground	W	64	59	64	60	65	60	65	61	0.2	0.2	0.6	0.7	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0332	Residential	Ground	S	65	60	65	60	65	60	66	61	0.1	0.1	0.5	0.7	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0332	Residential	Ground	E	63	58	63	58	63	59	64	59	0	0	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0332	Residential	Ground	S	63	58	63	58	63	59	64	59	0.1	-0.1	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0332	Residential	Ground	E	62	57	62	57	62	58	63	58	0	-0.1	0.2	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0332	Residential	Ground	N	60	55	60	55	60	55	61	56	0	-0.2	0.2	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0332	Residential	Ground	E	60	55	60	55	60	55	61	56	0	-0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0332	Residential	Ground	N	61	56	60	56	61	56	61	57	-0.1	-0.1	0.2	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0333	Residential	Ground	NW	59	55	60	55	60	55	61	56	0.6	0.5	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0333	Residential	Ground	SW	62	57	63	58	62	58	64	59	1	0.8	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0333	Residential	Ground	SE	61	56	62	57	62	57	63	59	1.1	1	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0333	Residential	Ground	SW	62	57	63	58	62	57	63	59	0.9	0.8	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0333	Residential	Ground	SE	60	55	61	56	61	56	62	57	0.9	0.8	1.1	1.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0333	Residential	Ground	NE	57	52	58	53	58	53	58	54	0.4	0.2	0.7	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0334	Residential	Ground	W	62	57	62	58	62	57	63	59	0.7	0.7	1	1.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0334	Residential	Ground	S	62	58	63	58	63	58	64	60	0.9	0.7	1.2	1.3	60	55	NO	YES	NO	YES	YES
NCA04A	NCA04A.RES.0334	Residential	Ground	E	60	55	61	56	60	56	61	57	0.7	0.6	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0334	Residential	Ground	N	57	52	57	52	58	53	58	53	0.1	0.1	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0334	Residential	Ground	E	57	52	57	52	57	52	58	53	0.1	0.1	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0334	Residential	Ground	N	59	54	59	54	59	54	60	55	0.2	0.2	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0335	Residential	Ground	W	62	57	62	57	63	58	63	58	0	0	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0335	Residential	Ground	W	63	58	63	58	64	59	64	59	-0.1	-0.1	0.2	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0335	Residential	Ground	S	65	60	65	60	65	61	66	61	0	0	0.4	0.5	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0335	Residential	Ground	E	64	59	64	59	64	60	65	60	0.1	0.1	0.4	0.6	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0335	Residential	Ground	S	64	59	64	59	65	60	65	60	0.1	0	0.4	0.6	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0335	Residential	Ground	S	64	59	64	59	64	59	64	60	0.1	0.1	0.3	0.5	60	55	NO	YES	NO	YES	YES
NCA04A	NCA04A.RES.0335	Residential	Ground	S	64	59	64	59	64	59	65	60	0	0	0.4	0.6	60	55	YES	YES	NO	YES	YES
NCA04A	NCA04A.RES.0335	Residential	Ground	E	62	57	62	57	63	58	63	59	0	0	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0335	Residential	Ground	N	60	55	60	55	60	56	61	56	-0.1	-0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0335	Residential	Ground	N	59	55	59	54	60	55	60	55	-0.1	-0.1	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0335	Residential	Ground	N	60	55	60	55	61	56	61	56	-0.1	-0.2	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0336	Residential	Ground	W	63	58	63	58	64	59	64	59	0	-0.1	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0336	Residential	Ground	W	64	59	64	59	65	60	65	60	0.1	0.1	0.4	0.7	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0336	Residential	Ground	S	65	60	66	61	66	61	66	62	0.3	0.2	0.6	0.7	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0336	Residential	Ground	S	65	60	65	60	66	61	66	62	0.2	0.1	0.5	0.6	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0336	Residential	Ground	E	64	59	64	59	64	60	65	60	0.1	0	0.4	0.6	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0336	Residential	Ground	E	63	58	63	58	64	59	64	60	0.1	0	0.4	0.5	60	55	NO	YES	NO	YES	YES
NCA04A	NCA04A.RES.0336	Residential	Ground	E	63	58	63	58	63	58	64	59	0.1	0.1	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0336	Residential	Ground	N	60	55	60	55	60	56	61	56	-0.1	-0.2	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0336	Residential	Ground	E	60	55	60	55	60	55	60	56	-0.1	-0.2	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0336	Residential	Ground	N	60	55	60	55	60	56	61	56	-0.1	-0.2	0.2	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0336	Residential	Ground	E	60	55	60	55	60	55	61	56	-0.1	-0.2	0.2	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0336	Residential	Ground	N	61	56	60	56	61	56	61	57	-0.2	-0.2	0.1	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0337	Residential	Ground	N	61	56	61	56	61	57	62	57	-0.2	-0.2	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0337	Residential	Ground	N	61	56	61	56	61	56	61	57	-0.2	-0.2	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0337	Residential	Ground	N	61	56	61	56	61	56	61	57	-0.2	-0.3	0.1	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0337	Residential	Ground	W	64	59	64	59	64	59	65	60	0.1	0	0.4	0.6	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0337	Residential	Ground	S	65	60	65	60	66	61	66	61	0.2	0.1	0.5	0.6	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0337	Residential	Ground	E	63	58	63	58	63	58	64	59	0.2	0.1	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0338	Residential	Ground	N	60	55	60	55	60	55	60	56	0	-0.2	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0338	Residential	Ground	W	61	57	62	57	62	57	62	58	0.1	0	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0338	Residential	Ground	W	61	56	61	56	61	56	61	57	0	0	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0338	Residential	Ground	W	62	58	63	58	63	58	63	59	0.2	0.1	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0338	Residential	Ground	W	62	58	62	57	63	58	63	59	0.1	-0.1	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0338	Residential	Ground	W	63	58	63	58	63	58	64	59	0.2	0	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0338	Residential	Ground	S	64	60	65	60	65	60	66	61	0.4	0.2	0.6	0.7	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0338	Residential	Ground	E	62	57	63	58	63	58	63	59	0.4	0.3	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0338	Residential	Ground	N	59	54	59	54	60	55	60	55	0.1	-0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0339	Residential	Ground	N	59	54	59	54	59	54	60	55	0.2	0.1	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0339	Residential	Ground	W	62	57	63	58	63	58	63	59	0.6	0.4	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0339	Residential	Ground	S	62	58	63	58	63	58	64	59	0.4	0.4	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0339	Residential	Ground	W	62	57	63	58	63	58	63	59	0.5	0.3	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0339	Residential	Ground	S	61	57	62	57	62	57	62	58	0.1	0	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0339	Residential	Ground	E	60	55	60	55	60	56	61	56	0.2	0.1	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0340	Residential	Ground	N	58	53	58	53	59	54	59	54	0.1	0	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0340	Residential	Ground	W	59	54	59	54	59	54	60	55	0.1	0	0.4	0.6	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0340	Residential	Ground	N	59	54	59	54	59	54	60	55	0.1	0.1	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0340	Residential	Ground	W	62	57	62	58	62	58	63	59	0.7	0.6	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0340	Residential	Ground	S	59	55	60	55	60	55	60	56	0.1	0.1	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0340	Residential	Ground	E	60	55	60	55	60	56	61	57	0.7	0.4	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0341	Residential	Ground	W	59	54	59	54	59	55	60	56	0.6	0.4	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0341	Residential	Ground	W	59	54	60	55	60	55	61	56	0.7	0.5	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0341	Residential	Ground	S	61	56	61	56	61	56	62	57	0.5	0.4	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0341	Residential	Ground	E	60	55	61	56	61	56	62	57	0.8	0.6	1	1.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0341	Residential	Ground	S	60	56	61	56	61	56	62	58	0.8	0.6	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0341	Residential	Ground	E	60	56	61	56	61	56	62	58	1	0.8	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0341	Residential	Ground	E	60	55	61	56	61	56	62	57	1	0.7	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0341	Residential	Ground	E	60	55	61	56	61	56	62	57	1	0.8	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0341	Residential	Ground	N	56	52	57	52	57	52	57	53	0.3	0.1	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0342	Residential	Ground	N	55	50	55	50	55	50	55	51	0.1	0	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0342	Residential	Ground	W	60	56	62	57	61	56	62	58	1.1	0.9	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0342	Residential	Ground	S	61	56	62	57	62	57	63	58	0.7	0.6	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0342	Residential	Ground	W	61	56	61	57	61	56	62	58	0.7	0.6	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0342	Residential	Ground	S	60	56	61	56	61	56	61	57	0.3	0.1	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0342	Residential	Ground	E	59	54	60	55	60	55	61	56	0.9	0.6	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0342	Residential	Ground	N	55	50	55	50	55	51	56	51	0.3	0	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0342	Residential	Ground	E	57	52	58	53	57	53	58	54	0.7	0.5	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0343	Residential	Ground	N	57	52	57	52	57	53	58	53	0.2	0.1	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0343	Residential	Ground	W	59	54	60	55	60	55	61	56	0.9	0.9	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0343	Residential	Ground	N	58	53	59	54	59	54	60	55	0.5	0.5	0.8	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0343	Residential	Ground	W	60	55	61	56	61	56	62	57	1.1	1.1	1.4	1.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0343	Residential	Ground	S	55	50	55	50	55	51	56	51	0	0	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0343	Residential	Ground	N	57	52	57	53	58	53	58	54	0.2	0.1	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0343	Residential	Ground	W	57	52	57	52	57	53	58	53	0.1	0	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0344	Residential	Ground	W	60	55	61	56	60	55	62	57	1.1	1.1	1.3	1.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0344	Residential	Ground	S	60	55	61	56	60	56	62	57	1	0.9	1.3	1.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0344	Residential	Ground	W	60	55	61	56	60	55	61	57	1	0.9	1.3	1.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0344	Residential	Ground	S	59	54	60	55	60	55	60	56	0.5	0.4	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0344	Residential	Ground	E	58	53	58	53	58	54	59	54	0.4	0.3	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0344	Residential	Ground	N	56	52	57	52	57	52	57	53	0.2	0.1	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0345	Residential	Ground	N	56	51	56	51	56	52	57	52	0.4	0.3	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0345	Residential	Ground	W	58	53	59	54	59	54	60	55	0.7	0.5	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0345	Residential	Ground	W	59	54	59	55	59	54	60	56	0.7	0.7	1	1.2	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0345	Residential	Ground	S	60	55	60	56	60	56	61	57	0.6	0.5	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0345	Residential	Ground	E	58	54	59	54	59	54	60	55	0.8	0.6	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0345	Residential	Ground	S	58	54	59	54	59	54	60	55	0.9	0.7	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0345	Residential	Ground	E	59	54	59	55	59	54	60	56	0.9	0.7	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0346	Residential	Ground	N	56	51	56	51	57	52	57	53	0.4	0.2	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0346	Residential	Ground	W	58	53	59	54	58	54	59	55	0.6	0.5	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0346	Residential	Ground	S	58	54	59	54	59	54	60	55	0.3	0.2	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0346	Residential	Ground	E	59	55	61	56	60	55	61	57	1.1	0.8	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0347	Residential	Ground	W	59	55	60	56	60	55	61	57	0.9	0.8	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0347	Residential	Ground	S	60	55	61	56	61	56	61	57	0.3	0.3	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0347	Residential	Ground	E	59	54	60	55	59	55	61	56	1.1	0.9	1.2	1.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0347	Residential	Ground	N	56	52	57	52	57	52	57	53	0.2	0.2	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0348	Residential	Ground	W	60	56	61	56	61	56	62	57	0.6	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0348	Residential	Ground	S	62	57	63	58	62	57	63	59	1	0.8	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0348	Residential	Ground	E	59	54	60	55	60	55	61	57	1.1	1	1.3	1.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0348	Residential	Ground	N	58	53	58	53	59	54	59	54	0.1	0.1	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0350	Residential	Ground	N	58	53	58	53	58	53	59	54	0.3	0.3	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0350	Residential	Ground	E	58	53	59	54	59	54	60	55	0.4	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0350	Residential	Ground	N	58	53	58	53	58	53	59	54	0.1	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0350	Residential	Ground	W	58	52	58	53	58	53	58	53	0	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0350	Residential	Ground	S	68	63	68	63	68	63	69	64	0.3	0.3	0.7	1	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0350	Residential	Ground	S	67	62	68	63	67	62	68	63	0.4	0.4	0.8	1	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0350	Residential	Ground	E	64	59	65	60	64	59	66	61	1	0.9	1.3	1.6	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0350	Residential	Ground	S	64	59	65	60	64	59	65	60	1	1	1.4	1.5	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0350	Residential	Ground	E	63	58	64	59	63	58	65	60	1	1.1	1.4	1.6	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0351	Residential	Ground	SW	64	59	64	59	65	59	65	59	-0.2	-0.1	0	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0351	Residential	Ground	SE	60	54	60	54	61	55	60	55	-0.2	-0.1	-0.1	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0351	Residential	Ground	NE	56	51	56	51	56	51	57	51	0.1	0.2	0.2	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0351	Residential	Ground	NW	55	49	55	49	55	50	55	50	0	0.1	0.1	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0351	Residential	Ground	NE	55	49	55	50	55	50	56	50	0.1	0.2	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0351	Residential	Ground	NW	55	49	55	49	55	50	55	50	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0351	Residential	Ground	NE	55	49	55	50	55	50	56	50	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0351	Residential	Ground	NW	62	56	62	56	62	57	62	57	-0.2	-0.1	-0.1	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0352	Residential	Ground	SW	65	59	65	59	65	60	65	60	-0.2	-0.1	-0.1	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0352	Residential	Ground	SE	60	55	60	55	61	55	61	55	-0.2	0	0	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0352	Residential	Ground	NE	56	50	56	51	56	51	56	51	0	0.2	0.2	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0352	Residential	Ground	NE	55	49	55	49	55	50	55	50	0	0.2	0.2	0.3	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0352	Residential	Ground	NE	55	49	55	50	55	50	56	50	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0352	Residential	Ground	NW	55	49	55	49	55	50	55	50	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0352	Residential	Ground	NE	55	49	55	50	55	50	56	50	0	0.1	0.2	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0352	Residential	Ground	NW	61	56	61	55	62	56	62	56	-0.3	-0.1	-0.2	-0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0353	Residential	Ground	SW	65	59	65	59	65	60	65	60	-0.2	-0.1	0	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0353	Residential	Ground	SE	60	55	60	55	61	55	61	55	-0.2	0.1	0	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0353	Residential	Ground	NE	56	50	56	51	56	51	57	51	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0353	Residential	Ground	NW	61	55	61	55	61	56	61	56	-0.2	-0.1	-0.2	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0354	Residential	Ground	N	58	52	58	52	58	52	58	53	0	0.1	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0354	Residential	Ground	E	55	49	55	50	55	50	56	50	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0354	Residential	Ground	N	59	53	59	53	59	54	59	54	-0.1	0	0	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0354	Residential	Ground	W	59	54	59	54	60	54	60	54	-0.1	0	0	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0354	Residential	Ground	N	59	53	59	53	59	54	59	54	-0.1	0	0	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0354	Residential	Ground	W	61	55	61	55	61	56	61	56	-0.1	0	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0354	Residential	Ground	S	59	54	59	54	60	54	60	54	-0.1	0	0.1	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0354	Residential	Ground	S	57	52	57	52	58	52	58	52	-0.1	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0354	Residential	Ground	S	56	51	56	51	56	51	57	51	0	0.1	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0354	Residential	Ground	E	54	48	54	49	54	49	55	49	0.2	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0355	Residential	Ground	N	56	51	56	51	57	51	57	51	-0.1	0	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0355	Residential	Ground	W	58	53	58	53	59	53	59	54	0	0	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0355	Residential	Ground	N	58	53	58	53	59	53	59	53	-0.1	0	0.1	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0355	Residential	Ground	W	60	54	60	54	60	55	60	55	-0.1	0	0.1	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0355	Residential	Ground	W	59	54	59	54	60	54	60	54	-0.1	0	0.1	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0355	Residential	Ground	W	60	55	60	55	61	55	61	55	-0.1	0	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0355	Residential	Ground	S	58	53	58	53	58	53	59	53	0	0	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0355	Residential	Ground	E	54	49	54	49	54	49	55	50	0.2	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0355	Residential	Ground	N	53	47	53	48	53	48	54	48	0	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0355	Residential	Ground	E	53	48	53	48	54	48	54	49	0.1	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0356	Residential	Ground	NW	63	58	64	58	64	58	64	59	0.1	0.2	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0356	Residential	Ground	SW	67	62	67	62	68	62	68	62	-0.1	0.1	0.1	0.2	60	55	YES	YES	NO	NO	YES
NCA04A	NCA04A.RES.0356	Residential	Ground	SE	61	56	62	56	62	57	62	57	0.1	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0356	Residential	Ground	NE	57	52	57	52	58	52	58	53	0	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0357	Residential	Ground	NW	66	60	66	60	66	60	66	61	0	0	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0357	Residential	Ground	SW	70	64	69	64	70	64	70	64	-0.3	-0.1	0	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0357	Residential	Ground	SE	64	59	64	59	64	59	65	59	0	0	0.2	0.4	60	55	YES	NO	NO	NO	YES
NCA04A	NCA04A.RES.0357	Residential	Ground	NE	57	52	57	52	57	52	58	52	0	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0358	Residential	Ground	NW	64	58	64	58	64	59	64	59	-0.1	0.1	0.1	0.2	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0358	Residential	Ground	SW	69	63	69	63	69	64	70	64	-0.2	0	0.1	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0358	Residential	Ground	SE	63	58	63	58	64	58	64	59	0	0	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0358	Residential	Ground	NE	57	51	57	51	57	52	57	52	0.1	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0359	Residential	Ground	NW	64	58	64	58	64	59	64	59	-0.3	-0.1	-0.1	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0359	Residential	Ground	SW	70	64	69	64	70	65	70	65	-0.3	-0.1	-0.1	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0359	Residential	Ground	SE	63	58	63	58	64	58	64	59	-0.1	0	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0359	Residential	Ground	NE	57	51	57	52	57	52	58	52	0.1	0.1	0.2	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0360	Residential	Ground	NW	58	53	58	53	59	53	59	53	-0.2	-0.1	-0.1	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0360	Residential	Ground	SW	66	60	65	60	66	61	66	61	-0.2	0	0	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0360	Residential	Ground	SE	64	58	63	58	64	59	64	59	-0.2	0	-0.1	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0360	Residential	Ground	NE	54	48	54	49	54	49	55	49	0.1	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0361	Residential	Ground	SW	67	62	67	61	68	62	68	62	-0.4	-0.2	-0.2	-0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0361	Residential	Ground	SE	62	57	62	57	63	57	63	57	-0.2	-0.1	-0.1	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0361	Residential	Ground	NE	55	50	55	50	56	50	56	51	-0.1	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0361	Residential	Ground	NW	62	56	61	56	62	56	62	56	-0.3	-0.2	-0.2	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0362	Residential	Ground	W	60	55	60	55	61	55	61	56	0	0	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0362	Residential	Ground	W	60	55	60	55	61	55	61	56	-0.1	0.1	0.1	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0362	Residential	Ground	S	59	54	59	54	60	54	60	55	0	0.1	0.2	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0362	Residential	Ground	W	60	55	60	55	61	55	61	55	-0.1	0.1	0.1	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0362	Residential	Ground	S	53	48	53	48	54	48	54	49	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0362	Residential	Ground	E	55	49	55	50	55	50	55	50	0.2	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0362	Residential	Ground	N	54	48	54	49	54	49	54	49	0.1	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0362	Residential	Ground	E	54	49	54	49	54	49	55	50	0.2	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0362	Residential	Ground	N	55	50	55	50	56	50	56	51	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0363	Residential	Ground	W	61	55	61	55	61	56	61	56	0	0	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0363	Residential	Ground	W	61	55	61	55	61	56	61	56	-0.1	0.1	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0363	Residential	Ground	SW	60	55	60	55	60	55	61	55	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0363	Residential	Ground	SW	61	55	60	55	61	56	61	56	-0.1	0.1	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0363	Residential	Ground	S	59	54	59	54	59	54	60	54	0	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0363	Residential	Ground	SW	59	53	59	54	59	54	59	54	0	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0363	Residential	Ground	SW	59	54	59	54	60	54	60	55	0	0	0.2	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0363	Residential	Ground	SE	58	53	58	53	59	54	59	54	0	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0363	Residential	Ground	E	55	50	55	50	55	50	56	51	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0363	Residential	Ground	N	54	49	54	49	55	49	55	50	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0363	Residential	Ground	NE	54	48	54	49	54	49	55	49	0.1	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0363	Residential	Ground	N	55	50	55	50	55	50	56	50	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0364	Residential	Ground	W	61	56	61	56	62	56	62	57	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04A	NCA04A.RES.0364	Residential	Ground	S	60	54	60	55	60	55	60	55	0	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0364	Residential	Ground	E	55	50	55	50	55	50	56	51	0.2	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0364	Residential	Ground	N	59	53	59	53	59	54	59	54	-0.1	0	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0364	Residential	Ground	N	59	53	59	53	59	54	59	54	0	0	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0364	Residential	Ground	N	60	54	60	54	60	54	60	55	-0.1	0	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0365	Residential	Ground	NW	64	58	64	58	65	59	65	59	-0.2	-0.1	-0.1	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0365	Residential	Ground	SW	69	63	69	63	70	64	69	64	-0.3	-0.1	-0.2	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0365	Residential	Ground	NW	68	63	68	62	69	63	69	63	-0.2	-0.1	-0.2	-0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0365	Residential	Ground	SW	70	64	69	64	70	65	70	64	-0.3	-0.1	-0.2	-0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0365	Residential	Ground	SE	65	59	65	59	65	60	65	60	-0.3	-0.1	-0.1	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0365	Residential	Ground	NE	56	50	56	50	56	51	56	51	0	0.1	0.2	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0365	Residential	Ground	NW	56	50	56	50	56	51	56	51	-0.1	0	0.1	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0365	Residential	Ground	NE	56	51	56	51	57	51	57	51	0	0	0.1	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0365	Residential	Ground	NW	57	51	56	51	57	51	57	52	-0.1	0	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0365	Residential	Ground	NE	56	51	56	51	57	51	57	51	0	0.1	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0366	Residential	Ground	NE	56	51	56	51	56	51	57	51	0	0.2	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0366	Residential	Ground	NW	62	57	62	57	63	57	63	57	-0.2	-0.1	-0.1	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0366	Residential	Ground	SW	65	60	65	60	66	60	66	60	-0.2	-0.1	-0.1	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0366	Residential	Ground	NW	66	60	65	60	66	60	66	60	-0.3	-0.1	-0.1	-0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0366	Residential	Ground	SW	66	60	66	60	66	61	66	61	-0.3	-0.2	-0.2	-0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0366	Residential	Ground	SE	60	54	60	54	60	55	60	55	-0.2	0	0	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0367	Residential	Ground	NW	57	51	57	51	57	52	57	52	-0.1	0	0	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0367	Residential	Ground	NE	56	51	56	51	56	51	57	51	-0.1	0.1	0.1	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0367	Residential	Ground	NW	62	56	61	56	62	57	62	57	-0.3	-0.1	-0.1	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0367	Residential	Ground	SW	66	60	65	60	66	60	66	60	-0.4	-0.2	-0.2	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0367	Residential	Ground	NW	66	60	65	60	66	60	66	60	-0.3	-0.2	-0.2	-0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0367	Residential	Ground	SW	69	63	68	63	69	63	69	63	-0.4	-0.3	-0.3	-0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0367	Residential	Ground	SE	60	55	60	55	61	55	61	55	-0.2	-0.1	0	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0367	Residential	Ground	NE	57	51	57	51	57	51	57	52	0	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0368	Residential	Ground	SW	67	61	67	61	67	62	67	62	-0.3	-0.2	-0.1	-0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0368	Residential	Ground	SE	60	54	60	54	61	55	60	55	-0.3	-0.1	-0.2	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0368	Residential	Ground	NE	56	51	56	51	57	51	57	52	0	0.2	0.1	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0368	Residential	Ground	NW	56	51	56	51	57	51	57	52	0	0	0.1	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0368	Residential	Ground	NE	56	51	56	51	57	51	57	52	-0.1	0.1	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0368	Residential	Ground	NE	56	50	56	50	56	51	56	51	0	0.1	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0368	Residential	Ground	NE	56	50	56	50	56	51	56	51	-0.1	0	0.1	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0368	Residential	Ground	NW	60	55	60	54	61	55	61	55	-0.2	-0.2	0	0	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0369	Residential	Ground	W	65	59	65	60	65	60	66	60	0	0.1	0.3	0.4	60	55	YES	YES	NO	NO	YES
NCA04A	NCA04A.RES.0369	Residential	Ground	S	65	59	65	59	65	60	65	60	0	0.1	0.3	0.4	60	55	YES	YES	NO	NO	YES
NCA04A	NCA04A.RES.0369	Residential	Ground	W	65	59	65	59	65	60	65	60	0	0.1	0.3	0.4	60	55	YES	YES	NO	NO	YES
NCA04A	NCA04A.RES.0369	Residential	Ground	S	64	59	64	59	64	59	65	60	0.1	0.2	0.5	0.6	60	55	YES	YES	NO	NO	YES
NCA04A	NCA04A.RES.0369	Residential	Ground	E	60	55	60	55	60	55	61	56	0.2	0.3	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0369	Residential	Ground	N	61	55	61	55	61	55	61	56	0	0.1	0.2	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0370	Residential	Ground	W	59	54	59	54	59	54	59	54	0.1	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0370	Residential	Ground	S	60	54	60	55	60	55	60	55	0.2	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0370	Residential	Ground	E	56	51	56	51	56	51	57	52	0.1	0.1	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0370	Residential	Ground	N	57	51	57	51	57	52	57	52	0	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0371	Residential	Ground	W	59	54	59	54	59	54	59	54	0	0	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0371	Residential	Ground	S	60	54	60	55	60	55	60	55	0.1	0.2	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0371	Residential	Ground	E	57	52	57	52	57	52	58	53	0.2	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0371	Residential	Ground	N	54	49	54	49	55	49	55	50	0.2	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0372	Residential	Ground	SW	60	55	60	55	60	55	60	55	0.1	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0372	Residential	Ground	SE	58	53	58	53	58	53	58	54	0.2	0.2	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0372	Residential	Ground	NE	54	49	55	50	55	50	55	50	0.3	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0372	Residential	Ground	NW	57	52	57	52	57	52	58	53	0.1	0.2	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0373	Residential	Ground	SW	61	56	61	56	61	56	61	56	0	0	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0373	Residential	Ground	SE	57	52	57	52	57	52	57	52	0.2	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0373	Residential	Ground	NE	54	49	55	50	55	50	55	50	0.4	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0373	Residential	Ground	NW	57	52	57	52	58	52	58	53	0	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0374	Residential	Ground	N	56	51	56	51	56	51	57	52	0.2	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0374	Residential	Ground	N	61	56	61	56	61	56	61	56	0	0	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0374	Residential	Ground	W	60	55	60	55	61	56	61	56	0	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0374	Residential	Ground	W	61	56	61	56	62	57	62	57	0	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0374	Residential	Ground	S	59	55	60	55	60	55	60	56	0.1	0.2	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0374	Residential	Ground	E	55	50	56	51	55	50	56	51	0.4	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0375	Residential	Ground	W	62	57	61	57	62	57	62	57	-0.1	0	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0375	Residential	Ground	S	57	52	58	52	58	52	58	53	0.3	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0375	Residential	Ground	E	56	51	57	52	57	52	57	52	0.3	0.4	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0375	Residential	Ground	N	57	51	57	52	57	52	58	52	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0376	Residential	Ground	S	57	51	57	52	57	52	57	52	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0376	Residential	Ground	E	57	52	58	53	58	53	58	54	0.4	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0376	Residential	Ground	N	54	49	55	50	55	50	55	51	0.3	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0376	Residential	Ground	E	54	49	55	50	55	50	55	51	0.3	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0376	Residential	Ground	N	56	51	56	51	56	51	57	52	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0376	Residential	Ground	W	58	53	59	54	59	54	59	54	0.1	0.1	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0377	Residential	Ground	E	56	51	56	51	56	51	57	52	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0377	Residential	Ground	N	57	52	57	52	58	52	58	53	0.1	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0377	Residential	Ground	W	60	55	61	55	61	56	61	56	0.2	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0377	Residential	Ground	W	60	54	60	54	60	55	60	55	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0377	Residential	Ground	W	61	56	61	56	62	56	62	57	0.1	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0377	Residential	Ground	S	57	52	57	52	58	52	58	53	0.2	0.4	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0377	Residential	Ground	E	58	53	58	53	58	53	59	54	0.4	0.6	0.8	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0377	Residential	Ground	E	58	53	58	53	58	53	59	54	0.5	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0377	Residential	Ground	E	59	54	59	54	59	54	60	55	0.3	0.4	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0377	Residential	Ground	N	56	51	56	51	56	51	57	52	0.3	0.3	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0378	Residential	Ground	W	62	57	62	57	62	58	63	58	0	0	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0378	Residential	Ground	S	62	57	62	57	63	58	63	58	0	0	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0378	Residential	Ground	W	62	57	62	57	63	58	63	58	0	0	0.5	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0378	Residential	Ground	W	63	58	63	58	63	58	63	58	0	0	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0378	Residential	Ground	W	63	58	62	58	63	58	63	58	-0.1	0	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0378	Residential	Ground	W	63	58	63	58	63	58	63	59	0	0	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0378	Residential	Ground	S	59	53	59	54	59	54	60	55	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0378	Residential	Ground	E	61	56	61	56	61	56	62	57	0.4	0.5	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0378	Residential	Ground	N	57	51	57	52	57	52	58	52	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0379	Residential	Ground	NE	57	52	57	52	57	52	58	53	0.2	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0379	Residential	Ground	SE	58	53	58	53	58	53	59	54	0.2	0.2	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0379	Residential	Ground	NE	57	52	58	53	58	53	58	53	0.2	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0379	Residential	Ground	NW	63	58	62	58	63	58	63	58	-0.1	-0.1	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0379	Residential	Ground	SW	66	62	67	62	67	62	67	63	0.3	0.3	0.7	0.8	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0379	Residential	Ground	SE	66	61	66	61	66	61	67	62	0.3	0.3	0.7	0.9	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0379	Residential	Ground	SW	66	61	66	62	66	61	67	62	0.3	0.3	0.6	0.8	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0379	Residential	Ground	SE	62	57	63	58	63	58	63	59	0.2	0.4	0.6	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0380	Residential	Ground	W	61	56	62	57	61	56	62	58	0.8	0.9	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0380	Residential	Ground	S	61	56	62	57	61	56	62	57	0.5	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0380	Residential	Ground	W	61	56	62	57	61	56	62	57	0.5	0.5	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0380	Residential	Ground	S	60	55	61	56	61	56	61	57	0.3	0.3	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0380	Residential	Ground	W	60	55	60	55	60	55	61	56	0.2	0.2	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0380	Residential	Ground	S	59	54	59	54	59	54	60	55	0.3	0.3	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0380	Residential	Ground	E	59	54	60	55	59	54	60	55	0.7	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0380	Residential	Ground	N	56	51	56	51	56	51	57	52	0.3	0.3	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0381	Residential	Ground	W	59	54	59	54	60	54	60	55	0.3	0.3	0.6	0.8	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04A	NCA04A.RES.0381	Residential	Ground	S	61	56	62	57	61	56	62	58	0.8	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0381	Residential	Ground	E	62	57	63	58	62	57	63	59	0.9	1.1	1.2	1.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0381	Residential	Ground	S	62	57	63	58	62	57	63	59	1.1	1.2	1.4	1.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0381	Residential	Ground	E	62	57	63	58	62	57	64	59	1.2	1.3	1.4	1.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0381	Residential	Ground	N	56	51	57	52	57	52	58	53	0.6	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0382	Residential	Ground	N	57	52	57	52	57	52	58	53	0.1	0.2	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0382	Residential	Ground	W	58	53	59	54	59	54	59	55	0.4	0.4	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0382	Residential	Ground	W	58	53	59	54	58	53	59	54	0.4	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0382	Residential	Ground	W	58	53	59	54	59	54	60	55	0.6	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0382	Residential	Ground	S	58	53	59	54	59	54	60	55	0.5	0.5	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0382	Residential	Ground	E	60	55	62	57	61	56	62	58	1.4	1.5	1.6	2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0382	Residential	Ground	E	61	56	62	57	61	56	63	58	1.2	1.3	1.4	1.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0382	Residential	Ground	E	60	55	62	57	61	56	62	58	1.2	1.3	1.4	1.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0382	Residential	Ground	N	55	50	56	51	56	51	56	52	0.3	0.3	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0383	Residential	Ground	W	58	53	59	54	59	54	59	55	0.5	0.5	0.8	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0383	Residential	Ground	S	59	54	60	55	60	55	61	56	0.8	0.9	1.1	1.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0383	Residential	Ground	E	60	55	61	56	61	56	62	57	1.1	1.2	1.4	1.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0383	Residential	Ground	N	55	50	55	50	55	50	56	51	0.4	0.4	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0384	Residential	Ground	S	57	52	58	53	58	53	59	54	0.5	0.7	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0384	Residential	Ground	E	62	57	63	58	62	57	64	59	1.2	1.3	1.4	1.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0384	Residential	Ground	N	56	51	56	51	56	51	57	52	0.5	0.6	0.8	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0384	Residential	Ground	W	60	55	60	55	60	55	61	56	0.5	0.5	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0385	Residential	Ground	N	55	50	56	51	56	51	57	52	0.8	0.8	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0385	Residential	Ground	W	56	51	57	52	57	52	58	53	0.5	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0385	Residential	Ground	N	56	51	56	51	56	51	57	52	0.2	0.3	0.7	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0385	Residential	Ground	W	57	52	57	52	57	52	58	53	0.4	0.5	0.9	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0385	Residential	Ground	W	56	51	57	52	56	51	57	52	0.5	0.5	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0385	Residential	Ground	W	59	54	60	55	60	54	60	56	0.5	0.6	0.9	1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0385	Residential	Ground	S	58	53	58	53	58	53	59	54	0.7	0.7	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0385	Residential	Ground	E	58	53	59	54	58	53	60	55	1.4	1.4	1.6	1.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0387	Residential	Ground	N	56	51	56	51	56	52	57	52	0.4	0.3	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0387	Residential	Ground	W	57	52	57	53	58	53	58	54	0.3	0.2	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0387	Residential	Ground	N	56	51	56	51	56	52	57	52	0.3	0	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0387	Residential	Ground	W	58	53	59	54	59	54	59	55	0.5	0.3	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0387	Residential	Ground	S	59	55	60	55	60	55	61	56	0.5	0.3	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0387	Residential	Ground	E	61	56	61	56	61	56	62	58	0.6	0.4	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0387	Residential	Ground	N	57	52	57	52	57	53	58	54	0.5	0.2	0.8	0.8	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0387	Residential	Ground	E	59	54	59	55	59	55	60	56	0.6	0.3	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0388	Residential	Ground	SW	64	59	64	59	64	60	64	60	-0.2	-0.5	0.2	0.3	60	55	NO	YES	NO	YES	YES
NCA04A	NCA04A.RES.0388	Residential	Ground	SE	68	64	68	63	69	64	68	64	-0.6	-1	-0.2	0	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0388	Residential	Ground	NE	61	57	61	56	62	57	62	58	0	-0.4	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0388	Residential	Ground	NW	59	55	60	55	60	55	60	56	0.2	0.1	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0389	Residential	Ground	E	59	54	59	54	59	55	60	56	0.5	0.3	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0389	Residential	Ground	E	60	55	61	56	60	56	61	57	0.6	0.3	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0389	Residential	Ground	N	56	51	56	51	56	52	57	52	0.4	0.2	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0389	Residential	Ground	W	58	54	59	54	59	54	60	55	0.7	0.4	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0389	Residential	Ground	S	58	53	58	54	59	54	59	55	0.3	0.1	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0389	Residential	Ground	W	58	53	58	53	58	54	59	54	0.3	0.1	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0389	Residential	Ground	W	57	53	58	53	58	53	58	54	0.2	0	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0389	Residential	Ground	S	60	55	60	55	60	55	61	57	0.6	0.4	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0389	Residential	Ground	E	61	57	62	57	62	57	62	58	0.4	0.1	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0390	Residential	Ground	NW	58	53	58	53	58	54	59	54	0.4	0.2	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0390	Residential	Ground	NW	58	53	58	53	59	54	59	55	0.4	0.1	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0390	Residential	Ground	SW	58	53	59	54	59	54	59	55	0.6	0.4	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0390	Residential	Ground	SE	64	60	64	59	65	60	65	61	0	-0.4	0.3	0.5	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0390	Residential	Ground	SE	61	56	61	56	61	57	62	58	0.4	0	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0390	Residential	Ground	SE	63	59	63	59	64	59	64	60	0	-0.3	0.4	0.5	60	55	NO	YES	NO	YES	YES
NCA04A	NCA04A.RES.0390	Residential	Ground	NE	57	52	57	52	57	53	58	53	0.5	0.3	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0391	Residential	Ground	N	56	52	57	52	57	52	57	53	0.2	0	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0391	Residential	Ground	W	56	51	56	51	57	52	57	53	0.2	-0.1	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0391	Residential	Ground	N	55	50	55	50	55	51	56	51	0.2	0	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0391	Residential	Ground	E	55	50	55	50	56	51	56	52	0.2	0	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0391	Residential	Ground	N	57	52	57	52	57	53	58	54	0.4	0.1	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0391	Residential	Ground	W	56	52	57	52	57	52	57	53	0.2	0	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0391	Residential	Ground	N	57	52	57	53	58	53	58	54	0.3	0.2	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0391	Residential	Ground	W	65	60	65	60	65	61	65	61	-0.3	-0.6	0.1	0.3	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0391	Residential	Ground	S	64	60	64	59	65	60	65	61	0	-0.3	0.2	0.4	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0391	Residential	Ground	S	61	56	61	56	61	57	62	58	0.7	0.4	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0391	Residential	Ground	S	63	59	63	59	64	59	64	60	0.2	-0.1	0.4	0.6	60	55	NO	YES	NO	YES	YES
NCA04A	NCA04A.RES.0391	Residential	Ground	E	59	54	60	55	59	55	60	56	0.8	0.5	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0391	Residential	Ground	N	55	50	55	50	56	51	56	52	0.2	0	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0391	Residential	Ground	E	55	50	55	50	55	51	56	51	0.3	0	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0392	Residential	Ground	W	59	55	60	55	60	55	60	56	0.4	0	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0392	Residential	Ground	S	60	56	61	56	61	56	62	57	0.4	0.1	0.6	0.7	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0392	Residential	Ground	E	59	54	59	54	59	55	60	55	0.5	0.1	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0392	Residential	Ground	N	57	52	57	52	58	53	58	54	0.3	0.1	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0393	Residential	Ground	W	66	61	65	60	66	62	66	62	-0.4	-0.7	-0.1	0.1	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.0393	Residential	Ground	S	61	57	61	56	62	57	62	58	-0.1	-0.3	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0393	Residential	Ground	E	61	57	61	56	62	57	62	57	-0.3	-0.7	0	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0393	Residential	Ground	N	64	59	63	58	64	60	64	59	-0.6	-1	-0.2	-0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0394	Residential	Ground	N	56	51	57	51	57	51	57	52	0.4	0.5	0.4	0.6	59	54	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0394	Residential	Ground	E	56	51	57	51	57	51	57	52	0.6	0.7	0.6	0.8	59	54	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0394	Residential	Ground	N	58	53	59	53	59	53	59	54	0.7	0.8	0.7	0.9	59	54	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0394	Residential	Ground	W	55	50	55	50	55	50	56	51	0.3	0.2	0.4	0.6	59	54	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0394	Residential	Ground	S	57	53	58	53	58	53	59	54	0.8	0.6	0.9	0.9	59	54	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0394	Residential	Ground	E	56	51	56	51	56	52	57	52	0.5	0.5	0.7	0.6	59	54	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0395	Residential	Ground	W	54	49	54	49	54	49	55	50	0.4	0.3	0.6	0.6	59	54	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0395	Residential	Ground	S	61	56	62	57	61	57	62	58	1.1	1	1.3	1.2	59	54	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0395	Residential	Ground	E	61	56	62	57	62	57	63	58	1	1	1.1	1.1	59	54	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0395	Residential	Ground	E	61	56	62	57	62	57	63	58	1	1	1	1.1	59	54	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0395	Residential	Ground	E	61	56	62	57	62	57	63	58	1	1	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0395	Residential	Ground	N	59	54	60	55	60	54	61	56	0.7	0.9	0.8	1.1	59	54	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0395	Residential	Ground	W	56	50	56	51	57	51	57	52	0.1	0.1	0.2	0.4	59	54	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0395	Residential	Ground	W	55	50	55	50	56	51	56	51	0.3	0.3	0.4	0.5	59	54	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0396	Residential	Ground	NW	64	60	64	59	65	60	64	60	-0.8	-0.9	-0.5	-0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0396	Residential	Ground	SW	68	63	67	62	68	64	68	63	-0.8	-0.9	-0.5	-0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0396	Residential	Ground	SW	67	62	66	61	68	63	67	62	-0.8	-0.9	-0.5	-0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0396	Residential	Ground	SW	67	62	66	61	67	63	67	62	-0.7	-0.9	-0.6	-0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0396	Residential	Ground	SE	62	58	62	57	63	58	63	58	-0.6	-0.7	-0.4	-0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0396	Residential	Ground	NE	64	60	65	60	65	60	65	61	0.2	0.1	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0396	Residential	Ground	NE	64	60	64	60	65	60	65	60	0.2	0.1	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0396	Residential	Ground	NE	65	60	65	60	65	61	65	61	0.1	0	0.2	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0396	Residential	Ground	NE	57	53	57	53	58	53	58	53	-0.2	-0.3	0	-0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0396	Residential	Ground	NE	61	56	61	57	62	57	62	57	0.3	0.3	0.5	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0397	Residential	Ground	W	61	55	60	55	61	56	61	56	-0.1	0	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0397	Residential	Ground	S	59	54	59	54	59	54	60	54	-0.1	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0397	Residential	Ground	W	59	53	59	53	59	54	59	54	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0397	Residential	Ground	S	55	49	55	49	55	49	55	50	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0397	Residential	Ground	N	57	51	56	51	57	51	57	52	-0.1	0.1	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0398	Residential	Ground	SW	64	58	63	58	64	59	64	59	-0.2	-0.1	-0.1	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0398	Residential	Ground	SE	61	55	61	55	61	56	61	56	-0.2	-0.1	-0.1	0	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0398	Residential	Ground	NE	55	50	55	50	56	50	56	51	0.1	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0398	Residential	Ground	NW	61	56	61	56	62	56	62	56	-0.1	0	0	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0398	Residential	Ground	SW	62	57	62	57	63	57	63	57	-0.1	-0.1	0	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0398	Residential	Ground	NW	61	56	61	56	62	56	62	56	-0.1	0	0	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0399	Residential	Ground	W	63	58	63	58	64	58	64	58	-0.2	-0.1	-0.1	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0399	Residential	Ground	S	62	57	62	56	63	57	63	57	-0.2	-0.1	0	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0399	Residential	Ground	E	55	50	55	50	56	50	56	51	0.1	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0399	Residential	Ground	N	60	54	60	54	61	55	61	55	-0.1	0	0.1	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0400	Residential	Ground	W	63	57	63	57	63	58	63	58	-0.2	0	0	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0400	Residential	Ground	S	62	57	62	56	63	57	63	57	-0.1	-0.1	0	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0400	Residential	Ground	E	56	50	56	50	56	51	56	51	0	0.1	0.2	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0400	Residential	Ground	N	58	52	58	52	58	53	58	53	-0.1	0.1	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0401	Residential	Ground	W	62	57	62	57	63	57	63	57	-0.1	-0.1	0.1	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0401	Residential	Ground	S	58	52	58	52	58	53	59	53	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0401	Residential	Ground	E	57	51	57	51	57	52	57	52	0	0.1	0.2	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0401	Residential	Ground	N	58	53	58	53	59	53	59	53	-0.1	0	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0402	Residential	Ground	N	54	48	54	48	54	49	55	49	-0.1	0.1	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0402	Residential	Ground	W	62	56	61	56	62	56	62	57	-0.1	0	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0402	Residential	Ground	S	60	55	60	55	61	55	61	55	-0.1	0	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0402	Residential	Ground	E	56	51	56	51	56	51	57	52	0	0.1	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0403	Residential	Ground	N	55	50	55	50	56	50	56	50	0	0.1	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0403	Residential	Ground	W	59	53	59	53	59	53	59	54	0	0	0.1	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0403	Residential	Ground	W	58	53	58	53	59	53	59	53	-0.1	-0.1	0	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0403	Residential	Ground	W	59	54	59	54	60	54	60	54	0	0	0	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0403	Residential	Ground	W	59	53	59	53	59	54	59	54	-0.1	0	0.1	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0403	Residential	Ground	W	61	55	60	55	61	55	61	56	-0.1	0	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0403	Residential	Ground	W	60	55	60	55	61	55	61	55	-0.1	0	0.1	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0403	Residential	Ground	W	60	55	60	55	61	55	61	55	-0.1	0	0.1	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0403	Residential	Ground	S	60	54	60	54	60	55	60	55	-0.1	0	0.1	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0403	Residential	Ground	E	54	49	54	49	55	50	55	50	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0404	Residential	Ground	W	58	52	58	52	58	53	59	53	-0.1	0	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0404	Residential	Ground	N	57	52	57	52	58	52	58	52	-0.1	0.1	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0404	Residential	Ground	W	59	54	59	54	60	54	60	54	-0.1	0	0.1	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0404	Residential	Ground	S	57	51	57	51	57	52	57	52	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0404	Residential	Ground	E	56	51	56	51	57	52	57	52	0	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0404	Residential	Ground	E	56	51	56	51	57	51	57	52	0	0	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0404	Residential	Ground	E	56	51	56	51	57	52	57	52	0	0	0.3	0.4	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0404	Residential	Ground	N	54	48	54	48	54	49	54	49	0.1	0.1	0.2	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0404	Residential	Ground	N	54	49	54	49	55	49	55	49	0.1	0.2	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0405	Residential	Ground	N	52	46	52	47	52	47	53	47	0.2	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0405	Residential	Ground	E	52	47	53	47	53	48	53	48	0.3	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0405	Residential	Ground	N	52	47	52	47	53	47	53	48	0.2	0.3	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0405	Residential	Ground	N	51	46	52	46	52	46	52	47	0.2	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0405	Residential	Ground	N	53	47	53	47	53	48	53	48	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0405	Residential	Ground	W	54	48	54	48	54	49	54	49	0.1	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0405	Residential	Ground	W	55	49	55	50	55	50	56	50	0.1	0.1	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0405	Residential	Ground	W	59	54	59	54	60	54	60	54	0	0	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0405	Residential	Ground	S	58	53	58	53	59	53	59	54	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0405	Residential	Ground	S	58	52	58	52	58	53	58	53	-0.1	0	0.1	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0405	Residential	Ground	S	56	51	56	51	57	51	57	52	0	0.1	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0405	Residential	Ground	E	55	50	55	50	55	50	56	51	0.1	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0406	Residential	Ground	N	56	50	56	50	56	51	56	51	0	0.1	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0406	Residential	Ground	N	57	51	57	51	57	52	57	52	0	0	0.1	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0406	Residential	Ground	N	57	51	57	51	57	52	58	52	0	0.1	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0406	Residential	Ground	W	56	50	56	50	56	51	56	51	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0406	Residential	Ground	S	55	49	55	49	55	50	55	50	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0406	Residential	Ground	E	56	51	56	51	56	51	56	51	0	0.1	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0407	Residential	Ground	W	58	53	58	53	59	53	59	54	0	0.1	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0407	Residential	Ground	S	56	50	56	51	56	51	57	51	0	0.2	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0407	Residential	Ground	E	56	51	56	51	56	51	56	51	0	0.1	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0407	Residential	Ground	E	51	46	51	46	51	46	52	47	0.4	0.5	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0407	Residential	Ground	E	55	49	55	50	55	50	55	50	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0407	Residential	Ground	N	53	48	54	48	54	48	54	49	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0408	Residential	Ground	W	58	52	58	52	58	53	58	53	0	0.1	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0408	Residential	Ground	W	56	51	56	51	57	51	57	51	0	0	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0408	Residential	Ground	W	58	53	58	53	59	53	59	53	-0.1	0	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0408	Residential	Ground	S	56	50	56	50	56	51	56	51	0.1	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0408	Residential	Ground	E	56	51	56	51	56	51	56	51	0.1	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0408	Residential	Ground	E	51	46	51	46	51	46	52	47	0.4	0.5	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0408	Residential	Ground	E	54	49	54	49	55	50	55	50	0.1	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0408	Residential	Ground	E	51	45	51	46	51	46	52	47	0.4	0.5	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0408	Residential	Ground	E	53	48	54	48	54	49	54	49	0.3	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0408	Residential	Ground	N	53	47	53	48	53	48	54	48	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0409	Residential	Ground	W	57	52	57	52	57	52	58	52	0	0	0.2	0.3	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0409	Residential	Ground	S	54	49	54	49	55	49	55	50	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0409	Residential	Ground	E	56	50	56	51	56	51	56	51	0.1	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0409	Residential	Ground	E	51	45	51	46	51	46	52	47	0.4	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0409	Residential	Ground	E	52	46	52	47	52	47	53	48	0.3	0.5	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0409	Residential	Ground	N	51	45	51	46	51	46	52	47	0.4	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0409	Residential	Ground	E	52	47	52	47	52	47	53	48	0.3	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0409	Residential	Ground	N	54	49	54	49	55	49	55	50	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0410	Residential	Ground	W	58	53	58	53	58	53	59	53	-0.1	0	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0410	Residential	Ground	W	58	52	58	52	58	52	58	53	0	0	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0410	Residential	Ground	W	57	52	57	52	58	52	58	53	0	0.1	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0410	Residential	Ground	S	54	49	55	49	55	49	55	50	0.2	0.3	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0410	Residential	Ground	E	55	50	55	50	55	50	56	51	0	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0410	Residential	Ground	N	54	48	54	48	54	49	54	49	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0411	Residential	Ground	N	54	48	54	49	54	49	55	49	0.1	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0411	Residential	Ground	W	57	52	57	52	58	52	58	52	-0.1	0.1	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0411	Residential	Ground	S	54	49	54	49	55	49	55	49	0	0.1	0.2	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0411	Residential	Ground	E	55	50	55	50	55	50	55	50	0	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0411	Residential	Ground	E	54	49	54	49	54	49	55	50	0.1	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0411	Residential	Ground	E	55	50	55	50	55	50	56	51	0.1	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0412	Residential	Ground	W	58	52	58	52	58	53	58	53	0	0	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0412	Residential	Ground	W	57	52	57	52	58	52	58	52	0	0.1	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0412	Residential	Ground	W	57	52	57	52	58	52	58	52	0	0	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0412	Residential	Ground	S	54	49	54	49	55	49	55	50	0.2	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0412	Residential	Ground	E	55	50	55	50	55	50	56	51	0.1	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0412	Residential	Ground	E	54	49	54	49	55	50	55	50	0.1	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0412	Residential	Ground	E	55	50	55	50	55	50	56	51	0.1	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0412	Residential	Ground	N	54	48	54	49	54	49	55	49	0	0.2	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0413	Residential	Ground	W	58	52	58	52	58	53	58	53	-0.1	0	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0413	Residential	Ground	W	58	52	57	52	58	52	58	53	-0.1	0.1	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0413	Residential	Ground	W	58	52	58	52	58	53	58	53	-0.1	0	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0413	Residential	Ground	S	58	52	58	53	58	53	59	53	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0413	Residential	Ground	W	58	52	58	52	58	53	58	53	0	0.1	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0413	Residential	Ground	S	57	52	57	52	58	52	58	53	0.1	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0413	Residential	Ground	E	54	49	54	49	54	49	55	50	0.1	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0413	Residential	Ground	S	55	49	55	50	55	50	55	50	0.1	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0413	Residential	Ground	E	54	49	55	50	55	50	55	50	0.2	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0413	Residential	Ground	N	52	47	53	47	53	47	53	48	0.1	0.2	0.2	0.3	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0414	Residential	Ground	W	57	51	57	51	57	52	57	52	0	0	0.1	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0414	Residential	Ground	S	52	47	52	47	53	47	53	48	0.2	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0414	Residential	Ground	E	54	49	54	49	54	49	55	50	0.1	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0414	Residential	Ground	E	54	49	54	49	54	49	54	50	0.1	0.1	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0414	Residential	Ground	N	50	45	50	45	50	45	51	46	0.4	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0414	Residential	Ground	E	50	44	50	45	50	45	51	45	0.3	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0414	Residential	Ground	N	52	46	52	46	52	47	52	47	0.2	0.3	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0415	Residential	Ground	W	56	51	56	51	57	51	57	51	0.1	0.1	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0415	Residential	Ground	N	55	49	55	49	55	50	55	50	0	0.1	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0415	Residential	Ground	W	56	50	56	50	56	51	56	51	0	0.1	0.2	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0415	Residential	Ground	S	54	49	54	49	54	49	55	50	0.2	0.2	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0415	Residential	Ground	E	54	49	54	49	54	49	55	50	0.2	0.2	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0415	Residential	Ground	E	50	45	51	46	51	46	51	46	0.5	0.6	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0415	Residential	Ground	E	53	48	53	48	53	48	54	49	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0415	Residential	Ground	N	50	44	50	45	50	45	51	46	0.4	0.5	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0415	Residential	Ground	E	50	45	51	46	51	45	51	46	0.5	0.6	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0415	Residential	Ground	N	54	49	54	49	55	49	55	49	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0416	Residential	Ground	W	56	51	56	51	57	51	57	52	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0416	Residential	Ground	W	56	50	56	50	56	50	56	51	0	0.1	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0416	Residential	Ground	W	56	50	56	50	56	51	56	51	0	0	0.1	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0416	Residential	Ground	N	55	50	55	50	56	50	56	50	0	0	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0416	Residential	Ground	W	57	51	57	51	57	51	57	52	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0416	Residential	Ground	S	54	49	54	49	55	49	55	49	0.2	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0416	Residential	Ground	E	53	48	53	48	54	48	54	49	0.2	0.3	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0416	Residential	Ground	S	54	49	54	49	54	49	55	50	0.2	0.2	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0416	Residential	Ground	E	54	49	54	49	54	49	55	50	0.2	0.2	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0416	Residential	Ground	N	52	47	52	47	53	47	53	47	0.2	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0417	Residential	Ground	W	57	51	57	51	57	52	57	52	-0.1	0	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0417	Residential	Ground	S	56	50	56	50	56	51	56	51	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0417	Residential	Ground	W	56	50	56	50	56	50	56	51	0	0.2	0.2	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0417	Residential	Ground	S	54	48	54	48	54	49	54	49	0.2	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0417	Residential	Ground	E	53	48	53	48	54	49	54	49	0.2	0.2	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0417	Residential	Ground	N	53	47	53	47	53	48	53	48	0.1	0.2	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0418	Residential	Ground	W	55	50	55	50	56	50	56	50	0	0.1	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0418	Residential	Ground	S	51	46	51	46	52	46	52	47	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0418	Residential	Ground	E	51	46	51	46	51	46	52	47	0.5	0.5	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0418	Residential	Ground	E	49	44	50	44	50	44	50	45	0.6	0.6	0.7	0.9	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0418	Residential	Ground	E	50	45	50	45	50	45	51	46	0.6	0.6	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0418	Residential	Ground	E	50	44	50	45	50	45	51	46	0.5	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0418	Residential	Ground	E	52	47	52	47	53	47	53	48	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0418	Residential	Ground	N	51	46	52	46	52	46	52	47	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0419	Residential	Ground	N	49	44	50	45	50	44	50	45	0.4	0.6	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0419	Residential	Ground	E	50	45	51	46	51	46	51	46	0.5	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0419	Residential	Ground	N	51	46	51	46	52	46	52	47	0.1	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0419	Residential	Ground	W	56	51	56	51	57	51	57	52	0	0	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0419	Residential	Ground	W	56	50	56	50	56	50	56	51	-0.1	0.1	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0419	Residential	Ground	W	57	52	57	52	57	52	58	52	0	0	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0419	Residential	Ground	W	57	51	57	51	57	52	57	52	0	0.1	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0419	Residential	Ground	W	57	51	57	51	57	51	57	52	0	0	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0419	Residential	Ground	S	52	46	52	47	52	47	53	47	0.1	0.3	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0419	Residential	Ground	E	53	48	54	49	54	49	54	49	0.2	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0420	Residential	Ground	N	51	46	51	46	51	46	52	46	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0420	Residential	Ground	N	52	46	52	46	52	47	52	47	0.1	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0420	Residential	Ground	N	52	47	52	47	53	47	53	48	0.1	0.2	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0420	Residential	Ground	N	52	47	52	47	53	47	53	48	0.1	0.2	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0420	Residential	Ground	W	52	47	52	47	53	47	53	47	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0420	Residential	Ground	N	51	46	51	46	51	46	52	46	0.2	0.3	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0420	Residential	Ground	W	56	51	56	51	57	51	57	51	0	0.1	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0420	Residential	Ground	W	55	49	55	49	55	50	55	50	0	0	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0420	Residential	Ground	W	57	52	57	52	58	52	58	52	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0420	Residential	Ground	S	52	47	53	47	53	47	53	48	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0420	Residential	Ground	E	53	48	53	48	53	48	54	49	0.3	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0421	Residential	Ground	W	56	50	56	50	56	50	56	51	0	0.1	0.1	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0421	Residential	Ground	S	52	46	52	46	52	47	52	47	0.1	0.3	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0421	Residential	Ground	E	50	45	51	46	51	46	51	46	0.4	0.5	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0421	Residential	Ground	N	49	44	49	44	49	44	50	45	0.4	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0421	Residential	Ground	E	49	44	50	45	50	45	50	45	0.4	0.5	0.6	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0421	Residential	Ground	N	54	48	54	48	54	49	54	49	0.1	0.2	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0422	Residential	Ground	W	55	50	55	50	56	50	56	50	0	0.1	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0422	Residential	Ground	W	54	49	54	49	55	49	55	49	0	0.1	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0422	Residential	Ground	S	52	47	52	47	53	47	53	48	0.2	0.4	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0422	Residential	Ground	E	52	47	52	47	52	47	53	48	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0422	Residential	Ground	E	52	47	52	47	52	47	53	48	0.3	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0422	Residential	Ground	E	51	46	52	47	52	47	52	47	0.3	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0422	Residential	Ground	N	51	46	51	46	52	46	52	47	0.1	0.2	0.2	0.4	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04A	NCA04A.RES.0423	Residential	Ground	W	56	51	56	51	57	51	57	51	0	0.1	0.1	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0423	Residential	Ground	W	56	51	56	51	57	51	57	51	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0423	Residential	Ground	W	56	50	56	50	56	51	56	51	0.1	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0423	Residential	Ground	W	55	50	55	50	56	50	56	51	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0423	Residential	Ground	S	54	48	54	48	54	49	54	49	0.1	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0423	Residential	Ground	E	51	45	51	46	51	46	52	47	0.4	0.5	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0423	Residential	Ground	E	52	47	52	47	52	47	53	48	0.4	0.4	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0423	Residential	Ground	N	51	45	51	46	51	46	52	46	0.2	0.3	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0424	Residential	Ground	W	57	51	57	51	57	51	57	52	0	0.1	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0424	Residential	Ground	S	54	48	54	48	54	49	54	49	0.2	0.3	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0424	Residential	Ground	E	51	46	51	47	52	46	52	47	0.3	0.4	0.6	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0424	Residential	Ground	N	52	47	52	47	53	47	53	47	0	0.1	0	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0511	Residential	Ground	W	58	52	58	52	58	53	58	53	-0.1	0	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0511	Residential	Ground	S	55	49	55	50	55	50	56	50	0.2	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0511	Residential	Ground	E	54	49	54	49	54	49	54	50	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0511	Residential	Ground	N	52	47	53	47	53	47	53	48	0.2	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0511	Residential	Ground	N	50	44	50	45	50	45	51	45	0.3	0.4	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0511	Residential	Ground	N	54	49	54	49	55	49	55	49	0	0.2	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0511	Residential	Ground	N	54	48	54	48	54	49	54	49	0	0.1	0.1	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0511	Residential	Ground	N	55	49	55	49	55	49	55	50	0	0.1	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0512	Residential	Ground	W	56	50	56	51	56	51	57	51	0	0.1	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0512	Residential	Ground	N	55	50	55	50	56	50	56	50	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0512	Residential	Ground	W	56	51	56	51	57	51	57	51	0	0	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0512	Residential	Ground	N	56	50	56	50	56	51	56	51	0	0.1	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0512	Residential	Ground	W	58	52	58	52	58	53	58	53	0	0	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0512	Residential	Ground	S	54	48	54	48	54	49	54	49	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0512	Residential	Ground	E	54	49	54	49	55	49	55	50	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0512	Residential	Ground	S	55	49	55	50	55	50	55	50	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0512	Residential	Ground	E	54	49	54	49	54	49	55	50	0.2	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0512	Residential	Ground	N	52	47	52	47	53	47	53	48	0.2	0.3	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0512	Residential	Ground	N	54	48	54	48	54	49	54	49	0	0.1	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0513	Residential	Ground	W	55	50	55	50	56	50	56	51	0	0	0.1	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0513	Residential	Ground	N	55	49	55	49	55	49	55	50	0	0.1	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0513	Residential	Ground	W	56	51	56	51	57	51	57	52	-0.1	0.1	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0513	Residential	Ground	W	56	50	56	50	56	51	56	51	0	0.1	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0513	Residential	Ground	W	58	52	58	52	58	53	58	53	0.1	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0513	Residential	Ground	S	56	50	56	50	56	51	56	51	0	0.1	0.3	0.3	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0513	Residential	Ground	E	53	48	54	49	54	49	54	49	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0513	Residential	Ground	E	53	48	53	48	54	48	54	49	0.2	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0513	Residential	Ground	N	52	47	53	47	53	47	53	48	0.1	0.3	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0514	Residential	Ground	W	56	50	56	50	56	51	57	51	0	0.1	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0514	Residential	Ground	N	55	50	55	50	56	50	56	50	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0514	Residential	Ground	W	59	53	59	53	59	54	59	54	0	0	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0514	Residential	Ground	S	54	48	54	49	54	49	55	49	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0514	Residential	Ground	E	55	50	55	50	55	50	56	51	0.2	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0514	Residential	Ground	S	56	50	56	51	56	51	56	51	0.1	0.1	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0514	Residential	Ground	E	54	49	54	49	55	49	55	50	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0514	Residential	Ground	N	53	47	53	48	53	48	54	48	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0516	Residential	Ground	W	58	53	58	53	59	53	59	53	0	0	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0516	Residential	Ground	S	53	47	53	48	53	48	54	48	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0516	Residential	Ground	E	55	49	55	50	55	50	55	50	0.1	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0516	Residential	Ground	N	51	46	51	46	52	46	52	47	0.3	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0516	Residential	Ground	E	54	48	54	49	54	49	54	49	0.3	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0516	Residential	Ground	N	54	48	54	48	54	48	54	49	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0517	Residential	Ground	W	57	52	57	52	58	52	58	52	-0.1	0.1	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0517	Residential	Ground	N	56	51	56	51	57	51	57	51	0	0	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0517	Residential	Ground	W	59	54	59	54	59	54	60	54	-0.1	0	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0517	Residential	Ground	S	59	53	59	54	59	54	59	54	-0.1	0.1	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0517	Residential	Ground	E	55	50	55	50	56	51	56	51	0.1	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0517	Residential	Ground	N	52	46	52	47	52	47	52	47	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0517	Residential	Ground	E	52	47	52	47	53	47	53	48	0.3	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0517	Residential	Ground	N	53	48	53	48	53	48	54	48	0.2	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0518	Residential	Ground	W	58	53	58	53	58	53	59	53	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0518	Residential	Ground	S	58	53	58	53	58	53	59	54	0	0.1	0.2	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0518	Residential	Ground	E	55	50	55	50	55	50	55	50	0.2	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0518	Residential	Ground	S	57	52	57	52	57	52	58	53	0.1	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0518	Residential	Ground	E	53	48	53	48	53	48	54	49	0.3	0.2	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0518	Residential	Ground	N	53	48	53	48	53	48	54	48	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0518	Residential	Ground	W	56	51	56	51	57	51	57	51	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0518	Residential	Ground	W	55	50	55	50	55	50	56	50	-0.1	0	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0518	Residential	Ground	W	55	49	55	49	55	50	55	50	0.1	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0518	Residential	Ground	N	55	49	55	49	55	50	55	50	0.1	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0534	Residential	Ground	W	58	52	58	52	58	53	58	53	-0.1	-0.1	0	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0534	Residential	Ground	W	57	52	57	52	58	52	58	52	-0.1	0	0.1	0.1	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04A	NCA04A.RES.0534	Residential	Ground	W	59	54	59	54	60	54	60	55	-0.1	0	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0534	Residential	Ground	W	59	54	59	54	60	54	60	55	0	0	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0534	Residential	Ground	W	60	54	59	54	60	54	60	55	-0.1	0	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0534	Residential	Ground	S	59	54	59	54	60	54	60	54	0	0.1	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0534	Residential	Ground	E	55	50	55	50	55	50	56	50	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0534	Residential	Ground	N	55	50	55	50	56	50	56	51	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0535	Residential	Ground	N	58	52	58	52	58	53	58	53	-0.1	0	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0535	Residential	Ground	N	58	52	58	52	58	53	58	53	-0.1	0.1	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0535	Residential	Ground	N	58	53	58	53	59	53	59	53	-0.1	0	0	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0535	Residential	Ground	SW	59	53	59	53	59	54	59	54	-0.1	0	0.1	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0535	Residential	Ground	NW	59	53	59	53	59	54	59	54	-0.1	0	0	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0535	Residential	Ground	SW	61	55	60	55	61	56	61	56	-0.2	-0.1	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0535	Residential	Ground	SE	59	53	59	53	59	54	59	54	-0.1	0.1	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0535	Residential	Ground	NE	53	48	54	48	54	49	54	49	0.2	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0536	Residential	Ground	SW	55	50	55	50	56	50	56	51	0.1	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0536	Residential	Ground	SE	58	52	58	52	58	53	58	53	0	0.1	0.2	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0536	Residential	Ground	NE	54	49	54	49	54	49	55	50	0.3	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0536	Residential	Ground	SE	56	51	56	51	56	51	57	52	0	0.1	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0536	Residential	Ground	NE	53	48	53	48	53	48	54	49	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0536	Residential	Ground	NW	56	51	56	51	57	51	57	51	0	0	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0537	Residential	Ground	NW	57	52	57	52	58	52	58	52	-0.1	0	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0537	Residential	Ground	SW	60	55	60	55	61	55	61	55	-0.1	0	0.1	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0537	Residential	Ground	SW	60	54	60	54	60	55	60	55	-0.1	-0.1	0	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0537	Residential	Ground	SW	60	55	60	55	61	55	61	55	-0.1	0	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0537	Residential	Ground	SE	58	52	58	52	58	53	58	53	-0.1	0	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0537	Residential	Ground	NE	53	48	53	48	54	48	54	49	0.2	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0538	Residential	Ground	SW	55	50	55	50	56	50	56	51	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0538	Residential	Ground	SE	57	52	57	52	58	52	58	53	0	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0538	Residential	Ground	NE	54	48	54	49	54	49	55	50	0.2	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0538	Residential	Ground	NE	53	48	54	48	54	49	54	49	0.2	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0538	Residential	Ground	NW	55	50	55	50	56	50	56	51	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0538	Residential	Ground	NW	55	50	55	50	56	50	56	50	0	0.1	0.1	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0539	Residential	Ground	SW	56	51	56	51	56	51	57	52	0	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0539	Residential	Ground	SE	57	52	57	52	57	52	58	52	0.1	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0539	Residential	Ground	SE	57	51	57	52	57	52	57	52	0.1	0.2	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0539	Residential	Ground	SE	57	52	57	52	57	52	58	52	0.1	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0539	Residential	Ground	SE	56	51	56	51	56	51	57	52	0.2	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0539	Residential	Ground	SE	56	51	57	51	57	52	57	52	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0539	Residential	Ground	NE	53	48	53	48	54	48	54	49	0.2	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0539	Residential	Ground	NW	55	50	55	50	55	50	56	50	0	0	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0577	Residential	Ground	S	55	50	55	50	56	50	56	51	0.1	0.3	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0577	Residential	Ground	E	54	49	55	49	55	50	55	50	0.2	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0577	Residential	Ground	N	56	50	56	50	56	51	56	51	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0578	Residential	Ground	W	58	52	58	53	58	53	59	53	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0578	Residential	Ground	S	56	50	56	51	56	51	57	51	0.1	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0578	Residential	Ground	E	55	49	55	50	55	50	56	50	0.1	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0578	Residential	Ground	S	56	51	56	51	56	51	57	52	0.2	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0578	Residential	Ground	E	54	49	54	49	54	49	55	50	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0578	Residential	Ground	N	57	51	57	51	57	52	57	52	0	0	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0579	Residential	Ground	W	59	53	59	53	59	54	59	54	0	0	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0579	Residential	Ground	S	59	54	59	54	59	54	60	55	0.1	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0579	Residential	Ground	S	58	53	58	53	58	53	59	54	0.2	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0579	Residential	Ground	S	58	53	58	53	59	53	59	54	0.1	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0579	Residential	Ground	S	58	52	58	53	58	53	58	53	0.1	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0579	Residential	Ground	S	58	53	58	53	58	53	59	54	0.1	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0579	Residential	Ground	E	55	50	55	50	55	50	56	51	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0579	Residential	Ground	N	56	51	56	51	57	51	57	51	0	0.1	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0579	Residential	Ground	NW	56	50	56	50	56	51	56	51	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0579	Residential	Ground	N	56	50	56	50	56	51	56	51	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0580	Residential	Ground	W	57	51	57	51	57	52	57	52	-0.1	0.1	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0580	Residential	Ground	N	57	51	57	51	57	52	57	52	0	0	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0580	Residential	Ground	W	58	53	58	53	58	53	59	53	0.1	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0580	Residential	Ground	S	58	53	58	53	58	53	59	54	0.1	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0580	Residential	Ground	W	58	53	58	53	58	53	59	54	0	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0580	Residential	Ground	S	58	53	58	53	59	53	59	54	0.1	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0580	Residential	Ground	S	58	53	58	53	59	53	59	54	0.1	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0580	Residential	Ground	S	58	53	58	53	59	53	59	54	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0580	Residential	Ground	E	54	48	54	49	54	49	54	49	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0580	Residential	Ground	N	57	51	56	51	57	51	57	52	-0.1	0.1	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0582	Residential	Ground	W	56	51	56	51	57	52	57	52	0	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0582	Residential	Ground	S	56	51	56	51	57	51	57	52	0	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0582	Residential	Ground	E	53	48	54	49	54	49	54	49	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0582	Residential	Ground	N	53	47	53	47	53	48	53	48	0.1	0.3	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0582	Residential	Ground	E	53	48	53	48	53	48	54	49	0.2	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04A	NCA04A.RES.0582	Residential	Ground	N	56	50	56	50	56	51	56	51	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0582	Residential	Ground	N	54	48	54	49	54	49	55	49	0	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0582	Residential	Ground	N	57	52	57	52	58	52	58	52	0	0	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0607	Residential	Ground	N	57	52	57	52	57	52	58	52	0	0	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0607	Residential	Ground	W	59	54	59	54	60	54	60	55	0	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0607	Residential	Ground	S	58	53	58	53	58	53	59	54	0.1	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0607	Residential	Ground	E	54	49	54	49	55	49	55	50	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0608	Residential	Ground	W	56	51	56	51	56	51	57	52	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0608	Residential	Ground	S	58	53	58	53	58	53	59	53	0.2	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0608	Residential	Ground	E	54	49	54	49	54	49	55	50	0.3	0.4	0.5	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0608	Residential	Ground	N	57	51	57	51	57	52	57	52	0.1	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0609	Residential	Ground	W	58	53	58	53	58	53	59	54	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0609	Residential	Ground	S	58	53	58	53	59	53	59	54	0.1	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0609	Residential	Ground	E	55	50	56	50	56	51	56	51	0.2	0.2	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0609	Residential	Ground	N	56	51	56	51	57	51	57	52	0	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0609	Residential	Ground	N	56	50	56	50	56	51	56	51	0.1	0.1	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0609	Residential	Ground	N	56	51	56	51	57	51	57	52	0	0.1	0.2	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0610	Residential	Ground	W	57	52	57	52	57	52	58	53	0.1	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0610	Residential	Ground	S	58	53	58	53	58	53	59	54	0.2	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0610	Residential	Ground	E	55	50	55	50	55	50	56	51	0.2	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0610	Residential	Ground	N	56	50	56	51	56	51	57	51	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0611	Residential	Ground	W	56	51	57	52	57	52	57	52	0.1	0.2	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0611	Residential	Ground	S	58	53	58	53	58	53	59	54	0.2	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0611	Residential	Ground	E	55	50	56	51	56	51	56	51	0.2	0.2	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0611	Residential	Ground	N	56	51	56	51	57	51	57	51	0.1	0.2	0.2	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0612	Residential	Ground	W	57	52	57	52	58	52	58	53	0.1	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0612	Residential	Ground	S	58	53	58	53	58	53	59	54	0.2	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0612	Residential	Ground	E	55	50	55	50	55	50	56	51	0.3	0.3	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0612	Residential	Ground	N	56	51	56	51	57	51	57	52	0	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0796	Residential	Ground	N	54	49	56	51	55	50	56	52	1.7	1.8	1.9	2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0796	Residential	Ground	N	54	49	56	51	54	50	56	52	1.8	1.7	1.9	2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0796	Residential	Ground	N	54	50	56	51	55	50	57	52	1.7	1.6	1.8	1.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0796	Residential	Ground	W	54	49	55	50	54	50	55	51	0.7	0.5	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0796	Residential	Ground	W	53	49	54	49	54	49	55	50	0.6	0.4	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0796	Residential	Ground	N	53	48	53	49	53	49	54	50	0.7	0.5	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0796	Residential	Ground	W	55	51	56	51	56	51	57	52	0.8	0.6	1.1	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0796	Residential	Ground	W	55	50	56	51	56	51	57	52	0.9	0.6	1	1.2	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04A	NCA04A.RES.0796	Residential	Ground	S	55	51	56	51	56	51	57	52	0.9	0.7	1.1	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0796	Residential	Ground	S	57	52	58	53	58	53	59	54	1	0.8	1.2	1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0796	Residential	Ground	S	57	52	58	53	58	53	59	54	0.9	0.7	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0796	Residential	Ground	E	56	51	57	52	57	52	58	53	0.9	0.7	1	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0796	Residential	Ground	N	54	49	55	50	55	50	56	51	0.9	0.7	1.1	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0796	Residential	Ground	E	54	49	55	50	55	50	56	51	0.8	0.6	0.9	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0798	Residential	Ground	W	58	53	58	53	58	53	59	54	0.1	0.1	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0798	Residential	Ground	S	56	51	57	52	57	52	57	52	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0798	Residential	Ground	E	57	52	57	53	57	52	58	53	0.4	0.5	0.7	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0798	Residential	Ground	E	56	51	57	52	57	52	58	53	0.5	0.5	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0798	Residential	Ground	N	55	50	55	50	56	50	56	51	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0799	Residential	Ground	W	58	53	58	53	59	53	59	54	0.1	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0799	Residential	Ground	S	56	51	56	51	56	51	57	52	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0799	Residential	Ground	E	57	52	57	52	57	52	58	53	0.4	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0799	Residential	Ground	N	54	49	55	50	55	50	55	50	0.3	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0800	Residential	Ground	W	57	52	58	53	58	53	58	53	0.2	0.2	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0800	Residential	Ground	S	57	52	57	52	57	52	58	53	0.4	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0800	Residential	Ground	E	56	51	57	52	56	51	57	53	0.5	0.5	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0800	Residential	Ground	N	54	49	54	49	55	49	55	50	0.3	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0801	Residential	Ground	W	58	53	58	53	58	53	58	54	0.1	0.1	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0801	Residential	Ground	S	55	50	56	50	56	50	56	51	0.2	0.4	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0801	Residential	Ground	SE	54	49	55	50	55	50	56	51	0.5	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0801	Residential	Ground	SE	54	49	55	50	55	50	55	51	0.6	0.5	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0801	Residential	Ground	E	55	50	56	51	56	51	57	52	0.6	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0801	Residential	Ground	E	54	49	54	49	54	49	55	50	0.6	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0801	Residential	Ground	E	55	50	55	51	55	50	56	51	0.6	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0801	Residential	Ground	N	54	49	55	49	55	50	55	50	0.3	0.4	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0802	Residential	Ground	W	58	53	58	53	58	53	58	53	0.2	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0802	Residential	Ground	S	55	50	55	50	55	50	56	51	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0802	Residential	Ground	E	56	51	56	51	56	51	57	52	0.5	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0802	Residential	Ground	E	53	48	54	49	54	49	54	50	0.5	0.6	0.8	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0802	Residential	Ground	E	55	50	55	51	55	50	56	51	0.7	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0802	Residential	Ground	E	53	48	54	49	54	49	55	50	0.6	0.7	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0802	Residential	Ground	E	54	49	55	50	55	50	56	51	0.7	0.8	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0802	Residential	Ground	N	53	48	54	49	54	49	54	49	0.4	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0803	Residential	Ground	W	58	53	58	53	58	53	59	54	0.1	0.1	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0803	Residential	Ground	S	56	51	56	51	56	51	57	52	0.2	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0803	Residential	Ground	E	55	50	56	51	56	51	57	52	0.6	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0803	Residential	Ground	N	53	48	53	48	53	48	54	49	0.4	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0803	Residential	Ground	E	53	48	54	49	54	49	55	50	0.6	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0803	Residential	Ground	N	56	51	56	51	57	51	57	52	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0814	Residential	Ground	W	59	54	59	54	59	54	59	54	0	0	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0814	Residential	Ground	S	56	51	56	51	57	51	57	52	0.3	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0814	Residential	Ground	E	56	51	56	51	56	51	57	52	0.5	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0814	Residential	Ground	N	53	48	54	49	54	49	54	49	0.4	0.4	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0814	Residential	Ground	E	54	49	54	49	54	49	55	50	0.4	0.5	0.7	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0814	Residential	Ground	N	55	49	55	50	55	50	56	50	0.2	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0815	Residential	Ground	W	56	50	56	51	56	51	56	51	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0815	Residential	Ground	S	55	50	56	51	56	51	56	52	0.4	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0815	Residential	Ground	E	56	51	57	52	56	51	58	53	0.9	0.8	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0815	Residential	Ground	E	56	52	58	53	57	52	58	53	1.1	1.1	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0815	Residential	Ground	E	56	51	57	52	56	51	58	53	1.2	1.1	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0815	Residential	Ground	N	54	49	54	49	54	49	55	50	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0816	Residential	Ground	W	59	54	59	54	59	54	60	55	0	0	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0816	Residential	Ground	S	55	50	55	50	55	50	56	51	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0816	Residential	Ground	E	55	51	56	51	56	51	57	52	0.6	0.5	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0816	Residential	Ground	N	55	50	55	50	55	50	56	51	0.2	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0817	Residential	Ground	W	59	54	59	54	59	55	60	55	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0817	Residential	Ground	S	57	52	57	52	57	52	58	53	0.3	0.3	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0817	Residential	Ground	E	57	52	57	52	57	52	58	53	0.4	0.5	0.8	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0817	Residential	Ground	N	54	49	54	49	54	49	55	50	0.3	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0817	Residential	Ground	E	55	50	55	50	55	50	56	51	0.4	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0817	Residential	Ground	N	55	50	55	50	55	50	56	51	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0818	Residential	Ground	W	57	52	57	52	57	52	58	53	0.3	0.3	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0818	Residential	Ground	S	57	52	58	53	58	53	58	53	0.3	0.4	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0818	Residential	Ground	W	57	52	58	53	58	53	58	53	0.3	0.4	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0818	Residential	Ground	S	56	51	57	52	57	52	58	53	0.4	0.4	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0818	Residential	Ground	E	57	52	58	53	57	52	59	54	1.1	1.1	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0818	Residential	Ground	S	57	52	58	53	57	52	59	54	1.1	1.1	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0818	Residential	Ground	E	57	52	58	53	57	52	59	54	1.2	1.1	1.4	1.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0818	Residential	Ground	N	54	49	54	49	54	49	55	50	0.4	0.5	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0819	Residential	Ground	N	55	50	55	50	55	50	56	51	0.3	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0819	Residential	Ground	W	57	53	58	53	58	53	58	54	0.3	0.3	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0819	Residential	Ground	S	55	50	55	50	56	50	56	51	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04A	NCA04A.RES.0819	Residential	Ground	E	56	51	56	51	56	51	57	52	0.5	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0819	Residential	Ground	S	56	51	56	52	56	51	57	52	0.6	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0819	Residential	Ground	E	57	52	58	53	57	52	59	54	1	1	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0820	Residential	Ground	W	58	53	58	53	58	53	59	54	0.2	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0820	Residential	Ground	S	56	51	56	51	57	51	57	52	0.3	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0820	Residential	Ground	E	57	52	57	52	57	52	58	53	0.6	0.6	0.9	1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0820	Residential	Ground	S	57	52	58	53	57	52	58	54	0.7	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0820	Residential	Ground	E	58	53	59	54	58	53	60	55	1.2	1.1	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0820	Residential	Ground	E	58	53	59	54	58	53	60	55	1.1	1.1	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0820	Residential	Ground	E	58	53	59	54	58	53	60	55	1.2	1.2	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0820	Residential	Ground	N	55	50	55	50	55	50	56	51	0.4	0.4	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0821	Residential	Ground	W	58	53	58	53	58	53	59	54	0.5	0.5	0.8	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0821	Residential	Ground	W	56	51	56	51	56	51	57	52	0.1	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0821	Residential	Ground	W	59	54	59	54	59	54	60	55	0.5	0.5	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0821	Residential	Ground	S	58	53	59	54	58	54	59	55	0.5	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0821	Residential	Ground	E	60	55	61	56	60	55	61	57	1	1.1	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0821	Residential	Ground	N	55	50	55	50	55	50	56	51	0.4	0.4	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0822	Residential	Ground	W	57	52	58	53	58	53	59	54	0.6	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0822	Residential	Ground	S	58	53	58	53	58	53	59	54	0.6	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0822	Residential	Ground	W	57	53	58	53	58	53	59	54	0.6	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0822	Residential	Ground	S	55	50	56	51	56	51	56	51	0.5	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0822	Residential	Ground	E	59	54	60	55	59	54	61	56	1.1	1.2	1.4	1.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0822	Residential	Ground	N	52	48	53	48	53	48	54	49	1	0.9	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0822	Residential	Ground	E	53	48	54	49	54	49	55	50	0.9	0.8	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0822	Residential	Ground	N	52	47	52	47	52	47	53	48	0.5	0.6	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0823	Residential	Ground	W	59	54	59	55	59	54	60	55	0.9	0.9	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0823	Residential	Ground	S	57	52	57	52	57	52	58	53	0.3	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0823	Residential	Ground	E	57	52	58	53	58	53	59	54	0.8	0.9	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0823	Residential	Ground	N	55	50	55	50	55	50	56	51	0.3	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0824	Residential	Ground	W	58	53	59	54	58	53	59	55	0.7	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0824	Residential	Ground	S	58	53	58	53	58	53	59	54	0.5	0.5	0.8	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0824	Residential	Ground	W	58	53	58	53	58	53	59	54	0.5	0.6	0.8	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0824	Residential	Ground	W	58	53	58	53	58	53	59	54	0.4	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0824	Residential	Ground	S	58	52	58	53	58	53	59	54	0.4	0.5	0.7	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0824	Residential	Ground	E	57	52	57	52	57	52	58	53	0.8	0.8	1.1	1.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0824	Residential	Ground	S	57	52	57	52	57	52	58	53	0.7	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0824	Residential	Ground	E	56	51	57	52	57	52	58	53	0.7	0.6	1	1.2	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0824	Residential	Ground	N	54	49	55	50	55	50	55	50	0.3	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0825	Residential	Ground	W	57	52	58	53	57	52	58	54	0.6	0.6	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0825	Residential	Ground	S	57	52	58	53	57	52	58	54	0.7	0.7	1	1.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0825	Residential	Ground	W	56	51	56	52	56	51	57	52	0.5	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0825	Residential	Ground	S	57	52	58	53	58	53	59	54	1	1	1.2	1.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0825	Residential	Ground	E	59	54	60	55	59	54	60	55	1	1	1.2	1.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0825	Residential	Ground	N	54	49	55	50	54	49	55	50	0.5	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0825	Residential	Ground	N	53	48	53	49	53	48	54	49	0.5	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0825	Residential	Ground	N	54	49	55	50	55	50	55	51	0.5	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0826	Residential	Ground	W	57	52	57	52	57	52	58	53	0.4	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0826	Residential	Ground	S	55	50	55	50	55	50	56	51	0.4	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0826	Residential	Ground	E	57	52	58	53	57	52	58	54	0.9	0.9	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0826	Residential	Ground	N	54	49	55	50	55	50	55	50	0.4	0.5	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0827	Residential	Ground	W	57	52	58	53	57	52	58	53	0.7	0.6	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0827	Residential	Ground	S	57	52	57	52	57	52	58	53	0.6	0.5	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0827	Residential	Ground	E	57	52	58	53	58	53	59	54	1	1.1	1.3	1.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0827	Residential	Ground	E	55	50	56	51	56	51	57	52	1	0.9	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0827	Residential	Ground	E	57	52	58	53	57	52	59	54	0.9	1	1.2	1.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0827	Residential	Ground	E	55	50	56	51	56	51	57	52	1	1	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0827	Residential	Ground	N	56	51	57	52	56	51	58	53	1.1	1	1.3	1.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0827	Residential	Ground	N	54	49	55	49	54	49	55	50	0.5	0.5	0.8	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0859	Residential	Ground	W	60	55	60	55	60	55	61	56	0	0	0.3	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0859	Residential	Ground	N	59	54	59	54	60	54	60	55	-0.3	-0.3	0.1	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0859	Residential	Ground	W	60	55	60	56	61	56	61	56	0.1	0.1	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0859	Residential	Ground	S	60	55	60	55	60	56	61	56	0.1	0.1	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0859	Residential	Ground	E	58	53	59	54	59	54	60	55	0.7	0.6	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0859	Residential	Ground	N	56	51	56	51	56	51	57	52	0.4	0.3	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0860	Residential	Ground	W	58	54	59	54	59	54	60	55	0.8	0.7	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0860	Residential	Ground	S	60	55	61	56	60	56	62	57	0.8	0.7	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0860	Residential	Ground	E	59	54	60	55	59	55	60	56	1	0.9	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0860	Residential	Ground	S	59	54	60	55	59	54	60	56	1.1	0.9	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0860	Residential	Ground	E	58	54	60	55	59	54	60	56	1.2	1	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0860	Residential	Ground	N	56	51	56	51	56	51	57	52	0.3	0.3	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0861	Residential	Ground	W	58	54	59	54	59	54	60	55	0.9	0.8	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0861	Residential	Ground	S	58	54	59	54	59	54	60	55	0.4	0.3	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0861	Residential	Ground	E	58	54	59	55	59	54	60	56	1.2	1.1	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0861	Residential	Ground	E	56	52	57	52	57	52	58	53	0.8	0.6	0.9	1.2	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0861	Residential	Ground	E	58	53	59	54	58	54	60	55	1.1	0.9	1.3	1.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0861	Residential	Ground	N	55	50	56	51	56	51	56	52	0.6	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0862	Residential	Ground	W	60	55	61	56	61	56	61	57	0.4	0.5	0.7	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0862	Residential	Ground	S	61	56	61	56	61	57	62	57	0.3	0.2	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0862	Residential	Ground	E	57	53	58	53	58	53	59	54	0.7	0.5	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0862	Residential	Ground	N	55	51	56	51	56	51	57	52	0.4	0.3	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0863	Residential	Ground	W	61	56	61	56	61	56	62	57	0.6	0.7	1	1.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0863	Residential	Ground	S	60	55	61	56	61	56	62	57	0.5	0.5	0.8	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0863	Residential	Ground	E	57	53	58	53	58	53	59	54	0.9	0.7	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0863	Residential	Ground	S	58	53	59	54	59	54	60	55	0.9	0.8	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0863	Residential	Ground	E	57	52	58	53	57	53	59	54	1.1	1	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0863	Residential	Ground	N	55	50	55	50	55	50	56	51	0.4	0.4	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0863	Residential	Ground	W	59	54	59	54	60	54	60	55	0	0.1	0.4	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0863	Residential	Ground	N	58	53	58	53	59	54	59	54	-0.2	-0.2	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0863	Residential	Ground	W	59	54	59	54	59	54	60	55	-0.1	0	0.3	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0863	Residential	Ground	N	59	54	59	54	59	54	60	55	-0.2	-0.1	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0864	Residential	Ground	W	57	52	57	52	57	52	58	53	0.5	0.4	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0864	Residential	Ground	S	58	53	59	54	59	54	60	55	0.8	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0864	Residential	Ground	E	58	53	59	54	59	54	60	55	0.9	0.7	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0864	Residential	Ground	S	58	53	59	54	59	54	60	55	0.9	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0864	Residential	Ground	E	58	54	59	54	59	54	60	56	1	0.9	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0864	Residential	Ground	S	59	54	60	55	59	55	61	56	1.1	1	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0864	Residential	Ground	E	58	53	59	54	59	54	60	56	1.3	1.1	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0864	Residential	Ground	N	55	50	55	50	55	50	56	51	0.5	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0865	Residential	Ground	W	60	55	60	55	60	55	61	56	0.7	0.7	1	1.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0865	Residential	Ground	S	60	55	61	56	60	55	61	57	0.6	0.7	0.9	1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0865	Residential	Ground	W	60	55	60	55	60	55	61	56	0.5	0.6	0.8	1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0865	Residential	Ground	S	59	54	59	54	60	55	60	55	0.1	0.1	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0865	Residential	Ground	E	57	52	58	53	57	53	59	54	0.8	0.6	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0865	Residential	Ground	N	54	49	55	50	55	50	55	51	0.5	0.4	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0865	Residential	Ground	E	54	50	55	50	55	50	56	51	0.5	0.4	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0865	Residential	Ground	N	54	50	55	50	55	50	56	51	0.5	0.4	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0866	Residential	Ground	W	57	52	58	53	58	53	59	54	0.7	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0866	Residential	Ground	S	58	53	58	54	58	53	59	55	0.6	0.5	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0866	Residential	Ground	E	57	53	59	54	58	53	59	55	1.2	1	1.3	1.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0866	Residential	Ground	S	58	53	59	54	58	54	60	55	1.2	1.1	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0866	Residential	Ground	E	58	53	59	54	58	54	60	55	1.4	1.1	1.5	1.8	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0866	Residential	Ground	N	54	49	55	50	54	50	55	51	0.5	0.4	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0867	Residential	Ground	W	59	54	60	55	60	55	61	56	0.7	0.8	1	1.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0867	Residential	Ground	S	58	53	58	53	58	53	59	54	0.6	0.5	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0867	Residential	Ground	E	56	52	57	52	57	52	58	53	0.9	0.7	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0867	Residential	Ground	N	54	49	54	49	54	49	55	50	0.5	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0867	Residential	Ground	N	53	48	53	48	53	48	54	49	0.5	0.4	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0867	Residential	Ground	N	56	51	56	51	56	51	56	52	0.2	0.2	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0868	Residential	Ground	W	57	52	58	53	57	53	59	54	0.8	0.7	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0868	Residential	Ground	S	58	53	59	54	58	53	59	55	0.7	0.6	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0868	Residential	Ground	S	57	53	58	53	58	53	59	54	0.6	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0868	Residential	Ground	SW	56	52	57	52	57	52	58	53	0.5	0.4	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0868	Residential	Ground	SE	57	53	59	54	58	53	60	55	1.4	1.1	1.5	1.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0868	Residential	Ground	NE	55	51	56	51	56	51	57	52	0.8	0.6	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0868	Residential	Ground	NE	55	50	55	50	55	50	56	51	0.6	0.5	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0868	Residential	Ground	N	54	49	54	50	54	50	55	50	0.5	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0954	Residential	Ground	E	58	54	59	54	59	54	60	56	1	0.7	1.2	1.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0954	Residential	Ground	N	55	51	56	51	56	51	56	52	0.3	0.2	0.7	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0954	Residential	Ground	W	55	51	56	51	56	51	56	52	0.2	0.1	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0954	Residential	Ground	N	55	51	56	51	56	51	56	52	0.2	0.2	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0954	Residential	Ground	W	59	54	60	55	59	54	61	56	1.2	1.1	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0954	Residential	Ground	W	58	54	60	55	59	54	60	56	1.2	1	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0954	Residential	Ground	W	59	54	60	55	59	55	61	56	1.1	1	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0954	Residential	Ground	S	57	52	57	52	57	53	58	53	0.4	0.2	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0955	Residential	Ground	W	57	52	58	53	58	53	59	54	0.9	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0955	Residential	Ground	S	58	53	59	54	59	54	60	55	0.7	0.5	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0955	Residential	Ground	W	58	53	58	54	58	54	59	55	0.6	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0955	Residential	Ground	S	59	54	59	54	59	55	60	56	0.6	0.4	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0955	Residential	Ground	E	59	55	60	55	60	55	61	57	0.9	0.6	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0955	Residential	Ground	N	57	52	58	53	57	52	58	54	1	0.8	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0955	Residential	Ground	E	58	54	59	54	59	54	60	56	1	0.7	1.1	1.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0955	Residential	Ground	N	55	50	56	51	56	51	57	52	1	0.8	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0956	Residential	Ground	W	59	54	60	55	59	55	61	56	1.1	1	1.3	1.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0956	Residential	Ground	E	58	54	59	54	59	54	60	55	0.6	0.4	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0956	Residential	Ground	N	56	51	56	51	56	51	57	52	0.3	0.1	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0957	Residential	Ground	W	59	54	60	55	60	55	61	57	1.1	1	1.4	1.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0957	Residential	Ground	S	59	55	60	55	60	55	61	56	0.4	0.2	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0957	Residential	Ground	E	59	54	59	55	59	54	60	56	0.9	0.7	1.2	1.3	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04A	NCA04A.RES.0958	Residential	Ground	W	58	53	58	54	58	54	59	55	0.6	0.5	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0958	Residential	Ground	S	58	54	59	54	59	54	60	55	0.5	0.3	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0958	Residential	Ground	E	60	55	61	56	61	56	62	57	0.8	0.6	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0958	Residential	Ground	N	56	51	56	51	56	52	57	53	0.5	0.4	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0958	Residential	Ground	E	56	51	56	51	56	51	57	52	0.6	0.4	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0958	Residential	Ground	N	56	51	57	52	57	52	58	53	0.7	0.5	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0958	Residential	Ground	N	54	50	55	50	55	50	56	51	0.3	0.2	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0958	Residential	Ground	N	55	50	55	50	55	50	56	51	0.3	0.1	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0958	Residential	Ground	N	55	50	56	51	56	51	56	52	0.5	0.3	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0959	Residential	Ground	W	59	54	60	56	60	55	61	57	1.2	1.1	1.5	1.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0959	Residential	Ground	W	59	55	60	56	60	55	61	57	1.2	1.1	1.5	1.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0959	Residential	Ground	W	59	55	61	56	60	55	61	57	1.3	1.1	1.5	1.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0959	Residential	Ground	S	59	54	60	55	60	55	61	56	1	1	1.3	1.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0959	Residential	Ground	W	59	54	60	55	59	55	61	56	1	0.9	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0959	Residential	Ground	S	58	53	58	54	59	54	59	55	0.3	0.2	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0959	Residential	Ground	E	57	53	58	53	58	53	59	55	0.9	0.7	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0959	Residential	Ground	N	56	51	56	51	56	51	57	52	0.3	0.3	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0960	Residential	Ground	W	59	54	60	55	59	55	61	56	1.3	1.2	1.5	1.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0960	Residential	Ground	S	59	55	61	56	60	55	61	57	1.2	1.2	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0960	Residential	Ground	S	58	54	59	54	59	54	60	55	0.6	0.4	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0960	Residential	Ground	E	57	52	58	53	58	53	59	54	0.9	0.7	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0960	Residential	Ground	N	56	51	56	51	56	51	57	52	0.2	0.1	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0960	Residential	Ground	N	56	51	56	51	56	51	57	52	0.3	0.2	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0961	Residential	Ground	W	58	53	59	54	59	54	60	55	0.8	0.7	1	1.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0961	Residential	Ground	S	60	55	61	56	61	56	62	57	0.9	0.8	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0961	Residential	Ground	E	59	54	60	55	59	54	60	56	1.1	1	1.3	1.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0961	Residential	Ground	N	55	50	55	51	55	51	56	52	0.4	0.4	0.8	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0964	Residential	Ground	W	58	54	59	55	59	54	60	56	1	0.8	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0964	Residential	Ground	S	59	54	59	54	59	54	60	55	0.4	0.2	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0964	Residential	Ground	E	57	53	58	53	58	53	59	54	0.4	0.1	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0964	Residential	Ground	N	55	51	56	51	56	51	57	52	0.7	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0965	Residential	Ground	W	57	52	57	52	57	53	58	54	0.5	0.3	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0965	Residential	Ground	S	61	56	61	56	61	57	62	57	0.2	-0.1	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0965	Residential	Ground	E	58	53	58	53	58	54	59	54	0.5	0.1	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0965	Residential	Ground	N	55	51	56	51	56	51	57	52	0.8	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0966	Residential	Ground	N	55	51	56	51	56	51	57	52	0.6	0.5	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0966	Residential	Ground	W	55	50	55	50	55	50	56	51	0.4	0.1	0.6	0.8	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0966	Residential	Ground	N	55	50	55	50	55	50	56	51	0.3	0.2	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0966	Residential	Ground	W	57	52	58	53	58	53	59	54	0.6	0.4	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0966	Residential	Ground	S	58	53	58	53	58	54	59	55	0.4	0.2	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0966	Residential	Ground	S	59	54	59	54	59	55	60	56	0.5	0.2	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0966	Residential	Ground	S	59	54	59	54	59	55	60	56	0.5	0.2	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0966	Residential	Ground	S	59	54	60	55	60	55	60	56	0.6	0.4	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0966	Residential	Ground	E	55	51	56	51	56	51	56	52	0.4	0.1	0.7	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0967	Residential	Ground	W	55	50	55	50	55	51	56	51	0.3	0.1	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0967	Residential	Ground	S	58	53	58	53	58	53	59	54	0.5	0.3	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0967	Residential	Ground	W	58	53	58	53	58	54	59	54	0.5	0.3	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0967	Residential	Ground	S	60	55	60	56	60	56	61	57	0.6	0.3	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0967	Residential	Ground	E	61	56	61	56	61	57	62	57	0.5	0.2	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0967	Residential	Ground	E	60	56	61	56	61	56	62	57	0.5	0.2	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0967	Residential	Ground	E	60	56	61	56	61	56	62	57	0.6	0.2	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0967	Residential	Ground	N	55	51	56	51	56	51	57	52	0.6	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0968	Residential	Ground	N	56	51	56	51	56	51	57	52	0.5	0.3	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0968	Residential	Ground	W	59	54	59	54	59	55	60	55	0.1	-0.1	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0968	Residential	Ground	W	59	54	59	54	59	55	60	55	0.3	-0.1	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0968	Residential	Ground	S	57	53	58	53	58	53	59	54	0.3	0	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0968	Residential	Ground	E	56	51	56	51	56	52	57	53	0.4	0.1	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0968	Residential	Ground	N	55	50	55	51	55	51	56	52	0.5	0.3	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0968	Residential	Ground	E	55	50	55	50	55	51	56	52	0.6	0.4	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0969	Residential	Ground	W	55	51	56	51	56	51	57	52	0.3	0.1	0.7	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0969	Residential	Ground	S	59	54	60	55	60	55	60	56	0.5	0.2	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0969	Residential	Ground	E	55	50	55	50	55	50	56	51	0.4	0.1	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0969	Residential	Ground	N	55	50	56	51	56	51	56	52	0.6	0.3	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0970	Residential	Ground	W	54	50	55	50	55	50	55	51	0.4	0.1	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0970	Residential	Ground	S	60	55	60	55	60	56	61	57	0.5	0.2	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0970	Residential	Ground	S	59	55	60	55	60	55	61	56	0.5	0.1	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0970	Residential	Ground	S	60	56	61	56	61	56	61	57	0.4	0.1	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0970	Residential	Ground	SE	59	55	60	55	60	55	60	56	0.4	0	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0970	Residential	Ground	S	60	55	60	55	60	55	61	56	0.3	0.1	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0970	Residential	Ground	E	58	54	59	54	59	54	60	55	0.5	0.1	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0970	Residential	Ground	N	52	47	52	47	52	48	53	48	0.4	0.1	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0970	Residential	Ground	W	50	45	50	45	50	46	51	46	0.3	0.1	0.7	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0970	Residential	Ground	NE	49	45	50	45	50	45	51	46	0.3	0.1	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.0970	Residential	Ground	E	50	45	50	45	50	46	51	46	0.3	0.1	0.6	0.7	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.0970	Residential	Ground	N	52	48	53	48	53	48	54	49	0.6	0.4	0.8	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1044	Residential	Ground	W	52	48	53	48	53	48	54	49	0.7	0.4	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1044	Residential	Ground	S	57	52	58	53	57	53	58	54	0.8	0.5	0.9	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1044	Residential	Ground	S	56	52	57	52	57	52	58	53	0.7	0.5	0.9	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1044	Residential	Ground	E	52	47	52	47	52	48	53	48	0.6	0.4	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1044	Residential	Ground	N	54	49	56	51	54	49	56	52	2.2	2.1	2.2	2.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1045	Residential	Ground	W	52	47	52	47	52	48	53	48	0.5	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1045	Residential	Ground	S	58	54	59	54	59	54	60	55	0.8	0.5	1	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1045	Residential	Ground	E	57	53	58	53	58	53	59	54	0.9	0.6	1	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1045	Residential	Ground	N	54	49	55	50	54	50	55	51	0.8	0.6	0.9	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1045	Residential	Ground	E	55	50	56	51	55	51	56	52	0.8	0.7	0.9	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1045	Residential	Ground	S	56	51	56	51	56	52	57	52	0.7	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1045	Residential	Ground	E	56	51	57	52	57	52	58	53	0.7	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1045	Residential	Ground	N	55	51	57	52	56	51	58	53	1.6	1.5	1.6	1.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1045	Residential	Ground	E	56	51	58	53	57	52	58	54	1.6	1.4	1.6	1.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1045	Residential	Ground	N	56	51	57	52	56	51	58	53	1.6	1.5	1.7	1.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1046	Residential	Ground	N	55	51	57	52	56	51	57	53	1.3	1.3	1.5	1.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1046	Residential	Ground	W	54	50	55	50	55	50	56	51	0.8	0.6	1	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1046	Residential	Ground	S	58	54	59	54	59	54	60	55	0.9	0.8	1.1	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1046	Residential	Ground	E	58	53	59	54	59	54	60	55	1.1	0.9	1.3	1.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1046	Residential	Ground	E	58	53	59	54	58	54	59	55	1.1	0.9	1.3	1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1052	Residential	Ground	W	53	48	54	49	54	49	54	50	0.5	0.4	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1052	Residential	Ground	S	57	52	57	53	57	52	58	54	0.9	0.8	1.1	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1052	Residential	Ground	E	55	51	56	51	56	51	57	52	1	0.8	1.1	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1052	Residential	Ground	S	56	51	56	52	56	51	57	53	0.9	0.7	1.1	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1052	Residential	Ground	E	57	52	58	53	57	53	58	54	0.9	0.8	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1052	Residential	Ground	N	57	51	58	53	57	52	58	53	1	1.1	0.9	1.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1052	Residential	Ground	E	57	52	58	53	57	52	58	53	0.9	1.1	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1052	Residential	Ground	N	58	52	59	53	59	53	59	54	0.7	0.9	0.7	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1053	Residential	Ground	W	55	50	55	50	55	50	56	51	0.4	0.4	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1053	Residential	Ground	S	56	52	57	52	57	52	58	53	0.9	0.8	1.1	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1053	Residential	Ground	E	53	48	54	49	54	49	54	50	0.5	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1053	Residential	Ground	N	58	52	59	53	58	53	59	54	0.7	1	0.7	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1054	Residential	Ground	W	54	49	54	49	54	49	55	50	0.7	0.5	0.8	0.9	59	54	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1054	Residential	Ground	S	55	51	56	51	56	51	57	52	0.8	0.6	1	1	59	54	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1054	Residential	Ground	W	54	50	55	50	55	50	56	51	0.8	0.6	0.9	1	59	54	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1054	Residential	Ground	S	56	51	57	52	56	51	57	53	1.1	0.9	1.1	1.2	59	54	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04A	NCA04A.RES.1054	Residential	Ground	E	57	52	58	53	57	52	58	53	1	1	1.2	1.2	59	54	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1054	Residential	Ground	N	56	51	57	52	57	51	57	52	0.8	0.9	0.8	1	59	54	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1054	Residential	Ground	E	57	51	58	52	57	52	58	53	1	1.2	1	1.3	59	54	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1054	Residential	Ground	N	58	52	58	53	58	53	59	54	0.7	0.9	0.8	1	59	54	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1055	Residential	Ground	N	57	52	58	53	58	52	59	53	0.6	0.9	0.7	1	59	54	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1055	Residential	Ground	W	54	49	54	49	55	49	55	50	0.3	0.3	0.4	0.6	59	54	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1055	Residential	Ground	W	53	48	53	48	54	48	54	49	0.3	0.4	0.4	0.6	59	54	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1055	Residential	Ground	W	53	48	54	49	54	49	55	50	0.5	0.5	0.6	0.7	59	54	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1055	Residential	Ground	S	56	51	57	52	57	52	58	53	1.1	1	1.3	1.2	59	54	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1055	Residential	Ground	E	56	51	57	52	56	52	58	53	1	0.8	1.2	1.1	59	54	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1055	Residential	Ground	S	56	51	57	52	56	52	57	53	0.9	0.7	1.1	1.1	59	54	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1055	Residential	Ground	E	54	49	54	49	54	49	55	50	0.6	0.5	0.7	0.8	59	54	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1056	Residential	Ground	N	59	52	59	53	59	53	60	54	0.7	1	0.7	1.1	59	54	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1056	Residential	Ground	N	56	49	56	50	56	50	56	50	-0.1	0.2	-0.1	0.2	59	54	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1056	Residential	Ground	N	57	51	58	52	58	51	58	53	0.7	1.2	0.6	1.2	59	54	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1056	Residential	Ground	W	55	50	56	50	56	50	56	51	0.4	0.5	0.5	0.8	59	54	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1056	Residential	Ground	S	54	50	55	50	55	50	56	51	1	0.8	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1056	Residential	Ground	W	53	48	54	49	54	49	55	50	0.7	0.6	0.9	1	59	54	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1056	Residential	Ground	S	55	50	56	51	56	51	57	52	1.1	1	1.3	1.3	59	54	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1056	Residential	Ground	E	56	51	57	52	57	52	58	53	1	1.2	1.1	1.3	59	54	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1057	Residential	Ground	W	54	49	55	50	54	50	55	51	0.7	0.6	0.9	1	59	54	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1057	Residential	Ground	S	57	53	59	54	58	53	59	55	1.1	0.9	1.2	1.2	59	54	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1057	Residential	Ground	E	58	53	59	54	58	54	60	55	1.3	1.2	1.3	1.3	59	54	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1057	Residential	Ground	E	58	53	59	54	58	54	60	55	1.3	1.2	1.3	1.3	59	54	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1057	Residential	Ground	E	58	54	59	55	59	54	60	55	1.2	1.1	1.3	1.3	59	54	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1080	Residential	Ground	W	53	48	53	48	54	48	54	49	0.3	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1080	Residential	Ground	N	53	48	53	48	53	48	54	49	0.3	0.3	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1080	Residential	Ground	E	54	49	55	50	55	50	55	51	0.5	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1080	Residential	Ground	N	53	48	54	49	54	49	54	49	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1080	Residential	Ground	E	54	49	54	49	54	49	55	50	0.4	0.5	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1080	Residential	Ground	N	55	50	56	50	56	51	56	51	0.2	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1080	Residential	Ground	W	60	55	60	55	60	55	61	56	0	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1080	Residential	Ground	S	60	55	60	55	60	55	61	56	0.1	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1080	Residential	Ground	W	59	54	59	54	60	55	60	55	0	0.1	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1080	Residential	Ground	S	58	53	59	54	59	54	59	54	0.2	0.2	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1080	Residential	Ground	W	58	53	58	53	58	53	59	54	0.2	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1080	Residential	Ground	S	58	53	59	54	59	54	59	54	0.3	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04A	NCA04A.RES.1080	Residential	Ground	E	55	51	56	51	56	51	56	52	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1080	Residential	Ground	N	54	48	54	49	54	49	55	50	0.3	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1089	Residential	Ground	NW	58	54	58	53	59	54	59	54	-0.3	-0.7	0	-0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1089	Residential	Ground	SW	66	62	64	59	67	62	65	61	-2	-2.4	-1.8	-1.9	60	55	YES	YES	YES	YES	YES
NCA04A	NCA04A.RES.1089	Residential	Ground	SE	61	56	60	55	61	57	61	56	-0.8	-1.1	-0.5	-0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1089	Residential	Ground	NE	59	54	58	53	59	55	59	54	-0.4	-0.7	-0.2	-0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1090	Residential	Ground	NW	58	53	57	52	58	53	58	53	-0.2	-0.6	0	0	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1090	Residential	Ground	SW	60	56	60	55	61	56	61	56	-0.5	-0.8	-0.2	-0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1090	Residential	Ground	SE	60	56	60	55	61	56	61	56	-0.4	-0.6	-0.1	-0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1090	Residential	Ground	NE	61	57	61	56	62	57	62	57	-0.8	-1	-0.4	-0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1091	Residential	Ground	NW	58	54	58	53	59	54	59	54	-0.1	-0.3	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1091	Residential	Ground	SW	64	60	63	58	65	60	64	59	-1.1	-1.5	-0.9	-1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1091	Residential	Ground	SE	61	56	60	55	61	57	61	56	-0.5	-0.8	-0.2	-0.2	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1091	Residential	Ground	NE	65	60	63	58	65	61	64	59	-1.3	-1.7	-1.1	-1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1092	Residential	Ground	NW	57	52	57	52	57	53	58	53	-0.2	-0.4	0.1	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1092	Residential	Ground	SW	60	55	59	54	60	55	60	55	-0.3	-0.6	0	-0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1092	Residential	Ground	SE	59	54	59	54	60	55	60	55	-0.3	-0.6	0	-0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1092	Residential	Ground	NE	60	55	60	55	61	56	61	56	-0.3	-0.6	-0.1	-0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1093	Residential	Ground	NW	58	54	58	53	59	54	59	55	0.1	-0.2	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1093	Residential	Ground	SW	63	58	62	57	64	59	63	59	-0.5	-0.9	-0.3	-0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1093	Residential	Ground	SE	60	56	60	55	61	56	61	56	-0.2	-0.4	0.1	0.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1093	Residential	Ground	NE	61	56	60	55	61	56	61	56	-0.7	-1	-0.4	-0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1094	Residential	Ground	W	57	53	58	53	58	53	59	54	0.6	0.3	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1094	Residential	Ground	S	60	55	61	56	61	56	62	57	0.8	0.5	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1094	Residential	Ground	E	58	53	59	54	59	54	59	55	0.6	0.4	0.8	0.8	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1094	Residential	Ground	N	55	51	56	51	56	51	56	52	0.4	0.2	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1095	Residential	Ground	N	55	50	55	50	56	51	56	52	0.3	0	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1095	Residential	Ground	W	58	54	59	54	59	54	60	55	0.7	0.4	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1095	Residential	Ground	S	57	52	57	52	57	53	58	53	0	-0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1095	Residential	Ground	E	58	53	58	53	58	53	58	54	0.2	-0.1	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1096	Residential	Ground	N	55	51	56	51	56	51	56	52	0.1	-0.1	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1096	Residential	Ground	W	58	54	59	54	59	54	59	55	0.5	0.2	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1096	Residential	Ground	S	60	56	61	56	61	56	61	57	0.2	-0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04A	NCA04A.RES.1096	Residential	Ground	E	60	55	60	55	60	56	60	56	-0.1	-0.3	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.CEM.0001	Places of worship	Ground	W	54	49	54	49	54	49	55	50	0.5	0.6	0.8	1	50	50	YES	NO	NO	NO	YES
NCA04B	NCA04B.CEM.0001	Places of worship	Ground	N	52	47	52	47	52	47	53	47	-0.1	-0.2	0.1	0.1	50	50	NO	NO	NO	NO	NO
NCA04B	NCA04B.CEM.0001	Places of worship	Ground	W	54	49	54	49	54	49	55	50	0.5	0.7	0.9	1	50	50	YES	NO	NO	NO	YES

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.CEM.0001	Places of worship	Ground	N	52	47	52	47	53	47	53	48	-0.2	-0.1	0.1	0.2	50	50	NO	NO	NO	NO	NO
NCA04B	NCA04B.CEM.0001	Places of worship	Ground	W	55	50	56	51	55	50	57	52	1.3	1.4	1.6	1.9	50	50	YES	NO	NO	NO	YES
NCA04B	NCA04B.CEM.0001	Places of worship	Ground	S	56	51	58	53	56	52	58	54	1.9	1.8	2	2.3	50	50	YES	NO	NO	NO	YES
NCA04B	NCA04B.CEM.0001	Places of worship	Ground	E	52	47	54	49	52	48	55	50	2.5	2.3	2.7	2.9	50	50	YES	NO	NO	NO	YES
NCA04B	NCA04B.CEM.0001	Places of worship	Ground	S	51	46	53	48	51	46	54	49	2.6	2.5	2.8	3.1	50	50	NO	NO	NO	NO	YES
NCA04B	NCA04B.CEM.0001	Places of worship	Ground	E	45	40	47	43	46	41	48	43	2.3	2.4	2.5	2.9	50	50	NO	NO	NO	NO	NO
NCA04B	NCA04B.CEM.0001	Places of worship	Ground	S	44	39	46	41	44	39	47	42	2	2.1	2.3	2.7	50	50	NO	NO	NO	NO	NO
NCA04B	NCA04B.CEM.0001	Places of worship	Ground	W	48	43	50	45	48	43	51	46	2.3	2.4	2.5	3	50	50	NO	NO	NO	NO	YES
NCA04B	NCA04B.CEM.0001	Places of worship	Ground	S	56	51	58	53	56	52	59	54	2	1.9	2.3	2.4	50	50	YES	NO	NO	NO	YES
NCA04B	NCA04B.CEM.0001	Places of worship	Ground	E	54	49	56	51	54	50	57	52	2.7	2.5	2.7	2.9	50	50	YES	NO	NO	NO	YES
NCA04B	NCA04B.CEM.0001	Places of worship	Ground	N	49	44	52	47	50	45	52	48	2.8	2.7	2.7	2.9	50	50	NO	NO	NO	NO	YES
NCA04B	NCA04B.CEM.0001	Places of worship	Ground	E	48	44	51	46	49	44	52	47	2.7	2.7	2.8	2.8	50	50	NO	NO	NO	NO	YES
NCA04B	NCA04B.CEM.0001	Places of worship	Ground	N	49	44	51	47	49	45	52	47	2.6	2.6	2.7	2.7	50	50	NO	NO	NO	NO	YES
NCA04B	NCA04B.CEM.0001	Places of worship	Ground	E	49	45	52	48	50	45	53	48	2.9	2.8	2.9	3	50	50	NO	NO	NO	NO	YES
NCA04B	NCA04B.CEM.0001	Places of worship	Ground	S	52	48	55	50	53	48	55	51	2.6	2.4	2.6	2.7	50	50	YES	NO	NO	NO	YES
NCA04B	NCA04B.CEM.0001	Places of worship	Ground	E	53	49	56	51	54	49	57	52	2.7	2.6	2.8	3	50	50	YES	NO	NO	NO	YES
NCA04B	NCA04B.CEM.0001	Places of worship	Ground	N	45	40	48	43	45	40	48	44	3	3.3	3.1	3.5	50	50	NO	NO	NO	NO	NO
NCA04B	NCA04B.CEM.0001	Places of worship	Ground	E	50	45	52	48	50	46	53	49	2.5	2.6	2.6	2.8	50	50	NO	NO	NO	NO	YES
NCA04B	NCA04B.CEM.0001	Places of worship	Ground	N	51	46	52	47	52	46	53	48	1.1	1.3	1.2	1.5	50	50	NO	NO	NO	NO	NO
NCA04B	NCA04B.OPW.0104	Places of worship	Ground	N	53	49	55	50	54	49	55	51	1.3	1.2	1.5	1.6	50	50	YES	NO	NO	NO	YES
NCA04B	NCA04B.OPW.0104	Places of worship	Ground	W	54	50	55	50	55	50	56	51	0.8	0.6	1.1	1.2	50	50	YES	NO	NO	NO	YES
NCA04B	NCA04B.OPW.0104	Places of worship	Ground	N	52	47	52	47	52	47	53	48	0.5	0.4	0.8	0.9	50	50	NO	NO	NO	NO	NO
NCA04B	NCA04B.OPW.0104	Places of worship	Ground	W	55	50	55	51	55	51	56	52	0.8	0.6	1.1	1.1	50	50	YES	NO	NO	NO	YES
NCA04B	NCA04B.OPW.0104	Places of worship	Ground	S	56	52	57	52	57	52	58	53	1	0.8	1.2	1.2	50	50	YES	NO	NO	NO	YES
NCA04B	NCA04B.OPW.0104	Places of worship	Ground	E	56	51	57	52	56	52	58	53	1.3	1	1.4	1.4	50	50	YES	NO	NO	NO	YES
NCA04B	NCA04B.OPW.0104	Places of worship	Ground	N	54	49	55	50	54	50	56	51	1.2	1.1	1.3	1.4	50	50	YES	NO	NO	NO	YES
NCA04B	NCA04B.OPW.0104	Places of worship	Ground	E	55	51	56	52	56	51	57	53	1.2	1	1.3	1.4	50	50	YES	NO	NO	NO	YES
NCA04B	NCA04B.RES.0040	Residential	Ground	W	57	52	57	52	57	52	57	53	0.2	0.3	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0040	Residential	Ground	S	56	51	57	52	57	51	57	52	0.4	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0040	Residential	Ground	E	56	51	57	52	56	51	57	53	1.1	1	1.4	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0040	Residential	Ground	N	53	48	54	49	54	49	54	49	0.4	0.4	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0041	Residential	Ground	W	57	52	57	52	57	52	58	53	0.4	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0041	Residential	Ground	S	56	51	57	52	56	51	57	52	0.6	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0041	Residential	Ground	E	54	49	54	50	54	49	55	50	0.8	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0041	Residential	Ground	N	54	49	54	49	54	49	55	50	0.5	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0042	Residential	Ground	W	55	50	55	51	55	50	56	51	0.4	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0042	Residential	Ground	S	56	51	57	52	56	51	57	53	0.7	0.7	1	1.2	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0042	Residential	Ground	E	53	48	54	49	54	49	55	50	0.8	0.9	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0042	Residential	Ground	N	53	48	54	49	54	49	55	50	0.5	0.6	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0043	Residential	Ground	N	53	48	54	49	53	48	54	50	0.7	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0043	Residential	Ground	W	53	48	53	48	54	48	54	49	0.3	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0043	Residential	Ground	N	53	48	53	48	53	48	54	49	0.3	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0043	Residential	Ground	W	55	50	55	51	55	50	56	51	0.5	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0043	Residential	Ground	W	54	49	55	50	55	50	55	50	0.2	0.2	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0043	Residential	Ground	W	57	52	58	53	57	52	58	53	0.8	0.8	1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0043	Residential	Ground	S	54	49	54	49	54	49	55	50	0.8	0.9	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0043	Residential	Ground	E	56	51	58	53	57	52	58	54	1.4	1.3	1.6	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0044	Residential	Ground	W	55	49	55	50	55	50	56	51	0.3	0.4	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0044	Residential	Ground	N	53	48	54	49	54	48	54	49	0.4	0.5	0.6	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0044	Residential	Ground	W	57	52	58	53	57	52	58	54	0.7	0.8	1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0044	Residential	Ground	W	56	51	57	52	56	51	57	53	0.5	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0044	Residential	Ground	W	56	51	57	52	56	51	57	53	0.5	0.5	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0044	Residential	Ground	S	53	48	54	49	53	48	55	50	0.9	1	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0044	Residential	Ground	E	57	52	58	54	57	53	59	54	1.4	1.4	1.6	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0044	Residential	Ground	N	54	49	55	50	54	50	56	51	1.4	1.3	1.5	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0044	Residential	Ground	E	55	51	57	52	56	51	58	53	1.6	1.4	1.8	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0044	Residential	Ground	N	53	48	54	49	54	49	55	50	0.8	0.9	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0045	Residential	Ground	W	57	52	58	53	57	52	58	54	0.7	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0045	Residential	Ground	S	58	53	59	54	58	53	59	55	0.9	0.9	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0045	Residential	Ground	E	57	52	58	53	57	52	59	54	1.3	1.4	1.6	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0045	Residential	Ground	S	57	52	58	53	57	53	59	54	1.3	1.3	1.6	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0045	Residential	Ground	E	57	52	58	53	57	52	59	54	1.2	1.2	1.5	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0045	Residential	Ground	N	53	48	54	49	53	48	54	49	0.5	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0047	Residential	Ground	NE	55	49	56	50	56	50	56	51	0.6	1	0.6	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0047	Residential	Ground	NW	52	47	52	47	52	47	53	48	0.5	0.5	0.6	0.9	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0047	Residential	Ground	SW	53	48	54	49	53	49	55	50	0.9	0.7	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0047	Residential	Ground	SE	53	48	54	48	53	48	54	49	0.8	0.7	0.8	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0048	Residential	Ground	NW	52	47	53	48	53	48	54	49	0.6	0.7	0.8	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0048	Residential	Ground	SW	54	49	54	50	54	49	55	51	0.9	0.8	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0048	Residential	Ground	SE	52	47	53	48	53	48	54	49	0.8	0.7	0.9	1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0048	Residential	Ground	NE	55	49	55	50	55	50	56	50	0.4	0.7	0.5	0.8	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0049	Residential	Ground	N	52	47	53	48	52	47	54	49	1.4	1.4	1.6	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0049	Residential	Ground	W	51	46	52	47	52	47	53	48	1	0.8	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0049	Residential	Ground	S	55	50	56	51	55	51	57	52	1.3	1.1	1.5	1.6	59	54	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0049	Residential	Ground	E	52	47	53	48	52	47	54	49	1.3	1.1	1.5	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0050	Residential	Ground	N	48	43	49	44	48	43	50	45	1.1	1.1	1.2	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0050	Residential	Ground	W	51	46	52	47	52	47	53	48	1	0.8	1.3	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0050	Residential	Ground	S	55	50	56	51	55	51	57	52	1.3	1.2	1.5	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0050	Residential	Ground	E	52	48	53	48	53	48	54	50	1.1	0.8	1.2	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0051	Residential	Ground	N	51	46	53	48	52	47	53	49	1.3	1.2	1.4	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0051	Residential	Ground	W	52	48	53	49	53	48	54	50	1	0.8	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0051	Residential	Ground	S	55	50	56	51	55	51	57	52	1.4	1.2	1.6	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0051	Residential	Ground	E	53	48	54	49	53	49	55	50	1	0.8	1.2	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0052	Residential	Ground	W	53	48	54	49	53	48	54	50	0.9	0.8	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0052	Residential	Ground	S	54	50	55	51	55	50	56	52	1	0.8	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0052	Residential	Ground	E	53	49	54	50	54	49	55	51	1.1	0.9	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0052	Residential	Ground	N	52	47	54	49	53	48	55	50	2	1.9	2	2.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0052	Residential	Ground	W	50	46	51	46	51	46	52	47	0.7	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0052	Residential	Ground	N	50	45	51	46	51	46	52	47	0.7	0.7	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0053	Residential	Ground	W	53	48	54	49	53	48	54	50	1	0.8	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0053	Residential	Ground	S	55	50	56	51	56	51	57	52	1.3	1.1	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0053	Residential	Ground	E	53	48	54	49	53	49	54	50	1.1	0.8	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0053	Residential	Ground	N	52	47	54	49	53	48	55	50	2	1.8	2	2.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0054	Residential	Ground	N	52	48	54	49	53	48	54	50	1.3	1.1	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0054	Residential	Ground	W	52	48	53	48	53	48	54	49	0.8	0.8	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0054	Residential	Ground	N	51	46	52	47	51	47	52	48	0.7	0.5	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0054	Residential	Ground	W	53	49	55	50	54	49	55	51	1.1	1	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0054	Residential	Ground	S	53	48	54	49	53	49	55	50	0.9	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0054	Residential	Ground	E	56	51	57	52	56	52	58	53	1.6	1.3	1.7	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0055	Residential	Ground	W	54	50	56	51	55	50	57	52	1.4	1.2	1.6	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0055	Residential	Ground	S	57	52	58	54	57	53	59	55	1.6	1.4	1.8	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0055	Residential	Ground	E	55	51	57	52	56	51	58	53	1.4	1.2	1.6	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0055	Residential	Ground	N	52	47	53	48	52	48	54	49	1.4	1.3	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0056	Residential	Ground	NW	53	48	54	49	53	49	55	50	1.1	1	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0056	Residential	Ground	SW	56	51	57	52	56	52	58	53	1.2	0.9	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0056	Residential	Ground	SE	55	50	57	52	56	51	57	53	1.7	1.5	1.8	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0056	Residential	Ground	NE	53	49	55	50	54	49	56	51	1.9	1.7	2	2.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0057	Residential	Ground	W	52	48	53	49	53	48	54	50	1.2	1	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0057	Residential	Ground	S	55	50	56	51	55	51	57	52	1.1	0.9	1.3	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0057	Residential	Ground	E	53	48	54	49	53	49	55	50	0.9	0.7	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0057	Residential	Ground	N	51	46	52	47	52	47	53	48	0.8	0.7	1	1.2	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0057	Residential	Ground	W	50	45	51	46	51	46	52	47	0.7	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0057	Residential	Ground	N	50	45	51	46	51	46	52	47	0.8	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0058	Residential	Ground	W	52	47	53	48	52	48	54	49	1	0.8	1.3	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0058	Residential	Ground	S	55	51	56	52	56	51	57	53	1.2	1	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0058	Residential	Ground	E	53	49	54	49	54	49	55	50	1	0.8	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0058	Residential	Ground	N	52	47	54	49	52	48	55	50	2	1.9	2.1	2.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0059	Residential	Ground	W	52	47	53	48	52	48	54	49	1	0.8	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0059	Residential	Ground	S	55	51	56	52	56	51	57	53	1.2	1.1	1.5	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0059	Residential	Ground	E	53	49	54	49	54	49	55	51	1	0.7	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0059	Residential	Ground	N	52	47	54	49	52	48	54	50	1.9	1.7	2	2.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0060	Residential	Ground	N	55	49	55	50	55	50	56	50	0.4	0.7	0.4	0.9	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0060	Residential	Ground	W	52	47	53	48	53	48	54	49	0.6	0.6	0.8	1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0060	Residential	Ground	S	53	49	54	50	54	49	55	51	1.2	1.1	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0060	Residential	Ground	E	54	49	55	50	54	49	56	51	1.3	1.1	1.4	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0060	Residential	Ground	S	54	49	55	51	55	50	56	52	1.3	1.2	1.4	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0060	Residential	Ground	E	55	50	56	51	55	50	56	52	1.1	1.1	1.1	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0061	Residential	Ground	NW	52	48	53	48	53	48	54	50	0.9	0.7	1.1	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0061	Residential	Ground	SW	53	49	54	49	54	49	55	50	1	0.8	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0061	Residential	Ground	SE	54	50	56	51	55	50	57	52	1.5	1.3	1.6	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0061	Residential	Ground	NE	52	48	54	49	53	48	55	50	1.5	1.4	1.6	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0062	Residential	Ground	W	55	48	55	49	56	49	56	50	0	0.3	-0.1	0.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0062	Residential	Ground	N	56	49	56	49	56	50	56	50	-0.1	0.2	-0.2	0.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0062	Residential	Ground	W	55	50	56	50	56	50	56	51	0.4	0.5	0.5	0.9	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0062	Residential	Ground	S	54	49	54	49	54	49	55	50	0.7	0.7	0.8	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0062	Residential	Ground	W	54	49	55	49	54	49	55	50	0.6	0.6	0.8	1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0062	Residential	Ground	S	53	49	54	49	54	49	55	50	0.9	0.8	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0062	Residential	Ground	E	52	47	53	48	53	48	54	49	0.7	0.7	0.8	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0062	Residential	Ground	N	58	51	58	52	59	52	59	52	0.1	0.8	0	0.8	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0063	Residential	Ground	W	53	48	53	48	53	48	54	50	0.9	0.8	1.1	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0063	Residential	Ground	S	54	50	56	51	55	50	56	52	1.3	1.1	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0063	Residential	Ground	E	54	49	55	50	54	50	56	51	1.4	1.2	1.5	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0063	Residential	Ground	S	54	49	55	50	55	50	56	51	1.4	1.1	1.5	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0063	Residential	Ground	E	54	49	55	50	55	50	56	51	1	1	1.1	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0063	Residential	Ground	N	54	48	55	49	55	49	55	50	0.4	0.6	0.3	0.8	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0063	Residential	Ground	E	55	49	55	50	56	50	56	51	0.4	0.7	0.4	0.9	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0063	Residential	Ground	N	57	50	57	51	58	51	58	52	0.4	1	0.4	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0064	Residential	Ground	W	53	48	54	49	54	49	55	50	0.6	0.6	0.8	1	59	54	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04B	NCA04B.RES.0064	Residential	Ground	S	54	49	55	50	55	50	56	51	1.1	0.9	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0064	Residential	Ground	E	54	49	55	50	55	50	56	51	0.7	0.7	0.7	1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0064	Residential	Ground	N	58	50	58	51	58	51	58	52	0.3	1	0.3	1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0065	Residential	Ground	W	54	49	55	49	55	49	55	50	0.5	0.5	0.5	0.9	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0065	Residential	Ground	S	54	49	55	50	55	50	56	51	1	0.9	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0065	Residential	Ground	E	55	49	55	50	56	50	56	51	0.5	0.6	0.5	0.8	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0065	Residential	Ground	N	58	51	58	52	58	51	59	53	0.4	1.1	0.3	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0066	Residential	Ground	W	56	50	56	50	56	50	56	51	0.2	0.4	0.2	0.8	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0066	Residential	Ground	N	54	48	55	49	55	49	55	50	0.1	0.3	0.1	0.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0066	Residential	Ground	W	55	49	55	50	55	50	56	51	0.5	0.5	0.6	0.9	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0066	Residential	Ground	S	54	50	55	51	55	50	56	52	1	0.9	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0066	Residential	Ground	E	55	49	55	50	55	50	56	51	0.5	0.6	0.6	0.9	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0066	Residential	Ground	N	58	51	58	52	59	52	59	53	0.5	1.2	0.4	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0067	Residential	Ground	W	54	48	54	49	54	49	55	50	0.6	0.6	0.7	1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0067	Residential	Ground	S	55	50	56	51	55	51	57	52	1.1	1	1.3	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0067	Residential	Ground	E	53	48	54	49	54	49	55	50	0.6	0.5	0.7	0.9	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0067	Residential	Ground	N	56	50	57	51	57	51	57	52	0.5	0.9	0.5	1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0068	Residential	Ground	W	53	48	53	48	53	48	54	49	0.5	0.5	0.7	0.8	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0068	Residential	Ground	S	55	50	56	51	55	51	57	52	1.1	0.9	1.3	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0068	Residential	Ground	E	55	50	56	50	55	50	56	51	0.9	0.8	0.9	1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0068	Residential	Ground	N	56	50	56	50	57	50	57	51	0.2	0.5	0.1	0.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0069	Residential	Ground	W	55	49	56	50	56	50	56	51	0.3	0.4	0.2	0.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0069	Residential	Ground	S	54	50	55	50	55	50	56	51	1	0.8	1.2	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0069	Residential	Ground	E	54	49	55	49	55	49	55	50	0.4	0.5	0.5	0.8	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0069	Residential	Ground	N	58	51	59	52	59	52	59	53	0.4	1.1	0.4	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0085	Residential	Ground	W	57	52	57	53	58	53	58	54	0.4	0.1	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0085	Residential	Ground	S	61	57	62	57	62	57	62	58	0.6	0.2	0.7	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0085	Residential	Ground	E	60	55	61	56	61	56	62	57	0.7	0.5	0.9	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0085	Residential	Ground	N	57	52	58	53	58	53	58	54	0.7	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0085	Residential	Ground	E	59	54	59	54	59	55	60	55	0.6	0.4	0.8	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0085	Residential	Ground	N	56	52	57	52	57	52	58	53	0.7	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0085	Residential	Ground	E	56	52	57	52	57	52	58	53	0.7	0.5	0.8	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0085	Residential	Ground	N	56	52	57	52	57	52	58	53	0.7	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0086	Residential	Ground	N	56	51	57	52	57	52	58	53	0.8	0.7	1	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0086	Residential	Ground	W	56	51	56	51	56	51	57	52	0.5	0.3	0.8	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0086	Residential	Ground	S	59	54	59	54	59	54	60	55	0.6	0.4	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0086	Residential	Ground	E	58	54	59	54	59	54	60	55	0.6	0.4	0.8	0.8	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0087	Residential	Ground	SW	58	53	59	54	58	54	60	55	1.2	0.9	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0087	Residential	Ground	SE	59	54	60	55	60	55	61	56	1.3	1.1	1.5	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0087	Residential	Ground	NE	57	52	58	53	58	53	59	54	1.1	0.9	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0087	Residential	Ground	NW	54	49	54	49	54	50	55	50	0.5	0.3	0.8	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0088	Residential	Ground	NE	55	50	56	51	56	51	57	52	1	0.8	1.2	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0088	Residential	Ground	NW	55	51	56	51	56	51	57	52	0.6	0.4	0.9	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0088	Residential	Ground	SW	58	54	59	54	59	54	60	55	1.2	0.9	1.3	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0088	Residential	Ground	SE	58	53	59	54	59	54	60	55	1.2	1	1.4	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0099	Residential	Ground	W	56	51	56	52	56	52	57	53	0.8	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0099	Residential	Ground	S	57	53	58	54	58	53	59	55	1	0.8	1.2	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0099	Residential	Ground	E	57	53	59	54	58	53	59	55	1.2	1	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0099	Residential	Ground	N	54	50	55	50	55	50	56	51	1	0.8	1.1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0100	Residential	Ground	S	56	51	57	52	57	52	58	53	0.7	0.5	1	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0100	Residential	Ground	W	55	51	56	51	56	51	57	52	0.8	0.5	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0100	Residential	Ground	S	57	53	58	54	58	53	59	55	1.1	0.9	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0100	Residential	Ground	E	56	52	58	53	57	52	58	54	1.2	1.1	1.4	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0100	Residential	Ground	N	54	49	55	50	54	50	55	51	1	0.8	1.2	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0100	Residential	Ground	W	54	49	54	49	54	49	55	50	0.6	0.4	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0100	Residential	Ground	N	53	48	53	48	53	49	54	49	0.5	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0100	Residential	Ground	W	55	50	55	50	55	50	56	51	0.5	0.3	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0101	Residential	Ground	NW	54	49	54	50	54	50	55	51	0.7	0.5	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0101	Residential	Ground	SW	56	51	57	52	56	52	57	53	0.8	0.5	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0101	Residential	Ground	SE	56	52	57	53	57	52	58	54	1.1	0.9	1.3	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0101	Residential	Ground	NE	55	50	56	52	55	51	57	52	1.6	1.5	1.7	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0102	Residential	Ground	W	54	49	55	50	54	50	56	51	0.9	0.7	1.1	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0102	Residential	Ground	S	56	51	57	52	57	52	58	53	1.2	0.9	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0102	Residential	Ground	E	55	50	56	51	56	51	57	52	1.3	1.1	1.4	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0102	Residential	Ground	N	52	48	53	49	53	48	54	49	1.1	1	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0103	Residential	Ground	NE	55	50	56	52	55	51	57	52	1.7	1.6	1.8	1.9	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0103	Residential	Ground	NE	54	50	56	51	55	50	57	52	1.8	1.7	1.8	2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0103	Residential	Ground	NE	55	50	56	52	55	51	57	53	1.5	1.4	1.7	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0103	Residential	Ground	NW	53	48	54	49	53	49	54	50	0.8	0.6	1.1	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0103	Residential	Ground	SW	56	51	57	52	57	52	58	53	0.9	0.6	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0103	Residential	Ground	SE	55	50	56	51	56	51	57	52	0.9	0.7	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0103	Residential	Ground	SE	55	50	56	51	55	51	56	52	0.9	0.7	1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0103	Residential	Ground	SE	55	50	56	51	55	51	56	52	1.2	1	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0105	Residential	Ground	N	53	49	54	50	54	49	55	50	1	0.9	1.2	1.2	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0105	Residential	Ground	W	52	47	52	47	52	48	53	48	0.6	0.4	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0105	Residential	Ground	N	52	47	52	48	52	48	53	49	0.7	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0105	Residential	Ground	W	55	50	56	51	55	51	57	52	1	0.8	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0105	Residential	Ground	S	56	52	57	52	57	52	58	53	1	0.7	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0105	Residential	Ground	E	56	51	57	52	56	52	57	53	1.2	1	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0106	Residential	Ground	W	55	50	56	51	55	51	56	52	0.8	0.6	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0106	Residential	Ground	S	57	52	57	53	57	52	58	54	0.9	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0106	Residential	Ground	E	56	51	57	52	57	52	58	53	1.1	0.9	1.3	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0106	Residential	Ground	E	55	50	56	51	55	50	56	52	1.1	0.9	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0106	Residential	Ground	E	56	51	57	52	56	52	58	53	1.3	1	1.4	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0106	Residential	Ground	N	53	49	54	50	54	49	55	51	1	0.9	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0107	Residential	Ground	SW	56	51	57	52	56	52	58	53	1	0.8	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0107	Residential	Ground	SE	57	53	58	53	58	53	59	54	1.2	0.9	1.3	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0107	Residential	Ground	NE	56	51	57	52	56	51	57	53	1.2	1.1	1.4	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0107	Residential	Ground	SE	56	52	58	53	57	52	58	54	1.2	1	1.4	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0107	Residential	Ground	NE	55	51	57	52	56	51	57	53	1.1	1	1.3	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0107	Residential	Ground	NW	53	49	54	49	54	49	55	50	0.6	0.4	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0108	Residential	Ground	W	55	50	55	51	55	51	56	52	0.8	0.7	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0108	Residential	Ground	S	56	51	57	52	56	52	58	53	1.2	1	1.4	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0108	Residential	Ground	E	56	51	57	52	57	52	58	53	1.3	1.1	1.4	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0108	Residential	Ground	N	52	48	53	48	53	48	54	49	0.9	0.7	1	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0109	Residential	Ground	W	55	51	56	51	56	51	57	53	1	0.8	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0109	Residential	Ground	S	56	51	57	52	57	52	58	53	0.9	0.7	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0109	Residential	Ground	W	56	51	56	52	56	51	57	53	0.9	0.6	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0109	Residential	Ground	S	57	53	58	54	58	53	59	55	1	0.7	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0109	Residential	Ground	E	57	52	58	53	57	53	58	54	1.1	0.9	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0109	Residential	Ground	S	57	53	58	53	58	53	59	55	1	0.8	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0109	Residential	Ground	E	57	52	58	53	57	53	58	54	1.2	0.9	1.3	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0109	Residential	Ground	N	53	49	54	50	54	49	55	50	1	0.9	1.2	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0110	Residential	Ground	N	54	50	55	50	55	50	56	51	0.9	0.8	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0110	Residential	Ground	W	57	52	58	53	57	53	58	54	0.9	0.6	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0110	Residential	Ground	S	59	54	60	55	60	55	61	56	1.3	1	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0110	Residential	Ground	E	58	53	59	54	58	54	60	55	1.2	0.9	1.3	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0110	Residential	Ground	S	58	53	59	54	58	54	59	55	1.1	0.8	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0110	Residential	Ground	E	57	52	58	53	57	53	59	54	1.1	0.8	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0239	Residential	Ground	NW	58	54	59	54	59	54	60	55	0.6	0.3	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0239	Residential	Ground	SW	62	57	62	57	62	58	63	58	0.5	0.3	0.8	0.9	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0239	Residential	Ground	SE	60	56	61	56	61	56	62	57	0.7	0.4	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0239	Residential	Ground	NE	56	51	56	52	56	52	57	53	0.5	0.3	0.8	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0240	Residential	Ground	NW	57	52	57	52	57	53	58	54	0.5	0.2	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0240	Residential	Ground	SW	57	53	58	53	58	53	59	54	0.5	0.2	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0240	Residential	Ground	SE	60	55	61	56	60	56	61	57	1	0.7	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0240	Residential	Ground	NE	56	51	57	52	57	52	57	53	0.7	0.4	0.9	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0241	Residential	Ground	NW	57	52	57	52	57	53	58	54	0.6	0.3	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0241	Residential	Ground	SW	57	52	58	53	58	53	58	54	0.7	0.4	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0241	Residential	Ground	SE	59	55	60	55	60	55	61	57	1	0.7	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0241	Residential	Ground	NE	55	51	56	51	56	51	57	52	0.6	0.4	0.9	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0242	Residential	Ground	NW	56	52	57	52	57	52	58	53	0.5	0.3	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0242	Residential	Ground	SW	56	51	56	52	56	52	57	53	0.6	0.3	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0242	Residential	Ground	SE	59	54	60	55	60	55	61	56	1.1	0.8	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0242	Residential	Ground	NE	56	51	56	52	56	52	57	53	0.8	0.5	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0243	Residential	Ground	NW	56	51	57	52	57	52	57	53	0.5	0.3	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0243	Residential	Ground	SW	57	53	58	53	58	53	59	54	0.8	0.6	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0243	Residential	Ground	SE	59	54	60	55	59	55	61	56	1.2	0.9	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0243	Residential	Ground	NE	55	51	56	51	56	51	57	52	0.8	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0244	Residential	Ground	NW	56	52	57	52	57	52	58	53	0.6	0.3	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0244	Residential	Ground	SW	57	52	58	53	58	53	59	54	0.9	0.6	1.1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0244	Residential	Ground	SE	57	53	59	54	58	53	59	55	1.2	0.9	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0244	Residential	Ground	NE	54	50	55	50	55	50	56	51	0.7	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0245	Residential	Ground	W	57	53	58	53	58	53	59	55	0.9	0.7	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0245	Residential	Ground	S	60	55	61	56	60	56	62	57	1.4	1	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0245	Residential	Ground	E	56	51	57	52	56	52	57	53	0.9	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0245	Residential	Ground	N	54	50	55	50	55	50	56	51	0.7	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0246	Residential	Ground	W	56	51	57	52	57	52	58	53	0.9	0.6	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0246	Residential	Ground	S	60	56	62	57	61	56	62	58	1.4	1.1	1.6	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0246	Residential	Ground	E	55	50	56	51	56	51	57	52	0.8	0.5	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0246	Residential	Ground	N	54	50	55	50	55	50	56	51	0.6	0.5	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0247	Residential	Ground	W	56	51	57	52	56	52	58	53	0.9	0.7	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0247	Residential	Ground	S	60	55	61	56	61	56	62	58	1.4	1.1	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0247	Residential	Ground	E	56	51	56	52	56	52	57	53	0.8	0.5	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0247	Residential	Ground	N	54	50	55	50	55	50	56	51	0.7	0.5	0.9	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0248	Residential	Ground	W	56	51	57	52	56	52	57	53	0.8	0.6	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0248	Residential	Ground	S	60	56	61	57	61	56	62	58	1.3	1	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0248	Residential	Ground	E	56	51	57	52	57	52	58	53	0.9	0.6	1	1.1	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0248	Residential	Ground	N	54	50	55	50	55	50	56	51	0.7	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0249	Residential	Ground	W	55	51	56	51	56	51	57	52	0.8	0.5	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0249	Residential	Ground	S	60	56	62	57	61	56	62	58	1.3	1.1	1.6	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0249	Residential	Ground	E	55	50	56	51	56	51	57	52	0.8	0.4	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0249	Residential	Ground	N	55	50	55	51	55	51	56	52	0.7	0.5	0.9	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0250	Residential	Ground	W	55	51	56	51	56	51	57	52	0.8	0.6	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0250	Residential	Ground	S	60	56	62	57	61	56	62	58	1.2	1	1.5	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0250	Residential	Ground	E	56	51	57	52	56	52	57	53	0.8	0.5	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0250	Residential	Ground	N	55	50	55	50	55	50	56	51	0.7	0.5	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0251	Residential	Ground	W	56	51	57	52	56	52	58	53	0.9	0.6	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0251	Residential	Ground	S	60	56	62	57	61	56	62	58	1.2	1	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0251	Residential	Ground	E	55	51	56	51	56	51	57	52	0.7	0.5	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0251	Residential	Ground	N	55	50	55	50	55	51	56	51	0.7	0.5	0.9	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0252	Residential	Ground	W	56	51	56	51	56	51	57	53	0.7	0.5	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0252	Residential	Ground	S	60	56	62	57	61	56	63	58	1.3	1.1	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0252	Residential	Ground	E	58	53	59	54	59	54	60	55	1.2	0.9	1.3	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0252	Residential	Ground	N	55	51	56	51	56	51	57	52	0.7	0.5	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0253	Residential	Ground	N	55	50	56	51	55	51	56	52	1	0.9	1.2	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0253	Residential	Ground	W	57	52	59	54	58	53	59	55	1.6	1.3	1.7	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0253	Residential	Ground	S	59	54	60	55	59	55	61	56	1.3	1	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0253	Residential	Ground	E	56	51	57	52	57	52	57	53	0.7	0.4	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0254	Residential	Ground	N	54	50	56	51	55	50	56	52	1.2	1	1.3	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0254	Residential	Ground	W	56	51	57	52	56	51	58	53	1.3	1.2	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0254	Residential	Ground	S	59	55	61	56	60	55	61	57	1.6	1.4	1.7	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0254	Residential	Ground	E	57	53	59	54	58	53	60	55	1.5	1.3	1.6	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0254	Residential	Ground	S	58	54	60	55	59	54	61	56	1.6	1.3	1.7	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0254	Residential	Ground	E	56	51	57	52	56	52	57	53	1.1	1	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0255	Residential	Ground	N	54	49	54	49	54	49	55	50	0.8	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0255	Residential	Ground	N	53	48	54	49	54	49	55	50	0.9	0.7	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0255	Residential	Ground	N	54	50	55	50	55	50	56	51	0.8	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0255	Residential	Ground	W	55	51	56	52	56	51	57	53	1	0.8	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0255	Residential	Ground	S	59	54	60	55	59	55	61	57	1.4	1.2	1.7	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0255	Residential	Ground	E	57	52	58	53	58	53	59	55	1.4	1.1	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0255	Residential	Ground	S	58	53	59	54	59	54	60	56	1.3	1.1	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0255	Residential	Ground	E	55	51	56	51	56	51	57	52	0.8	0.5	1	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0256	Residential	Ground	N	54	49	55	50	55	50	56	51	0.9	0.8	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0256	Residential	Ground	W	57	53	59	54	58	53	60	55	1.3	1	1.5	1.6	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0256	Residential	Ground	S	59	55	61	56	60	55	62	57	1.4	1.2	1.6	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0256	Residential	Ground	E	56	51	57	52	56	52	58	53	1.3	1.2	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0257	Residential	Ground	NW	54	49	54	49	54	50	55	51	0.5	0.2	0.8	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0257	Residential	Ground	SW	57	52	57	52	57	53	58	53	0.4	0.1	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0257	Residential	Ground	NW	56	51	56	51	56	52	57	52	0.3	0.1	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0257	Residential	Ground	SW	57	53	58	53	58	53	59	54	0.6	0.3	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0257	Residential	Ground	SE	57	53	58	53	58	53	59	54	0.7	0.4	1	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0257	Residential	Ground	NE	55	50	55	50	55	50	56	51	0.6	0.4	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0258	Residential	Ground	NW	56	52	57	52	57	52	58	53	0.6	0.2	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0258	Residential	Ground	SW	55	50	55	50	55	51	56	51	0.4	0.1	0.7	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0258	Residential	Ground	SE	58	53	59	54	59	54	60	55	0.8	0.4	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0258	Residential	Ground	NE	55	50	55	50	55	51	56	52	0.5	0.2	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0259	Residential	Ground	NW	57	52	57	52	57	52	58	53	0.5	0.3	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0259	Residential	Ground	SW	55	51	56	51	56	51	56	52	0.5	0.1	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0259	Residential	Ground	SE	58	54	59	54	59	54	60	55	0.7	0.4	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0259	Residential	Ground	NE	54	50	55	50	55	50	56	51	0.3	0.1	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0260	Residential	Ground	N	53	49	55	50	54	49	56	51	1.5	1.4	1.6	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0260	Residential	Ground	W	54	49	55	50	54	50	56	51	1.1	0.8	1.2	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0260	Residential	Ground	S	56	51	57	52	56	52	58	53	1	0.9	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0260	Residential	Ground	E	55	50	56	51	55	51	57	52	1.2	1	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0261	Residential	Ground	N	53	48	54	50	53	49	55	50	1.5	1.4	1.6	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0261	Residential	Ground	W	54	49	55	50	54	50	55	51	0.8	0.6	1	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0261	Residential	Ground	S	55	51	57	52	56	51	57	53	1.1	0.9	1.3	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0261	Residential	Ground	E	53	49	54	49	54	49	55	50	0.9	0.7	1	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0262	Residential	Ground	W	54	50	55	50	55	50	56	52	0.9	0.7	1.2	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0262	Residential	Ground	S	56	51	57	52	56	51	57	53	1.1	0.9	1.3	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0262	Residential	Ground	E	55	50	56	51	55	51	57	52	1.4	1.1	1.5	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0262	Residential	Ground	N	53	48	54	49	53	49	55	50	1.4	1.3	1.6	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0262	Residential	Ground	E	54	49	55	50	54	50	56	51	1.4	1.2	1.4	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0262	Residential	Ground	N	53	48	54	50	53	49	55	50	1.5	1.5	1.7	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0263	Residential	Ground	NW	51	46	52	47	52	47	53	48	0.7	0.6	0.9	1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0263	Residential	Ground	NE	52	47	52	48	52	47	53	49	0.8	0.7	1	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0263	Residential	Ground	NW	53	49	54	49	54	49	55	50	0.9	0.7	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0263	Residential	Ground	SW	54	50	55	50	55	50	56	52	1	0.8	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0263	Residential	Ground	SE	56	52	57	53	57	52	58	54	1.2	1.1	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0263	Residential	Ground	NE	54	49	55	50	55	50	56	51	1.2	1.1	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0264	Residential	Ground	NE	53	48	53	49	53	48	54	49	0.9	0.8	1.1	1.1	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0264	Residential	Ground	NW	55	50	56	51	55	50	56	52	1	0.8	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0264	Residential	Ground	SW	56	52	57	53	57	52	58	54	1.1	0.9	1.4	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0264	Residential	Ground	SE	56	51	57	52	56	51	57	53	1.2	1.1	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0265	Residential	Ground	N	53	48	54	49	54	49	55	50	1.2	1	1.3	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0265	Residential	Ground	W	56	51	57	52	56	51	57	53	1.1	0.9	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0265	Residential	Ground	S	56	51	57	52	56	52	58	53	1.1	0.8	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0265	Residential	Ground	E	55	51	56	52	56	51	57	53	1.2	1	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0266	Residential	Ground	W	56	51	57	52	56	51	58	53	1.2	1.1	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0266	Residential	Ground	S	57	52	58	53	57	53	59	54	1.1	1	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0266	Residential	Ground	E	55	50	56	51	56	51	57	52	1.1	0.8	1.2	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0266	Residential	Ground	N	53	49	54	49	54	49	55	50	1.1	0.9	1.3	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0267	Residential	Ground	NW	54	49	55	50	55	50	55	51	0.5	0.4	0.9	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0267	Residential	Ground	SW	57	52	58	53	58	53	59	55	1.3	1	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0267	Residential	Ground	SE	56	51	57	52	56	52	58	53	1.4	1.1	1.6	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0267	Residential	Ground	NE	52	47	53	48	52	48	53	49	0.7	0.5	0.9	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0268	Residential	Ground	NE	53	48	54	49	54	49	55	50	1	0.8	1.1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0268	Residential	Ground	NW	54	49	55	50	55	50	56	52	1.2	1.1	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0268	Residential	Ground	SW	58	53	59	54	58	54	60	55	1.2	1	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0268	Residential	Ground	SE	57	52	58	53	57	53	59	54	1.2	0.9	1.4	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0269	Residential	Ground	N	53	48	54	49	53	48	54	50	1.1	1	1.3	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0269	Residential	Ground	W	53	49	54	49	54	49	55	50	0.9	0.8	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0269	Residential	Ground	N	52	47	53	48	53	48	54	49	0.6	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0269	Residential	Ground	W	55	50	56	51	56	51	57	52	1	0.8	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0269	Residential	Ground	S	56	51	57	52	56	52	58	53	1.1	0.9	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0269	Residential	Ground	E	55	50	56	51	56	51	57	52	1.3	1.1	1.5	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0269	Residential	Ground	N	53	48	54	49	53	49	55	50	1	0.9	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0269	Residential	Ground	E	54	49	55	50	54	50	55	51	1.1	1	1.3	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0270	Residential	Ground	N	52	48	54	49	53	48	55	50	1.5	1.5	1.7	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0270	Residential	Ground	W	54	49	55	50	54	50	55	51	0.9	0.7	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0270	Residential	Ground	S	54	49	55	50	54	50	56	51	1.1	0.9	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0270	Residential	Ground	E	52	47	53	48	53	48	54	49	0.9	0.7	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0271	Residential	Ground	N	52	47	53	48	53	48	54	49	0.9	0.8	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0271	Residential	Ground	W	55	51	56	51	56	51	57	52	1	0.8	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0271	Residential	Ground	S	53	49	54	49	54	49	55	50	0.9	0.7	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0271	Residential	Ground	E	54	49	55	50	55	50	56	51	1.1	0.8	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0271	Residential	Ground	S	54	50	56	51	55	50	56	52	1.2	0.9	1.3	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0271	Residential	Ground	E	54	50	56	51	55	50	56	52	1.2	1	1.4	1.5	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0272	Residential	Ground	W	56	51	57	52	56	51	57	53	1	0.8	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0272	Residential	Ground	S	54	50	55	50	55	50	56	51	1	0.8	1.2	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0272	Residential	Ground	E	54	49	55	50	55	50	56	51	1	0.7	1.2	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0272	Residential	Ground	N	52	47	53	48	53	48	54	49	1.1	0.9	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0273	Residential	Ground	N	53	48	54	49	53	48	54	50	1	0.9	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0273	Residential	Ground	W	55	51	57	52	56	51	57	53	1.1	0.8	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0273	Residential	Ground	S	56	52	57	52	57	52	58	53	1.1	0.8	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0273	Residential	Ground	E	55	51	56	52	56	51	57	53	1.3	1	1.4	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0274	Residential	Ground	N	53	48	54	49	54	49	55	50	0.9	0.9	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0274	Residential	Ground	W	56	51	57	52	56	52	58	53	1.1	0.8	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0274	Residential	Ground	S	57	52	58	53	58	53	59	55	1.3	1	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0274	Residential	Ground	E	56	51	57	52	56	51	58	53	1.4	1.2	1.6	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0275	Residential	Ground	N	53	48	54	49	53	49	54	50	0.8	0.7	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0275	Residential	Ground	W	57	52	58	53	57	52	58	54	1.1	0.9	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0275	Residential	Ground	S	58	54	59	55	59	54	60	56	1.2	1	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0275	Residential	Ground	E	55	51	57	52	56	51	57	53	1.1	0.9	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0276	Residential	Ground	W	56	51	57	52	56	52	57	53	1.1	0.9	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0276	Residential	Ground	S	57	52	58	53	57	53	59	54	1.1	0.9	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0276	Residential	Ground	E	55	50	56	51	56	51	57	53	1.2	1	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0276	Residential	Ground	N	53	48	54	49	53	49	55	50	1.1	1	1.3	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0277	Residential	Ground	W	52	47	52	47	52	48	53	48	0.7	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0277	Residential	Ground	N	51	47	52	47	52	47	53	48	0.7	0.5	0.9	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0277	Residential	Ground	W	55	50	56	51	55	51	56	52	0.9	0.7	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0277	Residential	Ground	S	56	51	57	52	56	52	57	53	0.9	0.7	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0277	Residential	Ground	W	55	51	56	51	56	51	57	52	0.9	0.6	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0277	Residential	Ground	S	57	52	58	53	57	53	58	54	1	0.8	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0277	Residential	Ground	E	56	51	57	52	56	51	57	53	1.2	1	1.4	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0278	Residential	Ground	W	56	52	57	52	57	52	58	54	1.1	0.8	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0278	Residential	Ground	S	58	54	59	55	59	54	60	56	1.2	0.9	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0278	Residential	Ground	S	57	53	59	54	58	53	59	55	1.2	0.9	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0278	Residential	Ground	S	58	53	59	54	59	54	60	56	1.2	1	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0278	Residential	Ground	E	55	51	57	52	56	51	57	53	1.1	0.8	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0278	Residential	Ground	N	53	48	53	49	53	48	54	50	0.8	0.7	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0279	Residential	Ground	N	52	47	53	48	53	48	54	49	0.9	0.7	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0279	Residential	Ground	W	56	51	57	52	57	52	58	53	1.1	0.8	1.2	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0279	Residential	Ground	S	56	51	56	52	56	51	57	53	0.9	0.7	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0279	Residential	Ground	E	54	50	55	50	55	50	56	51	0.9	0.7	1.1	1.2	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0279	Residential	Ground	N	52	47	53	48	52	48	53	49	0.8	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0279	Residential	Ground	E	53	48	53	49	53	49	54	50	0.7	0.5	1	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0280	Residential	Ground	W	56	52	57	53	57	52	58	54	1	0.7	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0280	Residential	Ground	S	56	52	57	53	57	52	58	54	1.1	0.8	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0280	Residential	Ground	E	55	51	56	51	56	51	57	52	1.1	0.8	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0280	Residential	Ground	N	52	48	53	48	53	48	54	49	0.9	0.7	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0281	Residential	Ground	NW	57	52	58	53	57	53	59	54	0.9	0.7	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0281	Residential	Ground	SW	55	50	55	50	55	50	56	51	0.5	0.3	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0281	Residential	Ground	E	55	50	56	51	56	51	57	52	0.9	0.7	1.1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0281	Residential	Ground	S	55	51	56	51	56	51	57	53	1	0.7	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0281	Residential	Ground	E	55	51	57	52	56	51	57	53	1.1	0.8	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0281	Residential	Ground	NE	53	48	54	49	54	49	55	50	0.9	0.7	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0282	Residential	Ground	NW	58	53	58	54	58	53	59	55	0.9	0.7	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0282	Residential	Ground	SW	59	54	60	55	59	55	61	56	1.1	0.8	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0282	Residential	Ground	SE	57	52	58	53	57	52	58	54	1.2	0.9	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0282	Residential	Ground	NE	53	48	54	49	53	49	54	50	0.9	0.7	1.1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0283	Residential	Ground	N	53	48	54	49	53	49	54	50	0.9	0.7	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0283	Residential	Ground	W	55	50	56	51	55	51	56	52	0.9	0.7	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0283	Residential	Ground	S	58	53	59	54	59	54	60	56	1.2	1	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0283	Residential	Ground	E	56	52	57	52	57	52	58	54	1.2	0.9	1.4	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0284	Residential	Ground	W	56	52	57	52	57	52	58	54	1	0.7	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0284	Residential	Ground	S	59	54	60	55	60	55	61	56	1.1	0.8	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0284	Residential	Ground	E	56	52	58	53	57	52	58	54	1.3	1	1.5	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0284	Residential	Ground	N	54	49	54	50	54	49	55	51	0.8	0.7	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0285	Residential	Ground	W	58	53	59	54	58	54	60	55	1.1	0.9	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0285	Residential	Ground	S	59	54	60	55	59	55	61	56	1.2	1	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0285	Residential	Ground	E	56	52	57	52	57	52	58	53	1	0.7	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0285	Residential	Ground	N	54	49	54	49	54	49	55	50	0.5	0.4	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0286	Residential	Ground	W	57	52	57	52	57	52	58	53	0.7	0.4	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0286	Residential	Ground	S	57	52	58	53	57	53	58	54	0.9	0.7	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0286	Residential	Ground	W	56	52	57	52	57	52	58	53	0.8	0.6	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0286	Residential	Ground	S	58	54	60	55	59	54	60	56	1.2	0.9	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0286	Residential	Ground	E	55	50	56	51	56	51	57	52	1.1	0.8	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0286	Residential	Ground	N	54	49	55	50	54	50	55	51	0.9	0.8	1.1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0287	Residential	Ground	W	57	53	59	54	58	53	59	55	1.3	1	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0287	Residential	Ground	S	59	55	61	56	60	55	61	57	1.3	1.1	1.6	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0287	Residential	Ground	E	56	52	58	53	57	52	59	54	1.3	1.1	1.5	1.5	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0287	Residential	Ground	N	54	49	54	49	54	49	55	50	0.8	0.6	1	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0288	Residential	Ground	W	56	51	57	52	57	52	58	53	1.1	0.8	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0288	Residential	Ground	S	58	54	59	55	59	54	60	56	1.2	1	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0288	Residential	Ground	E	56	51	57	52	56	52	58	53	1.3	1.1	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0288	Residential	Ground	N	51	46	52	47	52	47	53	48	0.8	0.7	1.1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0289	Residential	Ground	N	54	49	54	49	54	50	55	51	0.5	0.2	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0289	Residential	Ground	W	58	53	58	53	58	53	59	55	0.6	0.3	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0289	Residential	Ground	S	59	55	60	56	60	55	61	57	0.9	0.7	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0289	Residential	Ground	E	57	53	58	53	58	53	59	55	1	0.6	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0290	Residential	Ground	W	56	52	57	52	57	52	58	54	0.8	0.6	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0290	Residential	Ground	S	60	56	61	56	61	56	62	57	1	0.7	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0290	Residential	Ground	E	58	53	58	54	58	54	59	55	0.5	0.3	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0290	Residential	Ground	N	54	49	55	50	55	50	56	51	0.6	0.4	0.9	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0291	Residential	Ground	N	55	50	56	51	56	51	56	52	0.6	0.4	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0291	Residential	Ground	W	54	49	54	50	55	50	55	51	0.4	0.2	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0291	Residential	Ground	N	54	49	54	49	54	50	55	50	0.4	0.3	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0291	Residential	Ground	W	56	51	57	52	57	52	57	53	0.7	0.3	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0291	Residential	Ground	S	60	55	61	56	61	56	62	57	1.1	0.8	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0291	Residential	Ground	E	57	53	58	53	58	53	59	54	0.7	0.3	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0299	Residential	Ground	N	54	50	55	50	55	50	56	51	0.7	0.5	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0299	Residential	Ground	W	56	51	56	51	56	51	57	53	0.8	0.4	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0299	Residential	Ground	S	60	55	61	56	60	56	62	57	1.1	0.9	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0299	Residential	Ground	E	57	52	58	53	58	53	58	54	0.6	0.3	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0321	Residential	Ground	N	52	47	53	48	52	48	53	49	0.7	0.7	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0321	Residential	Ground	W	55	50	56	51	55	51	57	52	1.1	0.8	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0321	Residential	Ground	S	56	51	57	52	56	52	58	53	1.3	1	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0321	Residential	Ground	E	55	50	56	51	55	51	57	52	1.4	1.2	1.6	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0322	Residential	Ground	NE	52	48	54	49	53	48	54	50	1.2	1	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0322	Residential	Ground	NW	53	49	54	50	54	49	55	51	1	0.8	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0322	Residential	Ground	SW	57	52	58	53	57	53	59	54	1.3	1.1	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0322	Residential	Ground	SE	56	51	57	52	56	52	58	54	1.3	1	1.6	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0323	Residential	Ground	N	53	49	54	49	54	49	55	50	0.5	0.4	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0323	Residential	Ground	W	56	52	57	52	57	52	58	53	0.8	0.6	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0323	Residential	Ground	S	58	53	59	54	59	54	60	55	1	0.8	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0323	Residential	Ground	E	57	52	58	53	57	53	59	54	1.1	0.9	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0324	Residential	Ground	N	53	49	54	49	54	49	55	50	0.6	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0324	Residential	Ground	W	55	51	56	51	56	51	57	53	1	0.7	1.2	1.3	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0324	Residential	Ground	S	58	54	59	54	59	54	60	55	0.8	0.5	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0324	Residential	Ground	E	57	52	58	53	58	53	59	54	0.8	0.4	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0349	Residential	Ground	W	56	51	58	53	56	52	58	54	1.6	1.6	2	2.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0349	Residential	Ground	S	57	53	59	54	58	53	60	55	1.7	1.7	2	2.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0349	Residential	Ground	E	56	52	58	53	57	52	59	54	1.9	1.8	2.2	2.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0349	Residential	Ground	S	57	52	59	54	57	53	59	55	1.7	1.7	2	2.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0349	Residential	Ground	E	54	50	56	51	55	50	57	53	1.9	1.7	2	2.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0349	Residential	Ground	N	51	47	52	47	52	47	53	48	0.7	0.7	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0386	Residential	Ground	W	57	52	58	53	57	52	59	54	0.8	0.9	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0386	Residential	Ground	S	55	50	56	51	56	51	57	52	0.9	0.9	1.1	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0386	Residential	Ground	E	57	53	59	54	58	53	60	55	1.8	1.7	2	2.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0386	Residential	Ground	E	57	52	59	54	58	53	60	55	1.9	1.7	2	2.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0386	Residential	Ground	E	57	53	59	54	58	53	60	55	1.7	1.7	1.9	2.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0386	Residential	Ground	N	54	49	54	49	54	49	55	50	0.5	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0386	Residential	Ground	W	54	49	54	49	55	50	55	50	0.3	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0386	Residential	Ground	N	54	49	54	49	54	49	55	50	0.2	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0386	Residential	Ground	W	57	52	57	53	57	52	58	53	0.9	0.9	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0466	Residential	Ground	W	56	51	56	51	57	51	57	52	0	0	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0466	Residential	Ground	S	55	49	55	50	55	50	56	50	0.1	0.1	0.2	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0466	Residential	Ground	E	50	45	50	45	50	45	51	46	0.5	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0466	Residential	Ground	N	52	47	53	47	53	47	53	48	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0467	Residential	Ground	W	56	50	56	50	56	51	56	51	0	0	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0467	Residential	Ground	W	55	49	55	49	55	50	55	50	0	0.1	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0467	Residential	Ground	W	56	51	56	51	57	51	57	52	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0467	Residential	Ground	W	55	50	55	50	56	50	56	50	0	0	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0467	Residential	Ground	W	57	51	57	51	57	52	57	52	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0467	Residential	Ground	S	55	49	55	50	55	50	56	50	0.1	0.2	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0467	Residential	Ground	E	50	45	50	45	50	45	51	46	0.4	0.5	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0467	Residential	Ground	N	49	43	49	44	49	44	50	45	0.4	0.5	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0467	Residential	Ground	E	50	45	50	45	50	45	51	46	0.6	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0467	Residential	Ground	N	52	47	53	47	53	47	53	48	0.1	0.2	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0468	Residential	Ground	E	51	46	51	47	51	46	52	47	0.4	0.4	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0468	Residential	Ground	N	53	47	53	47	53	47	53	48	0	0.1	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0468	Residential	Ground	W	57	52	57	52	57	52	58	52	-0.1	0.1	0.1	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0468	Residential	Ground	S	56	51	56	51	57	51	57	52	0.2	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0469	Residential	Ground	W	56	50	56	50	56	51	56	51	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0469	Residential	Ground	S	57	51	57	51	57	52	57	52	0.1	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0469	Residential	Ground	E	51	46	51	46	52	46	52	47	0.3	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0469	Residential	Ground	N	49	44	49	44	49	44	50	45	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0469	Residential	Ground	E	49	44	50	44	50	44	50	45	0.4	0.4	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0469	Residential	Ground	N	50	45	51	45	51	45	51	46	0.2	0.4	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0470	Residential	Ground	S	53	48	53	48	53	48	54	49	0.2	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0470	Residential	Ground	E	50	45	51	46	51	45	51	46	0.5	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0470	Residential	Ground	S	50	45	51	46	50	45	51	46	0.5	0.6	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0470	Residential	Ground	E	50	45	50	45	50	45	51	46	0.4	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0470	Residential	Ground	N	50	44	50	44	50	45	50	45	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0470	Residential	Ground	E	48	43	48	43	48	43	49	44	0.5	0.5	0.6	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0470	Residential	Ground	N	49	44	49	44	49	44	50	45	0.5	0.5	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0470	Residential	Ground	E	48	43	49	43	49	43	49	44	0.4	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0470	Residential	Ground	N	52	47	53	47	53	47	53	48	0.1	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0470	Residential	Ground	W	54	49	54	49	54	49	55	49	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0471	Residential	Ground	W	52	47	53	47	53	47	53	48	0.3	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0471	Residential	Ground	S	53	48	53	48	53	48	54	49	0.2	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0471	Residential	Ground	W	53	48	53	48	54	48	54	49	0.1	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0471	Residential	Ground	S	53	47	53	48	53	48	54	48	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0471	Residential	Ground	E	49	43	49	44	49	44	50	45	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0471	Residential	Ground	N	53	47	53	47	53	48	53	48	0.1	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0472	Residential	Ground	W	52	47	53	47	53	48	53	48	0.2	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0472	Residential	Ground	N	50	45	51	45	51	45	51	46	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0472	Residential	Ground	W	53	48	53	48	53	48	54	49	0.1	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0472	Residential	Ground	S	56	50	56	51	56	51	56	51	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0472	Residential	Ground	W	56	51	56	51	56	51	57	51	0	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0472	Residential	Ground	S	56	51	56	51	57	51	57	52	0.1	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0472	Residential	Ground	E	50	45	50	45	50	45	50	45	0.1	0.1	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0472	Residential	Ground	N	52	46	52	46	52	47	52	47	0.1	0.2	0.2	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0473	Residential	Ground	W	51	46	51	46	52	46	52	47	0.1	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0473	Residential	Ground	S	56	50	56	51	56	51	56	51	0.2	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0473	Residential	Ground	E	50	45	51	46	51	46	52	47	0.5	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0473	Residential	Ground	N	48	43	49	43	49	43	49	44	0.1	0.2	0.2	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0474	Residential	Ground	W	49	44	49	44	49	44	50	45	0.4	0.4	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0474	Residential	Ground	S	53	47	53	48	53	48	54	49	0.4	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0474	Residential	Ground	E	49	44	50	45	50	45	51	46	0.5	0.6	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0474	Residential	Ground	N	48	43	49	44	49	44	49	44	0.4	0.5	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0474	Residential	Ground	E	48	43	49	44	49	43	49	44	0.5	0.6	0.8	0.9	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0474	Residential	Ground	N	53	48	53	48	54	48	54	48	0.1	0.2	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0475	Residential	Ground	N	53	48	53	48	54	48	54	48	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0475	Residential	Ground	W	53	48	53	48	54	48	54	49	0.1	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0475	Residential	Ground	N	51	46	51	46	51	46	52	46	0.1	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0475	Residential	Ground	W	52	47	52	47	52	47	53	48	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0475	Residential	Ground	S	54	49	54	49	55	49	55	50	0.2	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0475	Residential	Ground	W	54	49	54	49	54	49	55	50	0.2	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0475	Residential	Ground	S	54	48	54	49	54	49	55	49	0.2	0.3	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0475	Residential	Ground	E	50	45	51	46	51	46	52	47	0.5	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0476	Residential	Ground	W	49	44	50	45	50	44	50	45	0.4	0.5	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0476	Residential	Ground	S	52	47	52	47	52	47	53	48	0.2	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0476	Residential	Ground	E	51	45	51	46	51	46	52	47	0.3	0.4	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0476	Residential	Ground	S	51	46	51	46	51	46	52	47	0.3	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0476	Residential	Ground	E	50	44	50	45	50	45	51	46	0.4	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0476	Residential	Ground	N	53	47	53	47	53	47	53	48	0.1	0.2	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0477	Residential	Ground	W	53	47	53	47	53	48	53	48	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0477	Residential	Ground	S	54	49	54	49	55	49	55	50	0.2	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0477	Residential	Ground	E	51	46	52	47	52	47	53	48	0.5	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0477	Residential	Ground	E	51	46	51	46	51	46	52	47	0.5	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0477	Residential	Ground	E	51	46	51	46	51	46	52	47	0.5	0.6	0.7	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0477	Residential	Ground	S	51	46	52	47	51	46	52	47	0.5	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0477	Residential	Ground	E	51	46	52	47	52	47	52	48	0.5	0.6	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0477	Residential	Ground	N	50	44	50	45	50	45	51	45	0.2	0.4	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0478	Residential	Ground	W	55	50	55	50	55	50	56	51	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0478	Residential	Ground	S	56	51	56	51	56	51	57	51	0.2	0.3	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0478	Residential	Ground	S	54	49	54	49	54	49	55	50	0.3	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0478	Residential	Ground	S	55	50	55	50	56	50	56	51	0.2	0.2	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0478	Residential	Ground	E	50	45	51	46	51	46	51	46	0.3	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0478	Residential	Ground	N	52	47	53	47	53	47	53	48	0.1	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0478	Residential	Ground	W	53	48	53	48	54	48	54	49	0.1	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0478	Residential	Ground	W	53	48	53	48	53	48	54	49	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0478	Residential	Ground	W	53	48	53	48	53	48	53	49	0.2	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0478	Residential	Ground	W	54	49	54	49	54	49	55	50	0.1	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0479	Residential	Ground	W	51	46	51	46	51	46	52	47	0.3	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0479	Residential	Ground	S	54	49	54	49	55	50	55	50	0.2	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0479	Residential	Ground	W	55	50	55	50	56	50	56	51	0.1	0.2	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0479	Residential	Ground	S	56	50	56	51	56	51	57	51	0.2	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0479	Residential	Ground	E	51	45	51	46	51	46	51	47	0.2	0.3	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0479	Residential	Ground	N	52	46	52	47	52	47	53	47	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0479	Residential	Ground	W	52	47	52	47	53	47	53	47	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0479	Residential	Ground	N	52	47	52	47	52	47	53	47	0.1	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0480	Residential	Ground	W	53	48	53	48	54	48	54	49	0.1	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0480	Residential	Ground	S	56	51	56	51	56	51	57	52	0.2	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0480	Residential	Ground	E	50	45	50	46	51	46	51	46	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0480	Residential	Ground	N	50	45	51	45	51	45	51	46	0.2	0.3	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0480	Residential	Ground	N	50	44	50	45	50	45	51	45	0.3	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0481	Residential	Ground	W	50	45	51	46	51	46	51	47	0.4	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0481	Residential	Ground	S	56	51	56	51	56	51	57	51	0.2	0.2	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0481	Residential	Ground	E	50	45	50	45	50	45	51	46	0.2	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0481	Residential	Ground	N	52	46	52	47	52	47	53	47	0.1	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0482	Residential	Ground	W	52	47	52	47	53	48	53	48	0.1	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0482	Residential	Ground	S	56	50	56	51	56	51	56	51	0.2	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0482	Residential	Ground	E	49	44	49	44	49	44	50	45	0.7	0.8	1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0482	Residential	Ground	N	45	40	45	40	45	40	46	41	0.4	0.6	0.6	0.8	57	52	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0482	Residential	Ground	E	45	40	46	40	46	40	46	41	0.5	0.7	0.7	1	58	52	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0482	Residential	Ground	N	49	44	49	44	50	44	50	45	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0483	Residential	Ground	W	51	46	52	47	51	47	52	48	0.5	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0483	Residential	Ground	S	55	50	56	50	56	50	56	51	0.3	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0483	Residential	Ground	S	53	48	54	49	54	49	54	49	0.5	0.5	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0483	Residential	Ground	S	54	49	55	49	55	50	55	50	0.3	0.3	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0483	Residential	Ground	S	53	48	53	48	54	48	54	49	0.3	0.3	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0483	Residential	Ground	S	54	49	54	49	54	49	55	50	0.3	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0483	Residential	Ground	E	50	45	51	46	51	46	51	46	0.3	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0483	Residential	Ground	N	50	45	50	45	50	45	51	46	0.2	0.4	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0484	Residential	Ground	W	57	51	57	52	57	52	58	52	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0484	Residential	Ground	S	55	50	55	50	56	50	56	51	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0484	Residential	Ground	E	52	47	52	47	53	47	53	48	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0484	Residential	Ground	N	49	44	49	44	49	44	50	45	0.4	0.5	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0484	Residential	Ground	E	50	45	51	46	51	46	52	47	0.6	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0484	Residential	Ground	N	53	48	53	48	54	48	54	49	0.1	0.2	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0485	Residential	Ground	W	57	52	57	52	58	52	58	52	0	0	0.1	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0485	Residential	Ground	W	57	51	57	51	57	52	57	52	0	0.1	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0485	Residential	Ground	W	57	52	57	52	58	52	58	52	-0.1	0	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0485	Residential	Ground	S	50	45	50	45	50	45	51	45	0.2	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0485	Residential	Ground	E	52	47	52	47	52	47	53	48	0.1	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0485	Residential	Ground	N	49	44	50	44	50	44	50	45	0.4	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0485	Residential	Ground	E	50	45	51	45	51	45	51	46	0.5	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0485	Residential	Ground	N	53	48	54	48	54	48	54	49	0.1	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0486	Residential	Ground	W	57	51	57	51	57	52	57	52	0	0	0.1	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0486	Residential	Ground	W	56	50	56	50	56	51	57	51	-0.1	0.1	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0486	Residential	Ground	W	58	52	58	53	58	53	59	53	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0486	Residential	Ground	W	58	52	58	52	58	53	58	53	0	0.1	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0486	Residential	Ground	W	58	53	58	53	58	53	59	53	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0486	Residential	Ground	S	58	52	58	52	58	53	58	53	0	0.1	0.2	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0486	Residential	Ground	W	58	52	58	52	58	53	58	53	0	0	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0486	Residential	Ground	S	57	52	57	52	58	52	58	53	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0486	Residential	Ground	E	53	48	53	48	54	48	54	49	0.3	0.3	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0486	Residential	Ground	N	51	46	51	46	52	46	52	47	0.2	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0486	Residential	Ground	N	51	46	52	46	52	46	52	47	0.3	0.4	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0486	Residential	Ground	E	52	46	52	46	52	47	52	47	0.2	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0486	Residential	Ground	N	54	48	54	49	54	49	55	49	0	0.2	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0487	Residential	Ground	W	55	50	55	50	56	51	56	51	0	0	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0487	Residential	Ground	S	56	51	56	51	57	51	57	52	0.1	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0487	Residential	Ground	W	57	51	57	51	57	52	57	52	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0487	Residential	Ground	S	57	52	57	52	58	52	58	53	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0487	Residential	Ground	E	52	47	52	47	52	47	52	47	0.1	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0487	Residential	Ground	N	51	46	51	46	52	46	52	47	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0488	Residential	Ground	W	52	47	52	47	52	47	53	48	0.2	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0488	Residential	Ground	S	57	52	57	52	58	52	58	53	0.1	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0488	Residential	Ground	E	54	49	54	49	54	49	55	50	0.2	0.3	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0488	Residential	Ground	S	54	49	54	49	54	49	55	50	0.3	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0488	Residential	Ground	E	53	48	53	48	54	48	54	49	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0488	Residential	Ground	N	49	44	50	44	50	44	50	45	0.3	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0488	Residential	Ground	E	50	45	50	45	50	45	51	46	0.4	0.5	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0488	Residential	Ground	N	52	46	52	46	52	47	52	47	0.2	0.3	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0489	Residential	Ground	N	52	46	52	47	52	47	53	47	0.2	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0489	Residential	Ground	N	52	46	52	46	52	47	52	47	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0489	Residential	Ground	N	52	47	52	47	52	47	53	47	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0489	Residential	Ground	W	54	49	54	49	54	49	55	50	0.1	0.1	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0489	Residential	Ground	S	56	51	56	51	56	51	57	52	0.1	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0489	Residential	Ground	W	56	51	56	51	57	51	57	52	0.1	0.1	0.3	0.5	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0489	Residential	Ground	W	57	51	57	52	57	52	58	52	0.1	0.2	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0489	Residential	Ground	W	57	52	57	52	57	52	58	52	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0489	Residential	Ground	S	57	52	57	52	57	52	58	52	0.1	0.2	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0489	Residential	Ground	E	52	47	53	48	53	48	53	48	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0490	Residential	Ground	W	54	49	54	49	55	49	55	50	0	0.1	0.2	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0490	Residential	Ground	W	53	48	53	48	54	48	54	49	0.1	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0490	Residential	Ground	S	57	51	57	52	57	52	57	52	0.1	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0490	Residential	Ground	S	57	51	57	51	57	52	57	52	0	0.1	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0490	Residential	Ground	S	57	51	57	52	57	52	58	52	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0490	Residential	Ground	E	53	48	53	48	53	48	54	49	0.3	0.3	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0490	Residential	Ground	N	49	44	50	44	50	44	50	45	0.5	0.5	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0490	Residential	Ground	E	50	45	50	45	50	45	51	46	0.4	0.6	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0490	Residential	Ground	N	52	46	52	47	52	47	53	47	0.2	0.3	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0491	Residential	Ground	N	54	49	54	49	55	49	55	49	0.1	0.2	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0491	Residential	Ground	W	54	48	54	48	54	49	54	49	0	0.2	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0491	Residential	Ground	N	53	48	54	48	54	48	54	49	0.1	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0491	Residential	Ground	W	55	49	55	50	55	50	56	50	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0491	Residential	Ground	S	54	49	55	49	55	50	55	50	0.2	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0491	Residential	Ground	S	54	49	55	49	55	49	55	50	0.1	0.3	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0491	Residential	Ground	E	50	45	51	45	51	46	51	46	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0492	Residential	Ground	W	52	47	52	47	52	47	53	48	0.2	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0492	Residential	Ground	S	54	49	54	49	55	49	55	50	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0492	Residential	Ground	E	50	45	51	46	51	45	51	46	0.5	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0492	Residential	Ground	E	50	45	50	45	50	45	51	46	0.5	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0492	Residential	Ground	E	51	46	51	46	51	46	52	47	0.4	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0492	Residential	Ground	N	49	44	49	44	49	44	50	45	0.4	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0492	Residential	Ground	E	50	44	50	45	50	45	51	46	0.4	0.5	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0492	Residential	Ground	N	54	48	54	48	54	48	54	49	0.1	0.1	0.2	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0493	Residential	Ground	W	53	47	53	48	53	48	54	48	0.1	0.3	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0493	Residential	Ground	S	54	48	54	49	54	49	55	49	0.2	0.2	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0493	Residential	Ground	E	50	45	51	46	51	46	52	47	0.5	0.6	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0493	Residential	Ground	S	51	46	52	47	52	47	53	48	0.5	0.5	0.7	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0493	Residential	Ground	E	51	46	51	46	51	46	52	47	0.3	0.4	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0493	Residential	Ground	E	48	43	49	44	49	44	50	45	0.5	0.6	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0493	Residential	Ground	E	50	45	50	45	50	45	51	46	0.5	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0493	Residential	Ground	N	49	44	49	44	49	44	50	45	0.4	0.5	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0493	Residential	Ground	E	49	44	49	44	49	44	50	45	0.4	0.5	0.7	0.8	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04B	NCA04B.RES.0493	Residential	Ground	N	53	48	53	48	54	48	54	48	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0494	Residential	Ground	W	53	47	53	48	53	48	53	48	0.2	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0494	Residential	Ground	S	54	49	54	49	54	49	55	50	0.3	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0494	Residential	Ground	E	52	47	52	47	52	47	53	48	0.4	0.4	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0494	Residential	Ground	S	53	47	53	48	53	48	54	49	0.3	0.4	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0494	Residential	Ground	E	51	46	51	46	51	46	52	47	0.2	0.3	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0494	Residential	Ground	N	49	43	49	44	49	44	50	45	0.5	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0494	Residential	Ground	E	49	44	50	45	50	45	50	45	0.4	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0494	Residential	Ground	N	53	47	53	48	53	48	54	48	0.1	0.2	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0495	Residential	Ground	W	52	47	52	47	53	48	53	48	0.1	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0495	Residential	Ground	S	54	49	54	49	55	49	55	50	0.2	0.2	0.4	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0495	Residential	Ground	W	55	50	55	50	55	50	56	50	0.1	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0495	Residential	Ground	S	57	51	57	52	57	52	58	52	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0495	Residential	Ground	E	52	47	53	48	53	48	53	48	0.4	0.3	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0495	Residential	Ground	N	51	45	51	46	51	46	52	46	0.3	0.4	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0496	Residential	Ground	W	53	48	53	48	54	48	54	49	0.1	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0496	Residential	Ground	S	55	50	55	50	56	51	56	51	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0496	Residential	Ground	E	53	48	53	48	53	48	54	49	0.4	0.4	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0496	Residential	Ground	S	53	48	54	49	54	49	54	50	0.4	0.3	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0496	Residential	Ground	E	52	47	52	47	52	47	53	48	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0496	Residential	Ground	N	52	46	52	47	52	47	53	47	0.2	0.3	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0496	Residential	Ground	N	48	43	49	43	49	43	49	44	0.5	0.5	0.6	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0496	Residential	Ground	N	53	47	53	48	53	48	54	48	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0497	Residential	Ground	W	53	48	53	48	53	48	54	49	0.2	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0497	Residential	Ground	S	54	49	55	50	55	50	55	50	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0497	Residential	Ground	W	54	49	55	49	55	50	55	50	0.1	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0497	Residential	Ground	S	55	50	55	50	55	50	56	51	0.1	0.2	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0497	Residential	Ground	E	51	46	52	47	52	47	52	47	0.4	0.4	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0497	Residential	Ground	N	51	45	51	46	51	46	51	46	0.3	0.4	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0497	Residential	Ground	N	48	43	49	44	49	43	49	44	0.5	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0497	Residential	Ground	N	53	47	53	47	53	48	53	48	0.2	0.3	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0498	Residential	Ground	W	51	46	52	46	52	47	52	47	0.2	0.3	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0498	Residential	Ground	N	51	45	51	45	51	46	51	46	0.2	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0498	Residential	Ground	W	54	49	54	49	55	50	55	50	0.1	0.1	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0498	Residential	Ground	S	56	51	56	51	57	51	57	52	0.2	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0498	Residential	Ground	S	56	51	56	51	57	51	57	52	0.1	0.1	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0498	Residential	Ground	S	57	51	57	52	57	52	57	52	0.2	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0498	Residential	Ground	E	51	46	51	46	51	46	52	47	0.2	0.2	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0498	Residential	Ground	N	51	46	52	46	52	46	52	47	0.3	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0499	Residential	Ground	S	57	51	57	52	57	52	57	52	0.2	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0499	Residential	Ground	E	54	49	55	50	55	50	55	50	0.2	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0499	Residential	Ground	S	55	50	55	50	56	51	56	51	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0499	Residential	Ground	E	52	48	53	48	53	48	53	49	0.3	0.3	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0499	Residential	Ground	N	51	46	51	46	51	46	52	47	0.2	0.3	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0499	Residential	Ground	W	52	46	52	47	52	47	52	47	0.2	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0500	Residential	Ground	W	53	47	53	48	53	48	53	48	0.2	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0500	Residential	Ground	S	53	48	54	49	54	49	54	49	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0500	Residential	Ground	W	54	49	54	49	54	49	55	50	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0500	Residential	Ground	S	54	49	55	49	55	50	55	50	0.2	0.3	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0500	Residential	Ground	E	50	45	51	46	51	46	51	46	0.3	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0500	Residential	Ground	N	52	46	52	47	52	47	53	47	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0501	Residential	Ground	W	51	46	51	46	51	46	52	47	0.3	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0501	Residential	Ground	S	55	49	55	50	55	50	56	51	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0501	Residential	Ground	E	52	47	53	48	53	48	53	49	0.5	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0501	Residential	Ground	S	53	48	54	49	54	49	54	49	0.4	0.5	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0501	Residential	Ground	E	51	46	52	47	52	47	52	48	0.4	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0501	Residential	Ground	N	48	43	49	43	49	43	49	44	0.4	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0501	Residential	Ground	E	49	44	49	44	49	44	50	45	0.4	0.4	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0501	Residential	Ground	N	52	46	52	47	52	47	53	47	0.1	0.2	0.2	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0502	Residential	Ground	W	53	48	53	48	53	48	54	48	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0502	Residential	Ground	N	52	46	52	46	52	47	52	47	0.2	0.3	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0502	Residential	Ground	W	54	49	54	49	54	49	55	50	0.1	0.1	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0502	Residential	Ground	W	55	50	55	50	55	50	56	51	0.1	0.1	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0502	Residential	Ground	S	56	51	56	51	57	51	57	52	0.2	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0502	Residential	Ground	W	56	51	56	51	57	51	57	52	0	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0502	Residential	Ground	S	57	52	57	52	57	52	57	52	0.2	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0502	Residential	Ground	E	51	46	51	47	52	47	52	47	0.2	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0502	Residential	Ground	N	51	46	52	46	52	46	52	47	0.3	0.4	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0503	Residential	Ground	W	51	47	52	47	52	47	52	48	0.2	0.2	0.5	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0503	Residential	Ground	S	56	51	57	51	57	52	57	52	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0503	Residential	Ground	E	52	47	52	48	52	47	53	48	0.3	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0503	Residential	Ground	N	50	45	50	45	50	45	51	46	0.4	0.5	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0504	Residential	Ground	W	52	47	52	47	53	48	53	48	0	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0504	Residential	Ground	S	55	50	55	50	55	50	56	51	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0504	Residential	Ground	S	53	48	54	49	54	49	54	50	0.5	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0504	Residential	Ground	S	54	49	54	49	54	49	55	50	0.4	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0504	Residential	Ground	E	51	46	52	47	52	47	52	48	0.6	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0504	Residential	Ground	N	45	40	45	40	45	40	46	41	0.6	0.8	0.9	1.1	57	52	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0504	Residential	Ground	E	45	40	46	41	46	40	46	41	0.8	0.9	0.9	1.1	58	52	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0504	Residential	Ground	N	51	45	51	46	52	46	52	46	0.2	0.3	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0505	Residential	Ground	W	54	49	54	49	54	49	55	50	0.1	0.2	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0505	Residential	Ground	S	56	51	56	51	56	51	57	52	0.2	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0505	Residential	Ground	S	56	51	56	51	56	51	57	51	0.1	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0505	Residential	Ground	S	56	51	56	51	56	51	57	52	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0505	Residential	Ground	E	52	47	52	47	52	47	53	48	0.4	0.5	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0505	Residential	Ground	N	51	45	51	46	51	46	52	46	0.4	0.4	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0505	Residential	Ground	N	50	45	50	45	50	45	51	46	0.3	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0505	Residential	Ground	N	50	45	51	45	51	45	51	46	0.3	0.4	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0506	Residential	Ground	W	52	47	52	47	52	47	53	48	0.2	0.2	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0506	Residential	Ground	S	54	49	54	49	55	49	55	50	0.3	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0506	Residential	Ground	E	51	46	52	47	52	47	52	48	0.5	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0506	Residential	Ground	N	50	45	50	45	50	45	51	46	0.5	0.6	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0506	Residential	Ground	N	49	44	50	45	50	44	50	45	0.6	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0506	Residential	Ground	N	52	46	52	47	52	47	53	47	0.3	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0506	Residential	Ground	N	51	46	51	46	52	46	52	47	0.1	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0506	Residential	Ground	N	52	46	52	46	52	47	52	47	0.2	0.3	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0507	Residential	Ground	NW	53	48	53	48	54	48	54	49	0.2	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0507	Residential	Ground	NW	52	47	52	47	53	47	53	48	0.3	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0507	Residential	Ground	SW	55	50	55	50	56	51	56	51	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0507	Residential	Ground	SE	54	50	55	50	55	50	55	51	0.3	0.3	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0507	Residential	Ground	SW	54	50	55	50	55	50	55	51	0.2	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0507	Residential	Ground	SE	54	49	54	49	54	49	55	50	0.2	0.3	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0507	Residential	Ground	NE	50	45	50	45	50	45	51	46	0.8	0.8	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0507	Residential	Ground	SE	50	45	51	46	51	46	52	47	0.8	0.8	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0507	Residential	Ground	NE	49	44	50	45	50	45	51	46	0.7	0.8	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0507	Residential	Ground	NE	49	44	49	44	49	44	50	45	0.8	0.8	0.9	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0507	Residential	Ground	NE	50	45	51	46	51	45	51	46	0.5	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0508	Residential	Ground	NW	54	49	54	49	54	49	55	49	0	0	0.2	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0508	Residential	Ground	SW	54	49	54	49	54	49	55	50	0.3	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0508	Residential	Ground	SE	54	49	54	50	54	50	55	50	0.3	0.3	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0508	Residential	Ground	NE	47	42	48	43	48	43	49	44	1.1	1	1.3	1.5	60	54	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0508	Residential	Ground	SE	49	44	50	45	49	44	50	46	1.1	1.1	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0508	Residential	Ground	NE	47	42	48	43	48	42	49	44	0.8	0.9	1	1.2	60	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0508	Residential	Ground	NW	49	44	49	44	50	44	50	44	0.1	0.2	0.2	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0508	Residential	Ground	NE	46	41	47	41	47	41	47	42	0.3	0.4	0.4	0.6	59	53	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0509	Residential	Ground	NW	53	48	53	48	53	48	54	49	0.3	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0509	Residential	Ground	SW	53	47	53	48	53	48	53	48	0.2	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0509	Residential	Ground	NW	52	47	52	47	53	47	53	48	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0509	Residential	Ground	SW	51	45	51	46	51	46	52	47	0.4	0.6	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0509	Residential	Ground	SE	52	47	52	47	52	47	53	48	0.6	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0509	Residential	Ground	SW	53	48	53	48	53	48	54	49	0.5	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0509	Residential	Ground	SE	54	49	54	49	54	49	55	50	0.3	0.4	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0509	Residential	Ground	NE	50	45	50	45	50	45	51	46	0.7	0.7	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0510	Residential	Ground	W	53	48	53	48	54	48	54	49	0.1	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0510	Residential	Ground	S	52	47	52	47	52	47	53	48	0.6	0.7	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0510	Residential	Ground	SW	53	48	54	49	54	49	54	49	0.5	0.4	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0510	Residential	Ground	SE	54	49	54	50	54	49	55	50	0.4	0.4	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0510	Residential	Ground	NE	50	45	50	45	50	45	51	46	0.7	0.7	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0510	Residential	Ground	N	49	44	50	44	50	44	50	45	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0515	Residential	Ground	W	54	48	54	48	54	49	54	49	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0515	Residential	Ground	S	56	51	56	51	57	51	57	52	0.1	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0515	Residential	Ground	E	53	48	53	48	53	48	54	49	0.3	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0515	Residential	Ground	N	50	45	50	45	50	45	51	46	0.4	0.5	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0515	Residential	Ground	E	52	47	52	47	52	47	53	48	0.5	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0515	Residential	Ground	N	54	48	54	48	54	49	55	49	0.1	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0519	Residential	Ground	W	55	49	55	50	55	50	55	50	0	0.1	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0519	Residential	Ground	S	57	52	57	52	58	53	58	53	0	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0519	Residential	Ground	E	52	47	53	47	53	47	53	48	0.4	0.4	0.6	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0519	Residential	Ground	N	52	47	52	47	53	47	53	48	0.1	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0519	Residential	Ground	N	51	46	51	46	52	46	52	47	0.2	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0519	Residential	Ground	N	53	48	54	48	54	48	54	49	0.1	0.2	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0520	Residential	Ground	W	56	51	56	51	56	51	57	51	0	0	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0520	Residential	Ground	S	57	52	57	52	57	52	57	52	0	0.1	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0520	Residential	Ground	W	57	52	57	52	58	52	58	53	0	0.1	0.2	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0520	Residential	Ground	S	57	52	57	52	58	52	58	53	0	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0520	Residential	Ground	E	51	46	52	47	52	47	52	47	0.3	0.4	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0520	Residential	Ground	N	52	47	53	47	53	47	53	48	0.1	0.2	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0521	Residential	Ground	W	52	47	53	48	53	48	53	48	0.3	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04B	NCA04B.RES.0521	Residential	Ground	S	57	52	57	52	57	52	58	53	0.1	0.1	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0521	Residential	Ground	E	53	48	53	48	53	48	54	49	0.4	0.4	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0521	Residential	Ground	S	54	49	54	49	54	49	55	50	0.3	0.3	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0521	Residential	Ground	E	53	49	54	49	54	49	54	49	0.2	0.2	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0521	Residential	Ground	E	52	47	52	47	52	47	53	48	0.4	0.4	0.6	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0521	Residential	Ground	E	52	47	52	47	52	47	53	48	0.3	0.4	0.7	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0521	Residential	Ground	N	53	47	53	47	53	48	53	48	0.1	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0522	Residential	Ground	W	55	50	55	50	55	50	56	51	0	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0522	Residential	Ground	S	57	52	57	52	57	52	58	53	0	0.1	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0522	Residential	Ground	S	57	52	57	52	57	52	57	52	0	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0522	Residential	Ground	E	52	47	52	47	52	47	53	48	0.5	0.5	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0522	Residential	Ground	S	52	47	53	48	52	47	53	48	0.4	0.5	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0522	Residential	Ground	E	52	47	52	47	52	47	53	48	0.5	0.5	0.8	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0522	Residential	Ground	N	52	47	52	47	53	47	53	48	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0522	Residential	Ground	N	50	45	51	45	51	45	51	46	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0522	Residential	Ground	N	53	48	53	48	54	48	54	48	0.1	0.1	0.2	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0523	Residential	Ground	W	56	51	56	51	56	51	56	51	0.1	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0523	Residential	Ground	S	57	52	57	52	57	52	57	52	0	0.1	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0523	Residential	Ground	S	57	52	57	52	57	52	57	52	0	0.1	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0523	Residential	Ground	S	57	51	57	52	57	52	57	52	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0523	Residential	Ground	S	57	51	57	52	57	52	57	52	0.1	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0523	Residential	Ground	E	51	46	51	46	51	46	52	47	0.4	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0523	Residential	Ground	N	53	47	53	47	53	48	53	48	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0524	Residential	Ground	W	54	48	54	49	54	49	55	49	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0524	Residential	Ground	S	56	51	56	51	56	51	57	52	0.1	0.1	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0524	Residential	Ground	E	53	48	53	48	53	48	54	49	0.3	0.3	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0524	Residential	Ground	S	55	50	55	50	55	50	56	51	0.3	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0524	Residential	Ground	E	51	46	52	47	51	46	52	47	0.6	0.7	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0524	Residential	Ground	N	51	45	51	46	51	46	52	46	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0524	Residential	Ground	E	50	45	51	46	51	45	51	46	0.5	0.5	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0524	Residential	Ground	N	53	48	54	48	54	48	54	49	0.1	0.1	0.2	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0525	Residential	Ground	N	52	47	53	47	53	47	53	48	0.2	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0525	Residential	Ground	N	51	46	51	46	51	46	52	47	0.3	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0525	Residential	Ground	N	54	48	54	48	54	49	54	49	0.1	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0525	Residential	Ground	W	54	48	54	49	54	49	55	49	0	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0525	Residential	Ground	N	53	47	53	47	53	48	53	48	0.1	0.2	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0525	Residential	Ground	W	54	49	55	49	55	50	55	50	0.1	0.1	0.3	0.5	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04B	NCA04B.RES.0525	Residential	Ground	S	56	50	56	50	56	51	56	51	0.1	0.1	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0525	Residential	Ground	W	56	50	56	51	56	51	56	51	0.1	0.1	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0525	Residential	Ground	S	56	51	56	51	57	51	57	52	0.1	0.1	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0525	Residential	Ground	E	53	48	53	48	53	48	54	49	0.2	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0526	Residential	Ground	W	54	49	54	49	54	49	55	49	0.1	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0526	Residential	Ground	S	56	50	56	51	56	51	56	51	0.1	0.1	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0526	Residential	Ground	W	56	50	56	51	56	51	56	51	0	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0526	Residential	Ground	S	56	51	56	51	57	51	57	52	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0526	Residential	Ground	E	52	47	53	48	53	48	53	49	0.3	0.4	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0526	Residential	Ground	N	53	47	53	48	53	48	54	48	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0527	Residential	Ground	W	52	47	52	47	53	48	53	48	0.1	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0527	Residential	Ground	S	54	49	55	49	55	50	55	50	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0527	Residential	Ground	S	54	49	54	49	55	49	55	50	0.2	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0527	Residential	Ground	S	54	49	55	50	55	50	55	50	0.3	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0527	Residential	Ground	E	53	48	54	49	54	49	54	49	0.3	0.3	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0527	Residential	Ground	N	53	47	53	48	53	48	54	48	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0528	Residential	Ground	W	52	47	52	48	53	48	53	48	0.1	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0528	Residential	Ground	S	56	51	56	51	56	51	57	52	0.1	0.1	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0528	Residential	Ground	E	51	46	51	46	51	46	52	47	0.2	0.2	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0528	Residential	Ground	N	53	47	53	47	53	48	53	48	0.2	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0529	Residential	Ground	W	51	46	51	46	51	46	52	47	0.2	0.3	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0529	Residential	Ground	S	56	51	56	51	56	51	57	52	0.1	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0529	Residential	Ground	E	53	48	53	48	53	48	54	49	0.3	0.3	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0529	Residential	Ground	N	50	45	51	45	51	45	51	46	0.4	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0529	Residential	Ground	N	50	44	50	45	50	45	51	46	0.4	0.5	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0529	Residential	Ground	E	49	44	50	45	50	44	50	45	0.5	0.6	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0529	Residential	Ground	N	50	45	50	45	50	45	51	46	0.5	0.6	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0529	Residential	Ground	E	49	44	50	45	50	45	50	45	0.5	0.6	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0529	Residential	Ground	N	53	47	53	48	53	48	54	48	0.2	0.3	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0530	Residential	Ground	W	54	49	54	49	55	50	55	50	0.2	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0530	Residential	Ground	S	56	51	56	51	57	51	57	52	0.2	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0530	Residential	Ground	E	53	48	53	48	53	48	54	49	0.4	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0530	Residential	Ground	N	50	45	50	45	51	45	51	46	0.3	0.4	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0530	Residential	Ground	W	50	45	50	45	50	45	51	46	0.4	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0530	Residential	Ground	N	49	44	50	44	50	44	50	45	0.5	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0530	Residential	Ground	E	50	45	51	46	51	45	51	46	0.4	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0530	Residential	Ground	N	52	47	52	47	52	47	53	48	0.2	0.3	0.4	0.5	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04B	NCA04B.RES.0531	Residential	Ground	W	55	50	55	50	55	50	55	50	0.1	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0531	Residential	Ground	S	56	51	56	51	56	51	57	52	0.1	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0531	Residential	Ground	W	56	51	56	51	57	51	57	52	0	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0531	Residential	Ground	S	56	51	56	51	57	51	57	52	0.2	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0531	Residential	Ground	E	51	45	51	46	51	46	52	47	0.6	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0531	Residential	Ground	N	52	47	52	47	53	47	53	48	0.2	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0532	Residential	Ground	NW	53	47	53	48	53	48	54	48	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0532	Residential	Ground	SW	54	49	55	50	55	50	55	50	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0532	Residential	Ground	SE	55	50	55	51	56	51	56	51	0.2	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0533	Residential	Ground	W	54	49	54	49	55	49	55	50	0	0	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0533	Residential	Ground	W	52	46	52	46	52	47	52	47	0	0	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0533	Residential	Ground	W	55	50	55	50	55	50	56	50	0.1	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0533	Residential	Ground	S	56	51	56	51	56	51	57	52	0.2	0.1	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0533	Residential	Ground	E	50	45	50	46	50	45	51	46	0.8	0.9	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0533	Residential	Ground	N	51	45	51	45	51	46	51	46	0.1	0.1	0.1	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0540	Residential	Ground	SW	56	51	56	51	56	51	57	51	0.1	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0540	Residential	Ground	SE	57	51	57	52	57	52	57	52	0.1	0.1	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0540	Residential	Ground	NE	52	47	52	47	52	47	53	48	0.3	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0540	Residential	Ground	NW	55	50	55	50	56	50	56	50	0	0	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0541	Residential	Ground	NW	56	50	56	50	56	51	56	51	-0.1	0.1	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0541	Residential	Ground	SW	56	50	56	50	56	51	56	51	0	0.1	0.1	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0541	Residential	Ground	NW	56	50	56	50	56	51	56	51	0	0.1	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0541	Residential	Ground	SW	56	51	56	51	56	51	57	52	0	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0541	Residential	Ground	SE	57	52	57	52	57	52	58	52	0	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0541	Residential	Ground	SW	57	52	57	52	57	52	58	52	0.1	0.1	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0541	Residential	Ground	SE	57	52	57	52	57	52	58	53	0	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0541	Residential	Ground	SE	57	52	57	52	57	52	57	52	0.1	0.1	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0541	Residential	Ground	NE	52	47	52	47	52	47	53	48	0.2	0.4	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0542	Residential	Ground	SW	51	46	52	47	52	47	52	47	0.3	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0542	Residential	Ground	SE	57	51	57	52	57	52	57	52	0.1	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0542	Residential	Ground	NE	52	47	53	47	53	47	53	48	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0542	Residential	Ground	NW	55	50	55	50	56	50	56	50	0.1	0.1	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0542	Residential	Ground	NW	54	48	54	48	54	49	54	49	0	0.1	0.2	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0542	Residential	Ground	NW	55	50	55	50	56	50	56	51	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0543	Residential	Ground	SW	55	49	55	50	55	50	55	50	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0543	Residential	Ground	SE	56	51	56	51	56	51	57	52	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0543	Residential	Ground	SE	56	51	56	51	56	51	57	52	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0543	Residential	Ground	SE	57	52	57	52	57	52	57	52	0.1	0.1	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0543	Residential	Ground	SE	55	50	55	50	55	50	56	51	0.1	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0543	Residential	Ground	SE	56	51	56	51	56	51	57	52	0.1	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0543	Residential	Ground	SE	56	51	56	51	56	51	57	52	0	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0543	Residential	Ground	SE	57	51	57	52	57	52	57	52	0	0.1	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0543	Residential	Ground	NE	52	47	52	47	52	47	53	48	0.4	0.5	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0543	Residential	Ground	NW	55	49	55	49	55	49	55	50	0.1	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0543	Residential	Ground	NW	55	49	55	49	55	50	56	50	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0543	Residential	Ground	NW	54	48	54	48	54	48	54	49	0.1	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0543	Residential	Ground	NW	56	50	56	50	56	51	56	51	0	0.1	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0544	Residential	Ground	SW	54	48	54	49	54	49	54	49	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0544	Residential	Ground	SE	56	51	56	51	57	51	57	52	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0544	Residential	Ground	NE	52	47	52	47	52	47	53	48	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0544	Residential	Ground	NW	52	46	52	47	52	47	53	47	0.2	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0544	Residential	Ground	NE	52	47	52	47	52	47	53	48	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0544	Residential	Ground	NW	56	50	55	50	56	50	56	51	-0.1	0.1	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0545	Residential	Ground	NW	55	49	55	50	55	50	56	50	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0545	Residential	Ground	SW	55	50	55	50	56	50	56	50	0	0.1	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0545	Residential	Ground	NW	54	48	54	48	54	49	54	49	0	0.2	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0545	Residential	Ground	SW	57	52	57	52	57	52	58	53	0	0.1	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0545	Residential	Ground	SE	57	52	57	52	57	52	58	52	0	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0545	Residential	Ground	SE	57	51	57	52	57	52	57	52	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0545	Residential	Ground	SE	57	52	57	52	57	52	57	52	0	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0545	Residential	Ground	SE	55	50	55	50	55	50	56	51	0.2	0.2	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0545	Residential	Ground	SE	56	51	56	51	56	51	57	52	0.1	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0545	Residential	Ground	NE	51	46	52	47	52	47	52	47	0.4	0.4	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0546	Residential	Ground	SW	53	47	53	48	53	48	54	48	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0546	Residential	Ground	SE	56	51	56	51	56	51	57	52	0.1	0.2	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0546	Residential	Ground	NE	51	46	52	46	52	46	52	47	0.4	0.5	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0546	Residential	Ground	NW	54	48	54	49	54	49	55	49	0	0.1	0.2	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0547	Residential	Ground	SW	53	48	54	48	54	49	54	49	0.3	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0547	Residential	Ground	SE	56	51	56	51	56	51	57	52	0.1	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0547	Residential	Ground	NE	51	46	51	46	51	46	52	47	0.4	0.5	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0547	Residential	Ground	NW	54	49	54	49	55	49	55	49	0.1	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0548	Residential	Ground	SW	56	50	56	51	56	51	56	51	0.1	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0548	Residential	Ground	SE	56	51	56	51	57	52	57	52	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0548	Residential	Ground	NE	54	49	54	49	54	49	55	50	0.3	0.3	0.6	0.8	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0548	Residential	Ground	SE	54	49	54	49	54	49	55	50	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0548	Residential	Ground	E	54	49	54	49	54	49	55	50	0.2	0.3	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0548	Residential	Ground	SE	55	49	55	50	55	50	55	50	0.2	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0548	Residential	Ground	NE	52	47	52	47	52	47	53	48	0.3	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0548	Residential	Ground	NW	55	49	55	49	55	50	56	50	0	0.1	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0549	Residential	Ground	NW	55	50	55	50	56	50	56	50	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0549	Residential	Ground	SW	56	50	56	51	56	51	56	51	0.1	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0549	Residential	Ground	SE	56	51	56	51	56	51	57	52	0.1	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0549	Residential	Ground	SW	56	51	56	51	56	51	57	52	0.2	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0549	Residential	Ground	SE	56	51	56	51	56	51	57	52	0.2	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0549	Residential	Ground	NE	51	46	52	47	52	47	52	47	0.4	0.4	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0550	Residential	Ground	NW	55	50	55	50	56	50	56	50	0.1	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0550	Residential	Ground	NW	55	49	55	50	55	50	56	50	0	0.1	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0550	Residential	Ground	SW	55	50	55	50	56	50	56	51	0	0.2	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0550	Residential	Ground	SW	54	49	54	49	55	49	55	50	0.1	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0550	Residential	Ground	NW	53	48	53	48	54	48	54	49	0.1	0.1	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0550	Residential	Ground	SW	54	49	54	49	54	49	55	50	0.2	0.2	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0550	Residential	Ground	SE	56	50	56	51	56	51	56	51	0.2	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0550	Residential	Ground	SE	55	50	55	50	56	50	56	51	0.2	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0550	Residential	Ground	SE	55	50	56	50	56	51	56	51	0.2	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0550	Residential	Ground	NE	51	46	51	46	51	46	52	47	0.4	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0551	Residential	Ground	W	55	50	55	50	55	50	56	51	0.2	0.2	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0551	Residential	Ground	SW	52	47	53	48	53	48	54	48	0.4	0.4	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0551	Residential	Ground	SE	55	50	55	50	55	50	56	51	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0551	Residential	Ground	SE	55	50	55	50	55	50	56	51	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0551	Residential	Ground	SE	52	47	53	48	53	48	54	49	0.4	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0551	Residential	Ground	SE	54	49	54	49	54	49	55	50	0.3	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0551	Residential	Ground	NE	51	45	51	46	51	46	52	47	0.4	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0551	Residential	Ground	NW	55	49	55	49	55	50	56	50	0.1	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0552	Residential	Ground	SW	52	46	52	47	52	47	53	48	0.3	0.4	0.6	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0552	Residential	Ground	SE	56	51	56	51	56	51	57	52	0.1	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0552	Residential	Ground	NE	51	46	51	46	51	46	52	47	0.5	0.6	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0552	Residential	Ground	NW	52	47	52	47	52	47	53	47	0.2	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0552	Residential	Ground	NE	51	45	51	46	51	46	52	47	0.3	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0552	Residential	Ground	NW	55	49	55	49	55	50	55	50	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0553	Residential	Ground	SW	54	49	54	49	54	49	55	50	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0553	Residential	Ground	SE	56	51	56	51	56	51	56	52	0.1	0.1	0.4	0.6	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04B	NCA04B.RES.0553	Residential	Ground	SW	56	51	56	51	56	51	57	52	0.1	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0553	Residential	Ground	SE	56	50	56	51	56	51	56	51	0.2	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0553	Residential	Ground	NE	50	45	51	45	51	45	51	46	0.4	0.5	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0553	Residential	Ground	NW	54	49	54	49	55	49	55	49	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0554	Residential	Ground	SW	51	46	51	46	51	46	52	47	0.5	0.5	0.7	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0554	Residential	Ground	SE	55	50	55	50	55	50	56	51	0.2	0.2	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0554	Residential	Ground	SE	54	49	55	50	55	50	55	50	0.3	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0554	Residential	Ground	SE	55	50	55	50	55	50	56	51	0.1	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0554	Residential	Ground	SE	53	48	53	48	53	48	54	49	0.4	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0554	Residential	Ground	SE	54	49	54	49	54	49	55	50	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0554	Residential	Ground	NE	51	46	51	46	51	46	52	47	0.5	0.5	0.7	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0554	Residential	Ground	NW	54	49	54	49	55	49	55	50	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0554	Residential	Ground	NW	55	49	55	49	55	50	55	50	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0554	Residential	Ground	SW	52	47	53	48	53	48	53	48	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0554	Residential	Ground	SW	52	47	52	47	52	47	53	48	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0555	Residential	Ground	SW	52	47	53	48	53	47	53	48	0.4	0.5	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0555	Residential	Ground	SE	55	49	55	50	55	50	55	50	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0555	Residential	Ground	NE	51	46	51	46	51	46	52	47	0.5	0.6	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0555	Residential	Ground	NW	55	49	55	49	55	50	55	50	0	0.1	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0555	Residential	Ground	SW	56	50	56	50	56	51	56	51	0.1	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0555	Residential	Ground	NW	55	49	55	49	55	50	55	50	0.1	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0556	Residential	Ground	SW	50	45	51	46	51	45	51	46	0.4	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0556	Residential	Ground	SE	53	47	53	48	53	48	54	49	0.4	0.5	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0556	Residential	Ground	E	52	47	53	48	53	48	54	49	0.4	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0556	Residential	Ground	SE	54	49	54	49	55	49	55	50	0.3	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0556	Residential	Ground	NE	51	46	51	46	51	46	52	47	0.5	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0556	Residential	Ground	NW	54	49	54	49	54	49	55	49	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0557	Residential	Ground	SW	53	48	54	49	54	49	54	49	0.3	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0557	Residential	Ground	SE	55	50	55	50	55	50	56	51	0.2	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0557	Residential	Ground	SW	55	50	55	50	55	50	56	51	0.3	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0557	Residential	Ground	SE	55	50	55	50	55	50	56	51	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0557	Residential	Ground	NE	50	45	50	45	50	45	51	46	0.4	0.6	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0557	Residential	Ground	NW	54	48	54	49	54	49	55	49	0	0.1	0.2	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0557	Residential	Ground	NW	54	48	54	48	54	49	54	49	0.1	0.2	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0557	Residential	Ground	NW	54	49	54	49	54	49	55	49	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0558	Residential	Ground	SW	49	44	50	45	50	45	50	46	0.5	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0558	Residential	Ground	SE	55	50	55	50	55	50	56	51	0.2	0.2	0.6	0.6	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0558	Residential	Ground	NE	50	45	51	45	50	45	51	46	0.6	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0558	Residential	Ground	NW	51	46	52	46	52	46	52	47	0.2	0.2	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0558	Residential	Ground	E	50	45	50	45	50	45	51	46	0.3	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0558	Residential	Ground	NW	53	48	53	48	54	48	54	49	0.1	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0559	Residential	Ground	SW	51	46	51	46	51	46	52	47	0.5	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0559	Residential	Ground	SE	55	50	55	50	55	50	56	51	0.2	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0559	Residential	Ground	NE	50	45	51	46	51	46	52	47	0.6	0.7	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0559	Residential	Ground	NW	50	45	51	45	51	45	51	46	0.3	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0559	Residential	Ground	NE	50	45	50	45	50	45	51	46	0.4	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0559	Residential	Ground	NW	54	48	54	48	54	49	54	49	0	0.1	0.2	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0560	Residential	Ground	SW	52	47	52	47	52	47	53	48	0.5	0.5	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0560	Residential	Ground	SE	54	49	54	49	55	49	55	50	0.3	0.3	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0560	Residential	Ground	NE	51	46	51	46	51	46	52	47	0.6	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0560	Residential	Ground	NW	53	48	53	48	54	48	54	49	0.1	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0561	Residential	Ground	SW	55	49	55	50	55	50	55	50	0.2	0.3	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0561	Residential	Ground	SE	54	49	54	49	54	49	55	50	0.3	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0561	Residential	Ground	NE	50	45	51	46	51	46	52	47	0.6	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0561	Residential	Ground	NE	50	45	50	45	50	45	51	46	0.4	0.5	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0561	Residential	Ground	NE	50	45	51	46	51	46	51	46	0.4	0.5	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0561	Residential	Ground	NW	54	49	54	49	54	49	55	49	0	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0562	Residential	Ground	SW	52	47	52	47	52	47	53	48	0.4	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0562	Residential	Ground	SE	54	49	54	49	54	49	55	50	0.4	0.4	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0562	Residential	Ground	SE	54	49	54	49	54	49	55	50	0.3	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0562	Residential	Ground	NE	50	45	50	45	50	45	51	46	0.5	0.5	0.7	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0562	Residential	Ground	NW	53	47	53	47	53	48	53	48	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0562	Residential	Ground	NW	53	48	53	48	53	48	54	48	0.2	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0563	Residential	Ground	NW	55	49	55	50	55	50	55	50	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0563	Residential	Ground	SW	55	49	55	49	55	50	55	50	0.1	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0563	Residential	Ground	NW	54	49	54	49	55	49	55	50	0.1	0.2	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0563	Residential	Ground	SW	55	50	55	50	56	51	56	51	0.2	0.2	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0563	Residential	Ground	SE	54	49	54	49	54	49	55	50	0.4	0.4	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0563	Residential	Ground	NE	50	44	50	45	50	45	51	46	0.6	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0563	Residential	Ground	SE	49	44	50	45	50	45	51	46	0.6	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0563	Residential	Ground	NE	50	45	51	45	51	45	51	46	0.5	0.5	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0563	Residential	Ground	NW	50	45	51	46	51	46	51	46	0.3	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0563	Residential	Ground	NE	50	45	51	45	51	46	51	46	0.4	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0564	Residential	Ground	W	54	48	54	48	54	49	54	49	0.1	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04B	NCA04B.RES.0564	Residential	Ground	N	51	46	51	46	52	46	52	46	0	0.1	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0564	Residential	Ground	W	55	50	55	50	55	50	56	51	0.1	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0564	Residential	Ground	S	55	50	55	50	55	50	56	51	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0564	Residential	Ground	E	48	44	49	44	49	44	50	45	0.6	0.7	0.9	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0564	Residential	Ground	N	51	45	51	45	51	46	51	46	0.1	0.2	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0565	Residential	Ground	N	52	47	53	47	53	47	53	48	0.2	0.3	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0565	Residential	Ground	W	52	46	52	47	52	47	53	47	0.2	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0565	Residential	Ground	N	51	46	52	46	52	47	52	47	0.2	0.3	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0565	Residential	Ground	W	48	43	49	44	49	44	50	45	0.8	0.8	1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0565	Residential	Ground	S	55	50	55	50	55	50	56	51	0.3	0.3	0.5	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0565	Residential	Ground	E	51	46	52	47	51	46	52	47	0.6	0.7	0.9	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0566	Residential	Ground	NW	55	49	55	50	55	50	55	50	0.1	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0566	Residential	Ground	SW	53	48	53	48	53	48	54	49	0.3	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0566	Residential	Ground	SE	53	48	54	49	53	49	54	49	0.4	0.4	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0566	Residential	Ground	NE	50	45	50	45	50	45	51	46	0.6	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0566	Residential	Ground	NE	49	44	49	44	49	44	50	45	0.7	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0566	Residential	Ground	NE	50	44	50	45	50	45	51	46	0.5	0.6	0.7	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0567	Residential	Ground	NW	53	48	53	48	54	48	54	49	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0567	Residential	Ground	NE	51	46	51	46	51	46	52	47	0.2	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0567	Residential	Ground	NW	55	50	55	50	55	50	56	51	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0567	Residential	Ground	SW	53	48	54	48	54	48	54	49	0.3	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0567	Residential	Ground	SE	54	49	54	49	54	49	55	50	0.3	0.3	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0567	Residential	Ground	SW	54	49	54	49	54	49	55	50	0.3	0.4	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0567	Residential	Ground	SE	54	49	54	49	54	49	55	50	0.4	0.4	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0567	Residential	Ground	NE	50	45	51	45	50	45	51	46	0.5	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0568	Residential	Ground	W	55	49	55	50	55	50	55	50	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0568	Residential	Ground	S	54	49	54	49	54	49	55	50	0.2	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0568	Residential	Ground	W	54	49	54	49	54	49	55	50	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0568	Residential	Ground	S	55	50	55	50	55	50	56	51	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0568	Residential	Ground	E	52	47	52	47	52	47	53	48	0.6	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0568	Residential	Ground	S	51	47	52	47	52	47	53	48	0.6	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0568	Residential	Ground	E	52	47	52	48	52	47	53	48	0.6	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0568	Residential	Ground	N	51	46	51	46	51	46	52	47	0.3	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0569	Residential	Ground	W	54	49	54	49	55	49	55	50	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0569	Residential	Ground	S	54	49	54	49	54	49	55	50	0.3	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0569	Residential	Ground	W	53	48	54	48	54	48	54	49	0.2	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0569	Residential	Ground	S	53	48	53	48	53	48	54	49	0.4	0.4	0.7	0.9	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0569	Residential	Ground	E	51	47	52	47	52	47	53	48	0.6	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0569	Residential	Ground	N	51	46	51	46	51	46	52	47	0.3	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0570	Residential	Ground	W	54	48	54	49	54	49	54	49	0.2	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0570	Residential	Ground	S	54	49	55	50	55	49	55	50	0.3	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0570	Residential	Ground	SE	52	47	53	48	52	47	53	48	0.5	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0570	Residential	Ground	S	52	47	53	48	52	47	53	48	0.6	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0570	Residential	Ground	S	52	47	53	48	53	48	54	49	0.6	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0570	Residential	Ground	S	53	48	53	48	53	48	54	49	0.4	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0570	Residential	Ground	E	52	47	52	47	52	47	53	48	0.6	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0570	Residential	Ground	N	50	45	50	45	50	45	51	46	0.5	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0570	Residential	Ground	W	52	47	52	47	52	47	53	47	0.2	0.3	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0570	Residential	Ground	W	52	46	52	47	52	47	53	47	0.2	0.3	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0571	Residential	Ground	W	54	48	54	49	54	49	55	49	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0571	Residential	Ground	N	53	47	53	47	53	48	53	48	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0571	Residential	Ground	W	54	49	54	49	54	49	55	49	0.1	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0571	Residential	Ground	S	50	45	51	46	51	45	51	46	0.4	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0571	Residential	Ground	E	51	46	52	47	52	47	53	48	0.6	0.7	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0571	Residential	Ground	N	49	44	50	45	50	44	50	45	0.6	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0571	Residential	Ground	E	50	45	50	45	50	45	51	46	0.7	0.7	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0571	Residential	Ground	N	50	45	51	45	50	45	51	46	0.5	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0572	Residential	Ground	NW	55	50	55	50	55	50	56	50	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0572	Residential	Ground	NW	55	49	55	49	55	50	55	50	0.1	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0572	Residential	Ground	SW	52	47	52	47	52	47	53	48	0.4	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0572	Residential	Ground	SE	52	47	53	48	53	48	53	49	0.6	0.6	0.8	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0572	Residential	Ground	NE	50	45	51	45	51	45	51	46	0.4	0.5	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0573	Residential	Ground	NW	55	50	55	50	55	50	56	50	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0573	Residential	Ground	SW	51	46	52	47	52	47	53	48	0.5	0.6	0.8	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0573	Residential	Ground	SE	53	49	54	49	54	49	55	50	0.5	0.5	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0573	Residential	Ground	NE	50	45	50	45	50	45	51	46	0.6	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0573	Residential	Ground	NW	51	45	51	46	51	46	51	46	0.2	0.4	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0573	Residential	Ground	NE	51	46	51	46	51	46	52	47	0.2	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0574	Residential	Ground	W	54	49	54	49	55	49	55	50	0.1	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0574	Residential	Ground	S	49	44	49	44	49	44	50	45	0.6	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0574	Residential	Ground	E	52	47	52	47	52	47	53	48	0.6	0.7	0.9	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0574	Residential	Ground	N	50	44	50	45	50	45	51	46	0.6	0.6	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0575	Residential	Ground	NW	55	50	55	50	55	50	56	50	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0575	Residential	Ground	SW	54	49	54	49	54	49	55	50	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0575	Residential	Ground	SW	53	48	54	48	54	48	54	49	0.2	0.3	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0575	Residential	Ground	SW	52	47	52	47	52	47	53	48	0.4	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0575	Residential	Ground	SW	52	47	52	47	52	47	53	48	0.5	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0575	Residential	Ground	SW	54	49	54	50	54	49	55	50	0.3	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0575	Residential	Ground	SE	52	47	52	48	52	47	53	48	0.6	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0575	Residential	Ground	NE	49	44	50	45	50	45	51	46	0.7	0.7	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0575	Residential	Ground	NE	49	44	49	44	49	44	50	45	0.7	0.8	0.9	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0575	Residential	Ground	NE	50	45	50	45	50	45	51	46	0.6	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0575	Residential	Ground	NE	49	44	49	44	49	44	50	45	0.4	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0575	Residential	Ground	NE	51	45	51	46	51	46	52	46	0.3	0.4	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0576	Residential	Ground	N	49	44	50	45	50	45	51	46	0.7	0.8	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0576	Residential	Ground	E	49	44	50	45	50	45	51	46	0.7	0.8	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0576	Residential	Ground	NE	49	44	50	45	50	45	51	46	0.7	0.8	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0576	Residential	Ground	E	50	45	50	45	50	45	51	46	0.7	0.8	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0576	Residential	Ground	N	49	44	50	45	50	44	50	46	0.7	0.8	0.9	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0576	Residential	Ground	N	48	43	49	44	49	44	50	45	0.8	0.8	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0576	Residential	Ground	N	50	45	51	45	51	45	51	46	0.5	0.6	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0576	Residential	Ground	W	54	49	54	49	54	49	55	50	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0576	Residential	Ground	W	54	48	54	49	54	49	54	49	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0576	Residential	Ground	W	54	49	54	49	54	49	54	49	0.2	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0576	Residential	Ground	SW	52	46	52	47	52	47	53	48	0.5	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0576	Residential	Ground	E	52	47	52	48	52	47	53	48	0.6	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0581	Residential	Ground	W	54	49	55	49	55	49	55	50	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0581	Residential	Ground	S	58	53	58	53	59	54	59	54	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0581	Residential	Ground	W	58	53	58	53	59	54	59	54	0	0.1	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0581	Residential	Ground	S	58	53	58	53	58	53	59	54	0	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0581	Residential	Ground	E	54	48	54	49	54	49	55	50	0.4	0.5	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0581	Residential	Ground	N	56	51	56	51	57	51	57	51	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0583	Residential	Ground	W	56	51	57	51	57	51	57	52	0.1	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0583	Residential	Ground	S	56	50	56	51	56	51	56	51	0.1	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0583	Residential	Ground	E	53	47	53	48	53	48	53	48	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0583	Residential	Ground	N	57	51	57	51	57	52	57	52	-0.1	0.1	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0583	Residential	Ground	NW	57	52	57	52	58	52	58	52	-0.1	0	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0584	Residential	Ground	W	57	52	57	52	58	52	58	53	0	0.1	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0584	Residential	Ground	S	54	49	55	50	55	50	55	50	0.3	0.3	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0584	Residential	Ground	S	55	50	55	50	55	50	56	51	0.3	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0584	Residential	Ground	S	56	51	56	51	56	51	57	52	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0584	Residential	Ground	S	56	51	56	51	56	51	57	52	0.1	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0584	Residential	Ground	S	57	51	57	52	57	52	57	52	0.2	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0584	Residential	Ground	E	54	49	54	49	54	49	55	50	0.3	0.3	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0584	Residential	Ground	N	53	48	53	48	53	48	54	49	0.2	0.3	0.3	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0584	Residential	Ground	E	53	48	53	48	53	48	54	49	0.3	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0584	Residential	Ground	N	53	48	54	48	54	48	54	49	0.1	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0585	Residential	Ground	W	53	47	53	48	53	48	54	48	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0585	Residential	Ground	S	55	50	56	50	56	50	56	51	0.2	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0585	Residential	Ground	E	53	48	53	48	53	48	54	49	0.3	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0585	Residential	Ground	S	54	48	54	49	54	49	55	49	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0585	Residential	Ground	E	53	48	53	48	53	48	54	49	0.4	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0585	Residential	Ground	N	53	48	53	48	54	48	54	49	0.1	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0585	Residential	Ground	E	53	47	53	47	53	48	53	48	0.1	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0585	Residential	Ground	N	57	51	57	51	57	52	57	52	0	0	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0586	Residential	Ground	W	56	50	56	50	56	51	56	51	0.1	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0586	Residential	Ground	S	56	51	56	51	56	51	57	52	0.1	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0586	Residential	Ground	E	52	47	53	47	53	47	53	48	0.3	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0586	Residential	Ground	N	56	51	56	51	57	51	57	51	0	0	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0586	Residential	Ground	N	57	51	57	51	57	52	58	52	0	0.1	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0587	Residential	Ground	SW	58	53	58	53	58	53	59	53	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0587	Residential	Ground	NW	56	51	56	51	57	51	57	52	0	0	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0587	Residential	Ground	SW	56	51	56	51	57	51	57	52	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0587	Residential	Ground	SE	55	50	55	50	55	50	56	51	0.2	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0587	Residential	Ground	NE	48	43	49	44	49	44	50	45	0.6	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0587	Residential	Ground	NW	57	51	56	51	57	51	57	51	-0.1	-0.1	0	0	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0588	Residential	Ground	NW	56	51	56	51	57	51	57	52	0	0.1	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0588	Residential	Ground	SW	54	48	54	48	54	49	54	49	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0588	Residential	Ground	NW	52	47	52	47	52	47	53	47	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0588	Residential	Ground	SW	50	45	50	45	50	45	51	46	0.6	0.6	0.8	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0588	Residential	Ground	SE	56	51	56	51	56	51	57	52	0.2	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0588	Residential	Ground	NE	52	46	52	47	52	47	53	48	0.4	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0588	Residential	Ground	NW	52	47	53	47	53	47	53	48	0.2	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0588	Residential	Ground	NE	52	47	52	47	53	47	53	48	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0589	Residential	Ground	E	54	49	54	49	54	49	55	50	0.1	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0589	Residential	Ground	N	55	49	55	49	55	50	55	50	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0589	Residential	Ground	W	53	48	54	49	54	49	54	49	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0589	Residential	Ground	S	58	53	58	53	58	53	59	54	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0589	Residential	Ground	W	58	53	58	53	58	53	58	53	0	0.1	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0589	Residential	Ground	S	58	53	58	53	58	53	59	54	0.1	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0590	Residential	Ground	E	55	50	55	50	55	50	56	51	0.2	0.2	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0590	Residential	Ground	N	54	48	54	49	54	49	55	49	0.2	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0590	Residential	Ground	W	55	50	55	50	56	50	56	51	0.1	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0590	Residential	Ground	S	58	52	58	53	58	53	58	53	0.1	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0591	Residential	Ground	W	57	52	57	52	57	52	58	53	0.1	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0591	Residential	Ground	SW	58	53	58	53	58	53	59	54	0.2	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0591	Residential	Ground	SW	58	53	58	53	58	53	59	54	0.1	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0591	Residential	Ground	S	58	53	58	53	58	53	59	54	0.1	0.1	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0591	Residential	Ground	W	58	53	58	53	58	53	58	53	0	0.1	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0591	Residential	Ground	S	58	53	58	53	58	53	59	53	0.2	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0591	Residential	Ground	E	53	48	54	49	54	49	54	49	0.2	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0591	Residential	Ground	NE	55	50	55	50	55	50	56	51	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0591	Residential	Ground	NW	55	49	55	50	55	50	56	50	0	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0591	Residential	Ground	N	55	49	55	49	55	50	55	50	0.1	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0592	Residential	Ground	E	53	48	53	48	53	48	54	49	0.1	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0592	Residential	Ground	N	54	48	54	49	54	49	55	49	0.1	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0592	Residential	Ground	N	52	47	53	47	53	48	53	48	0.2	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0592	Residential	Ground	N	53	48	53	48	54	48	54	49	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0592	Residential	Ground	N	53	48	53	48	53	48	54	49	0.2	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0592	Residential	Ground	N	53	48	53	48	54	48	54	49	0.2	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0592	Residential	Ground	W	54	48	54	49	54	49	54	49	0.2	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0592	Residential	Ground	N	53	48	53	48	53	48	54	49	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0592	Residential	Ground	W	56	51	56	51	56	51	57	52	0.2	0.2	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0592	Residential	Ground	S	58	53	58	53	58	53	59	54	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0593	Residential	Ground	W	54	49	55	50	55	50	55	50	0.2	0.2	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0593	Residential	Ground	S	58	53	58	53	59	53	59	54	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0593	Residential	Ground	S	56	51	56	51	56	51	57	52	0.2	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0593	Residential	Ground	S	57	52	57	52	57	52	58	53	0.2	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0593	Residential	Ground	E	54	49	55	50	55	50	55	51	0.3	0.4	0.6	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0593	Residential	Ground	N	53	47	53	48	53	48	54	49	0.3	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0593	Residential	Ground	NE	53	48	53	48	53	48	54	49	0.2	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0593	Residential	Ground	NE	53	48	53	48	54	48	54	49	0.2	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0593	Residential	Ground	N	52	47	52	47	52	47	53	48	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0593	Residential	Ground	N	52	47	53	48	53	48	53	48	0.3	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0594	Residential	Ground	W	56	51	56	51	56	51	57	52	0.1	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0594	Residential	Ground	S	52	47	52	47	53	47	53	48	0.3	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0594	Residential	Ground	E	53	48	54	49	54	49	54	49	0.4	0.4	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0594	Residential	Ground	E	52	47	53	48	52	47	53	48	0.5	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0594	Residential	Ground	E	53	48	54	49	54	49	55	50	0.4	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0594	Residential	Ground	N	54	49	55	49	55	49	55	50	0.2	0.3	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0595	Residential	Ground	N	54	49	54	49	54	49	55	50	0.2	0.3	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0595	Residential	Ground	W	57	52	57	52	57	52	58	52	0	0.1	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0595	Residential	Ground	S	57	52	57	52	57	52	58	53	0.1	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0595	Residential	Ground	S	57	52	57	52	57	52	58	52	0.2	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0595	Residential	Ground	SW	56	50	56	51	56	51	57	51	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0595	Residential	Ground	E	54	49	54	49	54	49	55	50	0.4	0.4	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0595	Residential	Ground	E	53	48	54	49	54	49	55	50	0.4	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0595	Residential	Ground	E	54	49	54	49	54	49	55	50	0.3	0.4	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0595	Residential	Ground	E	53	48	54	49	53	48	54	49	0.4	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0596	Residential	Ground	W	56	51	56	51	56	51	57	52	0	0.1	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0596	Residential	Ground	S	53	48	53	48	53	48	54	49	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0596	Residential	Ground	E	54	49	54	49	54	49	55	50	0.4	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0596	Residential	Ground	E	53	48	54	49	54	49	55	50	0.4	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0596	Residential	Ground	N	52	47	52	47	52	47	53	48	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0597	Residential	Ground	SW	53	47	53	48	53	48	54	49	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0597	Residential	Ground	SE	56	51	56	51	56	51	57	52	0.3	0.3	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0597	Residential	Ground	NE	52	47	52	47	52	47	53	48	0.5	0.6	0.7	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0597	Residential	Ground	NE	51	46	52	46	51	46	52	47	0.5	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0597	Residential	Ground	NE	52	47	52	47	52	47	53	48	0.5	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0597	Residential	Ground	SE	53	48	53	48	53	48	54	49	0.5	0.6	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0597	Residential	Ground	NE	52	47	52	47	52	47	53	48	0.4	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0597	Residential	Ground	NW	56	51	56	51	57	51	57	52	0	0	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0597	Residential	Ground	NW	57	51	57	51	57	52	57	52	0	0	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0597	Residential	Ground	NW	57	51	57	51	57	52	58	52	-0.1	0	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0598	Residential	Ground	W	56	51	56	51	57	51	57	52	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0598	Residential	Ground	W	56	50	56	50	56	51	56	51	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0598	Residential	Ground	W	55	50	56	50	56	50	56	51	0.1	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0598	Residential	Ground	S	54	49	54	49	54	49	55	50	0.2	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0598	Residential	Ground	W	54	48	54	49	54	49	55	49	0.2	0.3	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0598	Residential	Ground	S	53	48	53	48	53	48	54	49	0.3	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0598	Residential	Ground	E	53	48	54	49	54	49	55	50	0.5	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0598	Residential	Ground	E	54	49	54	49	54	49	55	50	0.4	0.5	0.8	1	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0598	Residential	Ground	N	53	48	53	48	53	48	54	49	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0599	Residential	Ground	NW	55	49	55	50	55	50	55	50	0.1	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0599	Residential	Ground	S	52	47	52	47	52	47	53	48	0.3	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0599	Residential	Ground	E	53	49	54	49	54	49	55	50	0.5	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0599	Residential	Ground	E	53	48	53	49	53	48	54	49	0.5	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0599	Residential	Ground	N	52	46	52	47	52	47	53	48	0.4	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0600	Residential	Ground	W	56	50	56	51	56	51	57	51	0.1	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0600	Residential	Ground	S	54	49	54	49	54	49	55	50	0.3	0.3	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0600	Residential	Ground	E	53	48	54	49	53	48	54	49	0.5	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0600	Residential	Ground	N	51	46	51	46	51	46	52	47	0.5	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0600	Residential	Ground	E	52	47	52	47	52	47	53	48	0.6	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0600	Residential	Ground	N	53	48	53	48	53	48	54	49	0.3	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0600	Residential	Ground	W	53	48	53	48	53	48	54	49	0.2	0.3	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0600	Residential	Ground	N	53	48	54	48	54	48	54	49	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0601	Residential	Ground	SW	53	48	54	49	54	49	54	49	0.3	0.3	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0601	Residential	Ground	SE	55	50	55	50	55	50	56	51	0.3	0.3	0.6	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0601	Residential	Ground	NE	51	46	52	47	52	47	53	48	0.4	0.6	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0601	Residential	Ground	NW	56	51	56	51	57	51	57	51	0	0	0.1	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0602	Residential	Ground	NW	56	50	56	50	56	51	56	51	0	0	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0602	Residential	Ground	SW	56	51	56	51	57	51	57	51	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0602	Residential	Ground	NW	56	51	56	51	57	51	57	51	0	0.1	0.2	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0602	Residential	Ground	SW	55	50	55	50	55	50	56	50	0	0.1	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0602	Residential	Ground	NW	55	49	55	49	55	50	55	50	0.1	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0602	Residential	Ground	SW	56	51	56	51	56	51	56	52	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0602	Residential	Ground	SE	55	50	55	50	55	50	56	51	0.2	0.3	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0602	Residential	Ground	NE	51	46	52	46	52	46	52	47	0.4	0.5	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0603	Residential	Ground	SW	52	47	53	48	53	48	54	49	0.4	0.4	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0603	Residential	Ground	SE	54	49	54	49	55	49	55	50	0.3	0.3	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0603	Residential	Ground	NE	51	46	52	46	51	46	52	47	0.6	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0603	Residential	Ground	SE	53	48	53	48	53	48	54	49	0.5	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0603	Residential	Ground	NE	51	46	52	47	52	46	52	47	0.6	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0603	Residential	Ground	NW	55	50	55	50	56	50	56	51	0	0.1	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0603	Residential	Ground	NE	52	47	53	47	53	47	53	48	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0603	Residential	Ground	NW	56	51	56	51	57	51	57	51	0	0.1	0.1	0.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0604	Residential	Ground	W	55	50	55	50	55	50	56	50	0.1	0.1	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0604	Residential	Ground	S	54	49	54	49	54	49	55	50	0.4	0.5	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0604	Residential	Ground	E	53	48	54	49	54	49	55	50	0.5	0.5	0.8	1	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04B	NCA04B.RES.0604	Residential	Ground	E	53	48	53	48	53	48	54	49	0.6	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0604	Residential	Ground	E	53	49	54	49	54	49	55	50	0.5	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0604	Residential	Ground	E	51	46	51	46	51	46	52	47	0.7	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0604	Residential	Ground	E	52	47	53	48	53	48	54	49	0.6	0.7	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0604	Residential	Ground	N	52	47	53	47	53	48	53	48	0.3	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0605	Residential	Ground	NE	52	47	53	47	53	47	53	48	0.3	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0605	Residential	Ground	W	56	50	56	50	56	51	56	51	0.1	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0605	Residential	Ground	S	52	47	53	47	53	47	53	48	0.3	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0605	Residential	Ground	SE	52	47	53	48	53	47	53	49	0.6	0.7	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0605	Residential	Ground	E	53	48	53	48	53	48	54	49	0.5	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0605	Residential	Ground	E	52	47	53	48	52	47	53	49	0.6	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0606	Residential	Ground	W	56	51	56	51	56	51	56	51	0.1	0.1	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0606	Residential	Ground	W	55	49	55	50	55	50	55	50	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0606	Residential	Ground	S	53	48	54	48	54	49	54	49	0.3	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0606	Residential	Ground	E	52	47	53	48	52	47	53	48	0.7	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0606	Residential	Ground	E	52	47	52	47	52	47	53	48	0.7	0.7	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0606	Residential	Ground	E	52	47	53	48	53	48	54	49	0.6	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0606	Residential	Ground	E	52	47	53	48	52	47	53	49	0.6	0.7	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0606	Residential	Ground	E	52	47	53	48	52	47	53	49	0.6	0.7	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0606	Residential	Ground	N	53	48	53	48	53	48	54	49	0.2	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0613	Residential	Ground	W	58	53	58	53	58	53	58	53	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0613	Residential	Ground	S	58	53	58	53	58	53	59	54	0.2	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0613	Residential	Ground	S	58	53	58	53	58	53	59	53	0.1	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0613	Residential	Ground	S	57	52	58	52	58	53	58	53	0.1	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0613	Residential	Ground	S	55	50	55	50	55	50	56	51	0.2	0.3	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0613	Residential	Ground	S	56	51	56	51	57	51	57	52	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0613	Residential	Ground	E	53	48	53	48	53	48	54	49	0.4	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0613	Residential	Ground	N	53	48	54	48	54	48	54	49	0.3	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0613	Residential	Ground	N	54	48	54	48	54	49	54	49	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0613	Residential	Ground	N	55	49	55	50	55	50	56	50	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0614	Residential	Ground	W	54	49	54	49	54	49	55	50	0.3	0.3	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0614	Residential	Ground	S	56	51	57	51	57	52	57	52	0.3	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0614	Residential	Ground	E	52	47	53	48	53	48	53	48	0.3	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0614	Residential	Ground	N	53	48	54	49	54	49	54	49	0.3	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0615	Residential	Ground	W	57	52	57	52	58	52	58	53	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0615	Residential	Ground	S	54	48	54	49	54	49	54	49	0.2	0.3	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0615	Residential	Ground	E	52	47	53	48	53	48	54	49	0.5	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0615	Residential	Ground	N	52	47	52	47	52	47	53	48	0.4	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04B	NCA04B.RES.0615	Residential	Ground	E	53	48	53	48	53	48	54	49	0.5	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0615	Residential	Ground	N	55	49	55	49	55	50	55	50	0.2	0.3	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0616	Residential	Ground	W	56	51	56	51	56	51	57	52	0.3	0.2	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0616	Residential	Ground	S	58	53	58	53	58	53	59	54	0.3	0.3	0.7	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0616	Residential	Ground	E	55	50	55	51	55	50	56	51	0.6	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0616	Residential	Ground	E	54	49	55	50	55	50	56	51	0.6	0.7	0.9	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0616	Residential	Ground	S	55	50	56	51	55	51	56	52	0.6	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0616	Residential	Ground	E	55	50	56	51	55	50	56	52	0.6	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0616	Residential	Ground	E	55	50	55	50	55	50	56	51	0.6	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0616	Residential	Ground	N	53	48	54	48	54	48	54	49	0.3	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0617	Residential	Ground	W	55	50	55	50	55	50	56	50	0.2	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0617	Residential	Ground	N	54	49	54	49	55	49	55	50	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0617	Residential	Ground	W	56	51	56	51	56	51	57	52	0.3	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0617	Residential	Ground	S	53	48	54	49	54	49	54	49	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0617	Residential	Ground	E	55	50	55	50	55	50	56	51	0.6	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0617	Residential	Ground	NE	52	47	53	48	53	48	53	49	0.6	0.7	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0617	Residential	Ground	E	53	48	54	49	54	49	55	50	0.7	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0617	Residential	Ground	N	54	48	54	49	54	49	55	50	0.3	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0618	Residential	Ground	W	57	52	57	52	57	52	58	53	0.1	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0618	Residential	Ground	NW	57	52	57	52	57	52	58	53	0	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0618	Residential	Ground	W	57	51	57	52	57	52	57	52	0.1	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0618	Residential	Ground	W	57	52	57	52	57	52	58	52	0.1	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0618	Residential	Ground	S	55	50	56	50	56	50	56	51	0.3	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0618	Residential	Ground	E	53	48	54	49	53	48	54	49	0.6	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0618	Residential	Ground	N	54	48	54	49	54	49	55	49	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0619	Residential	Ground	W	56	51	56	51	56	51	57	52	0.2	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0619	Residential	Ground	S	55	50	55	50	55	50	56	51	0.3	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0619	Residential	Ground	E	53	48	54	49	54	49	55	50	0.6	0.7	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0619	Residential	Ground	E	53	48	54	49	53	48	54	50	0.7	0.6	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0619	Residential	Ground	E	54	49	54	49	54	49	55	50	0.7	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0619	Residential	Ground	E	53	48	54	49	54	49	55	50	0.7	0.8	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0619	Residential	Ground	N	53	48	53	48	54	48	54	49	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0620	Residential	Ground	W	54	49	55	50	55	50	55	50	0.3	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0620	Residential	Ground	S	56	51	56	51	56	51	57	52	0.3	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0620	Residential	Ground	E	53	48	54	49	54	49	55	50	0.6	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0620	Residential	Ground	N	51	46	52	47	52	47	52	47	0.4	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0620A	Residential	Ground	W	57	52	57	52	57	52	58	53	0.2	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04B	NCA04B.RES.0620A	Residential	Ground	SW	54	49	55	50	55	50	55	50	0.3	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0620A	Residential	Ground	E	53	48	54	49	53	48	54	49	0.5	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0620A	Residential	Ground	E	52	47	53	48	53	48	54	49	0.6	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0620A	Residential	Ground	N	53	47	53	48	53	48	54	48	0.3	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0621	Residential	Ground	W	56	51	57	51	57	52	57	52	0.1	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0621	Residential	Ground	S	56	51	56	51	56	51	57	52	0.2	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0621	Residential	Ground	W	56	51	56	51	56	51	57	52	0.2	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0621	Residential	Ground	S	55	49	55	50	55	50	56	51	0.4	0.5	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0621	Residential	Ground	E	54	49	54	49	54	49	55	50	0.6	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0621	Residential	Ground	S	54	49	55	50	55	50	55	51	0.5	0.6	0.8	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0621	Residential	Ground	E	54	49	54	50	54	49	55	50	0.6	0.7	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0621	Residential	Ground	SE	53	48	54	49	53	48	54	50	0.8	0.8	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0621	Residential	Ground	N	52	47	53	48	53	48	53	48	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0622	Residential	Ground	W	56	51	56	51	56	51	57	52	0.1	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0622	Residential	Ground	W	55	50	55	50	55	50	56	50	0	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0622	Residential	Ground	W	57	52	57	52	57	52	57	52	0.1	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0622	Residential	Ground	W	57	52	57	52	57	52	57	52	0.1	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0622	Residential	Ground	S	54	48	54	48	54	49	54	49	0.2	0.3	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0622	Residential	Ground	E	53	48	53	48	53	48	54	49	0.6	0.6	0.8	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0622	Residential	Ground	N	53	47	53	48	53	48	54	49	0.3	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0623	Residential	Ground	W	56	50	56	51	56	51	56	51	0.2	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0623	Residential	Ground	S	51	46	52	47	52	47	52	47	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0623	Residential	Ground	E	53	48	54	49	53	48	54	50	0.7	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0623	Residential	Ground	N	52	47	53	48	53	48	53	48	0.4	0.5	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0623	Residential	Ground	W	53	48	53	48	54	48	54	49	0.2	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0623	Residential	Ground	N	53	48	53	48	53	48	54	49	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0624	Residential	Ground	W	57	52	57	52	57	52	57	52	0.1	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0624	Residential	Ground	S	52	47	53	48	53	48	53	48	0.4	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0624	Residential	Ground	E	53	48	53	48	53	48	54	49	0.6	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0624	Residential	Ground	N	53	47	53	48	53	48	53	48	0.3	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0625	Residential	Ground	N	51	46	51	46	51	46	52	47	0.5	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0625	Residential	Ground	E	52	47	52	47	52	47	53	48	0.6	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0625	Residential	Ground	N	53	47	53	48	53	48	54	49	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0625	Residential	Ground	W	56	50	56	51	56	51	56	51	0.2	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0625	Residential	Ground	S	53	47	53	48	53	48	54	49	0.4	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0625	Residential	Ground	E	53	48	54	49	54	49	55	50	0.7	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0626	Residential	Ground	W	56	51	56	51	56	51	57	52	0.2	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0626	Residential	Ground	S	53	48	53	48	53	48	54	49	0.3	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0626	Residential	Ground	E	52	47	53	48	53	48	53	49	0.6	0.7	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0626	Residential	Ground	E	52	47	53	48	53	48	53	49	0.7	0.7	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0626	Residential	Ground	E	53	48	53	48	53	48	54	49	0.6	0.7	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0626	Residential	Ground	N	52	47	53	47	53	47	53	48	0.4	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0627	Residential	Ground	NW	53	48	54	48	54	48	54	49	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0627	Residential	Ground	N	53	48	53	48	53	48	54	49	0.2	0.2	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0627	Residential	Ground	W	55	50	56	50	56	51	56	51	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0627	Residential	Ground	S	53	48	53	48	53	48	54	49	0.5	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0627	Residential	Ground	E	53	48	54	49	53	48	54	50	0.7	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0627	Residential	Ground	E	51	46	52	47	51	46	52	47	0.7	0.7	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0627	Residential	Ground	E	52	47	53	48	52	48	54	49	0.8	0.8	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0627	Residential	Ground	N	52	47	52	47	52	47	53	48	0.4	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0628	Residential	Ground	W	54	49	55	49	55	49	55	50	0.2	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0628	Residential	Ground	W	54	48	54	48	54	49	54	49	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0628	Residential	Ground	NW	54	48	54	49	54	49	55	49	0.2	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0628	Residential	Ground	N	53	48	53	48	54	48	54	49	0.1	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0628	Residential	Ground	W	56	51	56	51	57	51	57	52	0.1	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0628	Residential	Ground	S	53	48	53	48	54	48	54	49	0.4	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0628	Residential	Ground	E	53	48	53	48	53	48	54	49	0.6	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0628	Residential	Ground	N	52	47	53	48	53	48	53	48	0.3	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0629	Residential	Ground	N	51	46	51	46	51	46	52	47	0.7	0.7	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0629	Residential	Ground	E	51	46	52	47	52	47	53	48	0.7	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0629	Residential	Ground	N	52	46	52	47	52	47	53	48	0.5	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0629	Residential	Ground	N	50	45	51	46	50	45	51	47	0.6	0.7	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0629	Residential	Ground	N	53	48	53	48	53	48	54	49	0.4	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0629	Residential	Ground	S	53	48	53	48	53	48	54	49	0.5	0.5	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0629	Residential	Ground	E	53	48	54	49	53	48	54	49	0.7	0.7	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0630	Residential	Ground	W	56	51	56	51	56	51	57	52	0.2	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0630	Residential	Ground	W	56	51	56	51	56	51	57	52	0.2	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0630	Residential	Ground	W	56	51	56	51	56	51	57	52	0.2	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0630	Residential	Ground	W	56	50	56	51	56	51	56	51	0.2	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0630	Residential	Ground	W	56	50	56	51	56	51	56	51	0.1	0.3	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0630	Residential	Ground	S	53	48	54	48	54	48	54	49	0.3	0.3	0.4	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0630	Residential	Ground	E	52	47	53	48	52	47	53	48	0.7	0.7	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0630	Residential	Ground	N	52	46	52	47	52	47	53	48	0.4	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0631	Residential	Ground	W	55	50	55	50	55	50	56	51	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0631	Residential	Ground	S	55	49	55	50	55	50	55	50	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0631	Residential	Ground	W	54	49	54	49	55	49	55	50	0.2	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0631	Residential	Ground	S	53	48	54	49	54	48	54	49	0.6	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0631	Residential	Ground	E	52	48	53	48	53	48	54	49	0.7	0.8	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0631	Residential	Ground	N	51	46	52	47	52	47	53	47	0.5	0.5	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0632	Residential	Ground	W	54	49	54	49	55	49	55	50	0.3	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0632	Residential	Ground	S	52	47	52	47	52	47	53	48	0.4	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0632	Residential	Ground	E	52	47	53	48	52	47	53	49	0.8	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0632	Residential	Ground	N	51	46	52	47	52	46	52	47	0.5	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0633	Residential	Ground	S	51	46	51	46	51	46	52	47	0.4	0.5	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0633	Residential	Ground	E	52	47	53	48	52	47	53	48	0.7	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0633	Residential	Ground	N	52	46	52	47	52	47	53	47	0.4	0.5	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0633	Residential	Ground	W	54	48	54	48	54	49	54	49	0.1	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0633	Residential	Ground	W	53	48	53	48	54	48	54	49	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0633	Residential	Ground	W	56	50	56	51	56	51	56	51	0.1	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0634	Residential	Ground	W	55	49	55	50	55	50	55	50	0	0.1	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0634	Residential	Ground	W	54	48	54	49	54	49	55	49	0	0.2	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0634	Residential	Ground	W	54	48	54	48	54	49	54	49	0.2	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0634	Residential	Ground	N	53	48	54	48	54	48	54	49	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0634	Residential	Ground	W	55	50	56	51	56	51	56	51	0.1	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0634	Residential	Ground	S	51	45	51	46	51	46	52	47	0.4	0.5	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0634	Residential	Ground	N	53	47	53	47	53	48	53	48	0.2	0.3	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0635	Residential	Ground	W	54	49	54	49	55	49	55	50	0.2	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0635	Residential	Ground	S	52	47	53	48	53	48	54	49	0.6	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0635	Residential	Ground	E	52	48	53	48	53	48	54	49	0.7	0.7	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0635	Residential	Ground	E	50	45	51	46	51	46	52	47	0.7	0.8	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0635	Residential	Ground	E	51	46	52	47	52	47	53	48	0.8	0.8	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0635	Residential	Ground	N	50	45	51	46	51	46	51	47	0.7	0.7	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0635	Residential	Ground	E	50	45	51	46	51	46	52	47	0.7	0.7	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0635	Residential	Ground	N	52	47	53	48	53	48	53	48	0.4	0.5	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0636	Residential	Ground	W	56	51	56	51	56	51	57	52	0.2	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0636	Residential	Ground	S	56	50	56	51	56	51	57	51	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0636	Residential	Ground	W	56	50	56	51	56	51	56	51	0.1	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0636	Residential	Ground	S	53	48	54	48	54	48	54	49	0.2	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0636	Residential	Ground	S	51	46	51	46	51	46	52	47	0.6	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0636	Residential	Ground	S	51	46	51	46	51	46	52	47	0.4	0.5	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0636	Residential	Ground	E	51	46	52	47	51	46	52	48	0.6	0.7	0.9	1.1	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0636	Residential	Ground	N	50	45	50	45	50	45	51	46	0.5	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0636	Residential	Ground	N	49	44	50	45	50	45	50	46	0.6	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0636	Residential	Ground	N	52	47	53	47	53	47	53	48	0.3	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0636	Residential	Ground	N	52	46	52	47	52	47	53	47	0.2	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0636	Residential	Ground	N	53	48	53	48	54	48	54	49	0.1	0.3	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0637	Residential	Ground	N	51	46	52	47	52	47	52	47	0.5	0.5	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0637	Residential	Ground	W	54	49	54	49	55	49	55	50	0.3	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0637	Residential	Ground	S	53	47	53	48	53	48	54	49	0.5	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0637	Residential	Ground	E	52	47	53	48	52	47	53	49	0.7	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0638	Residential	Ground	W	54	49	54	49	54	49	55	50	0.3	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0638	Residential	Ground	S	52	47	53	47	53	47	53	48	0.4	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0638	Residential	Ground	E	52	47	52	48	52	47	53	48	0.7	0.7	1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0638	Residential	Ground	E	50	45	51	46	51	46	52	47	0.8	0.8	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0638	Residential	Ground	E	51	46	52	47	51	46	52	48	0.8	0.8	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0638	Residential	Ground	N	50	45	50	45	50	45	51	46	0.7	0.7	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0638	Residential	Ground	E	50	45	51	46	51	46	52	47	0.7	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0638	Residential	Ground	N	51	46	51	46	51	46	52	47	0.5	0.6	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0639	Residential	Ground	W	55	50	55	50	55	50	56	51	0	0.1	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0639	Residential	Ground	S	53	48	53	48	53	48	54	49	0.3	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0639	Residential	Ground	E	51	46	52	47	52	47	52	48	0.6	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0639	Residential	Ground	N	50	45	50	45	50	45	51	46	0.6	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0639	Residential	Ground	E	50	45	51	46	51	45	51	47	0.6	0.6	0.8	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0639	Residential	Ground	N	52	46	52	47	52	47	53	48	0.4	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0640	Residential	Ground	W	54	49	55	49	55	49	55	50	0.3	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0640	Residential	Ground	W	53	47	53	47	53	48	53	48	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0640	Residential	Ground	W	55	50	55	50	56	50	56	51	0.2	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0640	Residential	Ground	S	53	47	53	48	53	48	54	48	0.3	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0640	Residential	Ground	E	51	46	51	47	51	46	52	47	0.5	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0640	Residential	Ground	N	49	44	50	45	50	45	51	46	0.5	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0640	Residential	Ground	N	49	44	49	44	49	44	50	45	0.6	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0640	Residential	Ground	N	49	44	50	45	50	45	51	46	0.5	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0640	Residential	Ground	E	49	44	50	45	50	45	51	46	0.6	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0640	Residential	Ground	N	52	46	52	47	52	47	53	47	0.3	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0641	Residential	Ground	N	51	45	51	46	51	46	52	47	0.5	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0641	Residential	Ground	N	51	46	52	46	52	46	52	47	0.3	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0641	Residential	Ground	W	54	49	54	49	54	49	55	50	0.3	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0641	Residential	Ground	S	51	46	52	46	52	46	52	47	0.4	0.5	0.6	0.8	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04B	NCA04B.RES.0641	Residential	Ground	E	52	47	52	47	52	47	53	48	0.7	0.7	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0641	Residential	Ground	E	50	45	50	46	50	45	51	46	0.7	0.8	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0641	Residential	Ground	E	50	45	51	46	51	46	52	47	0.8	0.8	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0642	Residential	Ground	W	54	49	54	49	55	49	55	50	0.2	0.3	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0642	Residential	Ground	W	53	47	53	47	53	48	53	48	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0642	Residential	Ground	W	55	50	55	50	55	50	55	50	0.2	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0642	Residential	Ground	S	52	47	52	47	52	47	53	48	0.4	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0642	Residential	Ground	E	51	46	51	47	51	46	52	47	0.6	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0642	Residential	Ground	N	49	44	50	45	50	45	51	46	0.6	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0642	Residential	Ground	E	50	45	51	46	50	45	51	46	0.7	0.7	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0642	Residential	Ground	N	51	45	51	46	51	46	52	47	0.4	0.5	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0643	Residential	Ground	W	54	49	54	49	54	49	55	50	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0643	Residential	Ground	S	53	48	54	48	54	48	54	49	0.3	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0643	Residential	Ground	W	53	47	53	48	53	48	54	48	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0643	Residential	Ground	S	51	46	52	47	52	47	52	47	0.4	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0643	Residential	Ground	E	51	46	52	47	52	47	53	48	0.8	0.8	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0643	Residential	Ground	E	51	46	52	47	51	46	52	48	0.7	0.7	1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0643	Residential	Ground	E	51	46	52	47	52	47	53	48	0.8	0.8	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0643	Residential	Ground	E	51	46	51	46	51	46	52	47	0.8	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0643	Residential	Ground	N	50	45	51	45	50	45	51	46	0.5	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0644	Residential	Ground	N	49	44	50	45	50	45	51	46	0.6	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0644	Residential	Ground	E	50	45	51	46	50	45	51	47	0.7	0.7	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0644	Residential	Ground	E	49	44	50	45	50	45	51	46	0.7	0.8	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0644	Residential	Ground	E	50	45	51	46	51	46	52	47	0.8	0.8	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0644	Residential	Ground	N	50	45	51	46	51	46	52	46	0.4	0.5	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0644	Residential	Ground	W	51	46	52	46	52	46	52	47	0.3	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0644	Residential	Ground	N	51	46	51	46	52	46	52	47	0.3	0.3	0.4	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0644	Residential	Ground	W	54	49	54	49	55	49	55	50	0.2	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0644	Residential	Ground	S	49	44	50	45	50	45	50	45	0.5	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0644	Residential	Ground	E	51	46	52	47	52	47	53	48	0.7	0.8	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0645	Residential	Ground	N	50	45	50	45	50	45	51	46	0.6	0.6	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0645	Residential	Ground	W	52	47	53	47	53	48	53	48	0.2	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0645	Residential	Ground	W	52	46	52	47	52	47	52	47	0.2	0.3	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0645	Residential	Ground	W	53	47	53	48	53	48	54	48	0.3	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0645	Residential	Ground	S	49	44	49	44	49	44	50	45	0.5	0.6	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0645	Residential	Ground	E	51	46	52	47	51	46	52	48	0.8	0.8	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0646	Residential	Ground	W	54	49	54	49	54	49	55	50	0.1	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0646	Residential	Ground	W	53	47	53	47	53	48	53	48	0.1	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0646	Residential	Ground	W	54	49	54	49	55	49	55	50	0.2	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0646	Residential	Ground	W	54	49	54	49	55	49	55	50	0.2	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0646	Residential	Ground	S	51	45	51	46	51	46	52	47	0.4	0.5	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0646	Residential	Ground	E	51	46	52	47	51	46	52	47	0.7	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0646	Residential	Ground	N	50	45	51	45	51	45	51	46	0.4	0.4	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0647	Residential	Ground	W	54	49	54	49	54	49	55	50	0.1	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0647	Residential	Ground	S	54	49	54	49	54	49	55	50	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0647	Residential	Ground	W	54	49	54	49	54	49	55	50	0.2	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0647	Residential	Ground	S	53	47	53	48	53	48	54	49	0.3	0.4	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0647	Residential	Ground	S	51	46	52	47	51	46	52	47	0.6	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0647	Residential	Ground	S	52	47	52	47	52	47	53	48	0.4	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0647	Residential	Ground	E	51	46	52	47	51	46	52	47	0.7	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0647	Residential	Ground	N	50	45	50	45	50	45	51	46	0.4	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0648	Residential	Ground	W	52	47	52	47	52	47	53	48	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0648	Residential	Ground	S	52	47	52	47	52	47	53	48	0.3	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0648	Residential	Ground	S	50	44	50	45	50	45	51	46	0.5	0.6	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0648	Residential	Ground	E	51	46	52	47	51	46	52	47	0.8	0.8	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0648	Residential	Ground	E	51	46	52	47	51	46	52	47	0.8	0.8	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0648	Residential	Ground	E	50	46	51	46	51	46	52	47	0.8	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0648	Residential	Ground	E	51	46	52	47	51	47	52	48	0.7	0.8	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0648	Residential	Ground	E	49	44	50	45	50	45	51	46	0.8	0.8	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0648	Residential	Ground	E	50	45	51	46	50	46	52	47	0.9	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0648	Residential	Ground	N	50	45	51	45	51	45	51	46	0.5	0.6	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0649	Residential	Ground	W	54	49	54	49	54	49	55	50	0.2	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0649	Residential	Ground	S	53	48	53	48	53	48	54	49	0.5	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0649	Residential	Ground	E	51	46	52	47	51	47	52	48	0.7	0.7	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0649	Residential	Ground	N	49	44	50	45	49	44	50	45	0.7	0.8	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0649	Residential	Ground	N	48	43	49	44	49	44	50	45	0.8	0.8	0.9	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0649	Residential	Ground	N	49	44	50	45	50	45	51	46	0.6	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0649	Residential	Ground	W	51	46	51	46	51	46	52	47	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0649	Residential	Ground	N	50	45	51	45	51	45	51	46	0.4	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0650	Residential	Ground	N	50	45	50	45	50	45	51	46	0.6	0.6	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0650	Residential	Ground	W	54	49	54	49	54	49	55	50	0.3	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0650	Residential	Ground	W	53	47	53	47	53	48	53	48	0	0	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0650	Residential	Ground	W	54	49	54	49	54	49	55	50	0.2	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0650	Residential	Ground	W	54	49	54	49	54	49	55	50	0.2	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0650	Residential	Ground	S	51	46	51	46	51	46	52	47	0.5	0.6	0.8	0.9	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0650	Residential	Ground	E	51	46	52	47	51	46	52	48	0.7	0.7	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0650	Residential	Ground	E	50	46	51	46	51	46	52	47	0.8	0.8	1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0651	Residential	Ground	W	54	49	54	49	54	49	55	50	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0651	Residential	Ground	S	51	46	52	46	52	46	52	47	0.4	0.5	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0651	Residential	Ground	E	51	46	52	47	51	47	52	48	0.8	0.8	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0651	Residential	Ground	E	49	44	50	45	49	44	50	46	0.8	0.8	1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0651	Residential	Ground	E	50	45	51	46	50	45	51	47	0.8	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0652	Residential	Ground	E	51	46	51	47	51	46	52	47	0.9	0.9	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0652	Residential	Ground	E	50	45	51	46	51	46	52	47	0.9	0.9	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0652	Residential	Ground	E	51	46	52	47	51	46	52	47	0.8	0.8	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0652	Residential	Ground	N	51	45	51	46	51	46	52	46	0.4	0.4	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0652	Residential	Ground	W	52	47	53	47	53	48	53	48	0.2	0.1	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0652	Residential	Ground	N	53	47	53	47	53	48	53	48	0	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0652	Residential	Ground	W	53	48	54	49	54	49	54	49	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0652	Residential	Ground	S	52	47	52	47	52	47	53	48	0.3	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0652	Residential	Ground	W	52	46	52	47	52	47	53	47	0.4	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0652	Residential	Ground	S	51	46	52	47	51	46	52	47	0.6	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0653	Residential	Ground	W	53	48	53	48	53	48	54	49	0.4	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0653	Residential	Ground	S	54	48	54	49	54	49	55	50	0.4	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0653	Residential	Ground	E	51	46	52	47	51	46	52	48	0.9	0.8	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0653	Residential	Ground	N	49	44	50	45	50	45	51	46	0.6	0.7	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0654	Residential	Ground	N	50	45	50	45	50	45	51	46	0.7	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0654	Residential	Ground	N	49	44	49	44	49	44	50	45	0.5	0.5	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0654	Residential	Ground	N	50	44	50	45	50	45	51	46	0.4	0.5	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0654	Residential	Ground	W	53	48	54	49	53	48	54	49	0.4	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0654	Residential	Ground	S	54	49	54	49	54	49	55	50	0.6	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0654	Residential	Ground	E	50	45	51	46	50	46	51	47	0.6	0.5	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0655	Residential	Ground	N	49	44	50	45	50	45	51	46	0.6	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0655	Residential	Ground	NW	51	46	52	46	52	46	52	47	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0655	Residential	Ground	N	51	45	51	46	51	46	51	46	0.3	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0655	Residential	Ground	W	55	50	55	50	55	50	55	51	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0655	Residential	Ground	S	50	45	51	46	51	46	52	47	0.6	0.7	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0655	Residential	Ground	E	51	46	52	47	51	46	52	48	0.8	0.9	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0656	Residential	Ground	W	55	50	55	50	55	50	56	51	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0656	Residential	Ground	S	51	46	52	46	51	46	52	47	0.5	0.6	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0656	Residential	Ground	S	52	47	53	48	52	48	53	49	0.7	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0656	Residential	Ground	S	52	48	53	48	53	48	54	49	0.7	0.7	1	1.1	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0656	Residential	Ground	E	51	47	52	47	52	47	53	48	0.8	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0656	Residential	Ground	N	49	44	50	45	50	45	51	46	0.7	0.7	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0656	Residential	Ground	E	48	43	49	44	49	44	50	45	0.8	0.9	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0656	Residential	Ground	N	50	45	51	46	51	45	51	46	0.6	0.6	0.7	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0657	Residential	Ground	W	58	53	58	53	58	53	58	53	0.1	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0657	Residential	Ground	S	58	53	58	53	58	53	59	54	0.4	0.4	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0657	Residential	Ground	E	56	51	56	52	56	51	57	52	0.7	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0657	Residential	Ground	S	56	52	57	52	57	52	58	53	0.4	0.4	0.7	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0657	Residential	Ground	W	56	51	56	51	56	51	57	52	0.4	0.4	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0657	Residential	Ground	S	56	51	57	52	57	52	58	53	0.5	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0657	Residential	Ground	E	53	48	53	49	53	48	54	49	0.7	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0657	Residential	Ground	N	52	47	53	47	53	47	53	48	0.4	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0658	Residential	Ground	W	54	49	54	49	55	49	55	50	0.2	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0658	Residential	Ground	N	54	48	54	49	54	49	55	49	0.2	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0658	Residential	Ground	W	55	50	55	50	56	50	56	51	0	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0658	Residential	Ground	W	54	49	54	49	55	49	55	50	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0658	Residential	Ground	W	56	51	57	52	57	52	57	52	0.2	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0658	Residential	Ground	S	51	45	51	46	51	46	52	47	0.4	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0658	Residential	Ground	E	51	46	52	47	51	46	52	47	0.6	0.7	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0658	Residential	Ground	E	51	46	52	47	52	47	53	48	0.6	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0658	Residential	Ground	E	52	47	53	48	53	48	54	49	0.6	0.7	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0658	Residential	Ground	N	53	48	53	48	53	48	54	49	0.4	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0659	Residential	Ground	W	56	51	56	51	56	51	57	52	0.2	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0659	Residential	Ground	S	55	49	55	50	55	50	55	50	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0659	Residential	Ground	E	52	47	53	48	53	48	54	49	0.8	0.8	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0659	Residential	Ground	S	52	48	53	48	53	48	54	49	0.7	0.7	1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0659	Residential	Ground	E	53	48	53	49	53	48	54	49	0.6	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0659	Residential	Ground	N	53	47	53	48	53	48	54	49	0.4	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0660	Residential	Ground	W	53	48	53	49	53	48	54	49	0.5	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0660	Residential	Ground	S	56	51	56	51	56	51	57	52	0.5	0.4	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0660	Residential	Ground	W	55	50	56	51	56	51	56	52	0.4	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0660	Residential	Ground	S	56	51	57	52	57	52	57	53	0.4	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0660	Residential	Ground	E	51	46	52	47	51	46	52	47	0.5	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0660	Residential	Ground	N	52	47	53	48	53	48	53	48	0.4	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0661	Residential	Ground	NE	51	46	52	47	52	46	52	47	0.4	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0661	Residential	Ground	N	51	45	51	46	51	46	52	47	0.4	0.4	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0661	Residential	Ground	N	51	46	52	47	52	47	52	47	0.5	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04B	NCA04B.RES.0661	Residential	Ground	W	52	47	53	48	52	47	53	49	0.7	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0661	Residential	Ground	S	56	51	57	52	57	52	58	53	0.6	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0661	Residential	Ground	E	55	50	56	51	55	50	56	52	0.8	0.8	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0661	Residential	Ground	S	55	50	56	51	55	50	56	52	0.8	0.8	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0661	Residential	Ground	E	53	49	54	49	54	49	55	50	0.9	0.9	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0662	Residential	Ground	W	56	51	56	51	56	51	56	51	0.2	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0662	Residential	Ground	S	53	48	53	48	53	48	54	49	0.4	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0662	Residential	Ground	S	53	48	54	49	54	48	54	49	0.5	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0662	Residential	Ground	E	52	47	53	48	53	48	54	49	0.6	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0662	Residential	Ground	N	51	46	51	46	51	46	52	47	0.6	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0662	Residential	Ground	E	52	47	53	48	52	47	53	49	0.7	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0662	Residential	Ground	N	53	48	54	48	54	48	54	49	0.3	0.4	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0662	Residential	Ground	W	53	48	54	48	54	48	54	49	0.2	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0662	Residential	Ground	N	53	48	54	48	54	48	54	49	0.2	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0663	Residential	Ground	N	52	47	53	48	53	48	53	48	0.5	0.5	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0663	Residential	Ground	W	56	51	56	51	56	51	56	51	0.2	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0663	Residential	Ground	S	54	49	54	49	54	49	55	50	0.5	0.6	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0663	Residential	Ground	E	52	47	52	48	52	47	53	48	0.7	0.7	1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0664	Residential	Ground	W	53	48	53	49	53	48	54	49	0.6	0.5	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0664	Residential	Ground	W	54	49	55	50	55	50	55	50	0.4	0.4	0.8	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0664	Residential	Ground	S	55	50	55	50	55	50	56	51	0.5	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0664	Residential	Ground	E	52	47	53	48	53	48	54	49	0.8	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0664	Residential	Ground	S	53	48	54	49	53	48	54	49	0.6	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0664	Residential	Ground	E	50	45	50	46	50	45	51	46	0.4	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0664	Residential	Ground	N	52	46	52	47	52	47	53	48	0.3	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0664	Residential	Ground	N	52	47	53	47	53	47	53	48	0.3	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0664	Residential	Ground	N	52	47	52	47	52	47	53	48	0.4	0.5	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0665	Residential	Ground	N	53	48	53	48	54	48	54	49	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0665	Residential	Ground	N	53	48	53	48	54	48	54	49	0.4	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0665	Residential	Ground	W	51	46	51	47	51	46	52	47	0.6	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0665	Residential	Ground	S	54	49	55	50	55	50	56	51	0.4	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0665	Residential	Ground	E	52	47	53	48	52	47	53	48	0.7	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0665	Residential	Ground	S	53	48	53	48	53	48	54	49	0.6	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0665	Residential	Ground	E	52	47	53	48	52	47	53	49	0.8	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0666	Residential	Ground	N	53	48	53	48	53	48	54	49	0.4	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0666	Residential	Ground	N	52	47	52	47	52	47	53	48	0.3	0.4	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0666	Residential	Ground	N	52	47	53	47	53	47	53	48	0.3	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0666	Residential	Ground	W	53	48	54	49	54	49	54	50	0.4	0.4	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0666	Residential	Ground	W	54	49	54	49	54	49	55	50	0.5	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0666	Residential	Ground	S	54	49	55	50	54	49	55	50	0.5	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0666	Residential	Ground	S	54	49	54	49	54	49	55	50	0.5	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0666	Residential	Ground	E	51	46	52	47	51	46	53	48	0.8	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0667	Residential	Ground	W	54	49	54	49	54	49	55	50	0.4	0.4	0.8	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0667	Residential	Ground	S	54	49	54	49	54	49	55	50	0.7	0.7	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0667	Residential	Ground	E	51	47	52	47	52	47	53	48	0.8	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0667	Residential	Ground	N	52	47	53	48	53	48	53	48	0.4	0.5	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0668	Residential	Ground	N	52	47	52	47	52	47	53	48	0.3	0.5	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0668	Residential	Ground	W	53	48	53	48	54	48	54	49	0.1	0.1	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0668	Residential	Ground	N	51	46	51	46	52	46	52	47	0.1	0.2	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0668	Residential	Ground	W	53	48	54	49	54	49	54	50	0.5	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0668	Residential	Ground	S	51	46	51	46	51	46	52	47	0.8	0.8	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0668	Residential	Ground	E	52	48	54	49	53	48	54	50	1.2	1.1	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0669	Residential	Ground	N	51	46	52	47	52	47	53	48	0.8	0.8	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0669	Residential	Ground	W	54	49	54	50	54	49	55	50	0.6	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0669	Residential	Ground	S	55	50	55	51	55	50	56	51	0.6	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0669	Residential	Ground	S	54	50	55	50	55	50	56	51	0.5	0.5	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0669	Residential	Ground	S	54	49	55	50	54	49	55	50	0.7	0.7	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0669	Residential	Ground	E	54	49	55	50	54	49	56	51	1.1	1.1	1.3	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0669	Residential	Ground	E	54	49	55	50	54	49	55	51	1.1	1.1	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0669	Residential	Ground	E	54	49	55	50	54	49	55	51	1.1	1.1	1.3	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0669	Residential	Ground	E	52	47	53	48	52	48	54	49	1	0.9	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0669	Residential	Ground	E	53	48	54	49	53	48	55	50	1.1	1	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0670	Residential	Ground	W	54	49	55	50	55	50	55	51	0.5	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0670	Residential	Ground	S	52	47	53	48	53	47	53	49	0.7	0.7	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0670	Residential	Ground	E	54	49	55	50	54	49	56	51	1	1.1	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0670	Residential	Ground	E	54	49	55	50	54	49	56	51	1.2	1.1	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0670	Residential	Ground	E	54	49	55	50	54	49	55	51	1.1	1	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0671	Residential	Ground	W	51	47	52	47	52	47	53	48	0.8	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0671	Residential	Ground	S	56	51	57	52	56	51	58	53	0.9	0.9	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0671	Residential	Ground	E	54	49	55	50	54	50	56	51	1.1	1.1	1.3	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0671	Residential	Ground	N	52	47	52	47	52	47	53	48	0.7	0.7	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0672	Residential	Ground	W	54	49	55	50	54	49	55	51	0.8	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0672	Residential	Ground	S	56	51	56	51	56	51	57	52	0.6	0.7	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0672	Residential	Ground	W	55	50	56	51	56	51	57	52	0.6	0.6	1	1.1	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04B	NCA04B.RES.0672	Residential	Ground	SW	56	51	57	52	56	51	57	52	0.7	0.7	0.9	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0672	Residential	Ground	SW	56	51	56	51	56	51	57	52	0.6	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0672	Residential	Ground	S	57	52	57	52	57	52	58	53	0.6	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0672	Residential	Ground	E	50	45	51	46	51	46	52	47	0.6	0.5	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0672	Residential	Ground	N	50	45	51	46	51	46	51	47	0.6	0.5	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0672	Residential	Ground	N	52	47	52	47	52	47	53	48	0.4	0.4	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0672	Residential	Ground	N	51	45	51	46	51	46	52	47	0.4	0.5	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0672	Residential	Ground	N	51	46	52	47	52	47	52	48	0.5	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0673	Residential	Ground	W	51	46	52	47	52	47	53	48	0.8	0.9	1.2	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0673	Residential	Ground	S	57	52	57	52	57	52	58	53	0.6	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0673	Residential	Ground	E	52	47	53	48	52	47	53	49	0.8	0.8	1	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0673	Residential	Ground	N	51	46	52	47	51	46	52	47	0.5	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0674	Residential	Ground	N	52	47	52	47	52	47	53	48	0.6	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0674	Residential	Ground	W	52	47	53	48	52	47	53	49	0.6	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0674	Residential	Ground	S	56	51	57	52	57	52	58	53	0.6	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0674	Residential	Ground	E	52	48	53	48	53	48	54	49	0.9	0.9	1.2	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0675	Residential	Ground	W	55	50	56	51	55	50	56	52	0.8	0.8	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0675	Residential	Ground	S	55	50	56	51	56	51	57	52	0.8	0.8	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0675	Residential	Ground	S	55	50	56	51	56	51	57	52	0.8	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0675	Residential	Ground	W	55	50	55	50	55	50	56	51	0.5	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0675	Residential	Ground	W	55	50	55	50	55	50	56	51	0.6	0.6	0.8	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0675	Residential	Ground	S	54	49	56	51	55	50	56	52	1.3	1.4	1.6	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0675	Residential	Ground	E	53	48	55	50	54	49	55	51	1.4	1.3	1.6	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0675	Residential	Ground	N	52	47	53	48	53	48	54	49	1.2	1.2	1.3	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0676	Residential	Ground	W	55	50	55	51	55	50	56	51	0.8	0.8	1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0676	Residential	Ground	S	52	47	53	48	52	47	54	49	1.1	1.2	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0676	Residential	Ground	E	54	50	56	52	55	50	57	53	1.9	1.8	2.1	2.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0676	Residential	Ground	N	52	47	54	49	52	48	54	50	1.8	1.7	1.9	2.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0676	Residential	Ground	E	53	48	55	50	53	49	55	51	1.7	1.7	2	2.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0676	Residential	Ground	E	53	48	55	50	54	49	56	51	1.8	1.6	1.9	2.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0676	Residential	Ground	E	53	49	55	50	54	49	56	51	1.8	1.7	2	2.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0676	Residential	Ground	N	52	47	53	48	52	47	53	48	0.8	0.8	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0677	Residential	Ground	W	54	49	55	50	54	49	55	50	0.6	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0677	Residential	Ground	W	53	48	53	48	54	49	54	49	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0677	Residential	Ground	W	55	50	55	50	55	50	56	51	0.7	0.7	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0677	Residential	Ground	S	55	50	56	51	55	50	57	52	1.7	1.5	1.8	2.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0677	Residential	Ground	E	54	49	55	51	54	49	56	51	1.7	1.7	1.9	2.2	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04B	NCA04B.RES.0677	Residential	Ground	N	51	46	52	48	52	47	53	48	1.2	1.2	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0677	Residential	Ground	N	50	45	51	46	51	46	52	47	0.9	0.9	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0677	Residential	Ground	N	50	45	51	46	50	45	51	46	0.8	0.8	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0677	Residential	Ground	E	53	48	54	49	53	48	55	50	1.4	1.4	1.6	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0677	Residential	Ground	N	51	46	52	47	52	47	53	48	0.6	0.7	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0678	Residential	Ground	W	54	50	55	50	55	50	56	51	0.8	0.8	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0678	Residential	Ground	S	54	50	55	50	55	50	56	51	0.7	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0678	Residential	Ground	E	53	49	55	50	54	49	55	51	1.4	1.3	1.6	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0678	Residential	Ground	N	52	47	52	47	52	47	53	48	0.7	0.8	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0679	Residential	Ground	W	54	49	55	50	55	50	56	51	0.7	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0679	Residential	Ground	S	54	49	55	50	54	49	55	51	1	1	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0679	Residential	Ground	E	53	49	55	50	54	49	56	51	1.8	1.8	2	2.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0679	Residential	Ground	N	51	46	53	48	52	47	53	48	1.5	1.5	1.6	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0679	Residential	Ground	E	51	46	52	48	52	47	53	48	1.4	1.4	1.6	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0679	Residential	Ground	E	51	47	53	48	52	47	54	49	1.5	1.5	1.7	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0679	Residential	Ground	E	52	47	54	49	53	48	54	50	1.4	1.3	1.7	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0679	Residential	Ground	N	51	46	52	47	52	47	53	48	1.2	1.2	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0680	Residential	Ground	W	54	50	55	50	55	50	56	51	0.7	0.7	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0680	Residential	Ground	S	51	46	52	47	51	46	53	48	1.3	1.4	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0680	Residential	Ground	E	53	49	55	50	54	49	56	51	1.6	1.5	1.8	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0680	Residential	Ground	E	51	47	53	48	52	47	54	49	1.4	1.3	1.6	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0680	Residential	Ground	E	52	47	53	48	53	48	54	49	1.1	1	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0680	Residential	Ground	N	51	46	52	47	51	46	52	47	0.8	0.9	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0680	Residential	Ground	W	53	48	54	49	54	49	54	49	0.2	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0680	Residential	Ground	N	53	48	53	48	53	48	54	49	0.2	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0680	Residential	Ground	W	53	48	53	48	53	48	54	49	0.4	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0680	Residential	Ground	N	52	47	53	47	53	47	53	48	0.3	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0681	Residential	Ground	W	55	50	56	51	55	50	56	51	0.6	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0681	Residential	Ground	S	54	49	55	50	54	49	55	51	0.7	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0681	Residential	Ground	E	53	48	54	49	53	48	55	50	1.3	1.3	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0681	Residential	Ground	N	53	48	54	49	54	49	55	50	1.1	1.1	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0681	Residential	Ground	W	54	49	55	49	55	49	55	50	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0681	Residential	Ground	W	54	49	54	49	54	49	55	50	0.1	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0681	Residential	Ground	W	53	48	54	48	54	49	54	49	0.3	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0681	Residential	Ground	N	53	47	53	48	53	48	54	48	0.3	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0682	Residential	Ground	W	54	49	55	50	54	49	55	50	0.6	0.7	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0682	Residential	Ground	W	53	48	54	49	54	49	55	50	0.5	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04B	NCA04B.RES.0682	Residential	Ground	W	55	50	55	50	55	50	56	51	0.6	0.7	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0682	Residential	Ground	S	54	49	55	50	55	50	56	51	1.2	1.2	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0682	Residential	Ground	E	54	49	55	51	54	49	56	51	1.8	1.7	2	2.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0682	Residential	Ground	N	51	46	53	48	52	47	53	49	1.6	1.5	1.7	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0682	Residential	Ground	E	52	47	53	49	52	48	54	49	1.6	1.6	1.8	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0682	Residential	Ground	N	52	47	53	48	52	47	54	49	1.1	1.2	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0683	Residential	Ground	W	54	49	55	50	54	49	55	50	0.6	0.7	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0683	Residential	Ground	S	54	49	55	51	54	50	56	51	1.6	1.5	1.8	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0683	Residential	Ground	E	54	49	56	51	55	50	57	52	2	2	2.1	2.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0683	Residential	Ground	N	50	45	51	46	51	46	52	47	0.6	0.7	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0683	Residential	Ground	N	49	44	50	45	50	45	51	46	0.9	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0683	Residential	Ground	N	52	46	52	47	52	47	53	48	0.5	0.6	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0683	Residential	Ground	N	51	46	52	47	52	47	52	47	0.3	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0683	Residential	Ground	N	52	47	52	47	52	47	53	48	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0683	Residential	Ground	W	53	48	53	48	54	48	54	49	0.2	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0683	Residential	Ground	N	52	47	53	47	53	47	53	48	0.3	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0684	Residential	Ground	W	54	49	55	50	54	49	55	50	0.5	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0684	Residential	Ground	S	54	49	54	49	54	49	55	50	0.4	0.4	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0684	Residential	Ground	W	53	48	54	49	54	49	55	50	0.4	0.4	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0684	Residential	Ground	S	53	48	53	48	53	48	54	49	0.4	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0684	Residential	Ground	E	51	46	52	47	52	47	53	48	0.8	0.9	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0684	Residential	Ground	S	52	47	53	48	52	47	53	49	0.8	0.8	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0684	Residential	Ground	E	52	47	53	48	52	47	54	49	1.2	1.2	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0684	Residential	Ground	N	50	45	51	46	50	45	51	47	0.8	0.7	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0684	Residential	Ground	N	49	44	50	45	50	45	51	46	0.9	0.8	1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0684	Residential	Ground	N	52	46	52	47	52	47	53	48	0.6	0.7	0.9	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0684	Residential	Ground	N	51	46	51	46	51	46	52	47	0.4	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0684	Residential	Ground	N	51	46	52	47	52	47	52	47	0.4	0.5	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0685	Residential	Ground	W	54	49	54	49	54	49	55	50	0.6	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0685	Residential	Ground	S	55	50	55	51	55	50	56	51	0.9	0.9	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0685	Residential	Ground	E	53	48	54	49	53	48	55	50	1.4	1.3	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0685	Residential	Ground	N	51	46	51	46	51	46	52	47	0.6	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0686	Residential	Ground	W	53	48	54	49	54	49	55	50	0.4	0.5	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0686	Residential	Ground	W	53	48	53	48	53	48	54	49	0.3	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0686	Residential	Ground	W	54	49	54	49	54	49	55	50	0.5	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0686	Residential	Ground	W	53	48	54	49	54	49	54	50	0.4	0.4	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0686	Residential	Ground	W	53	49	54	49	54	49	55	50	0.5	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0686	Residential	Ground	S	51	46	51	46	51	46	52	47	0.6	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0686	Residential	Ground	E	52	47	53	48	52	48	54	49	1	0.9	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0686	Residential	Ground	N	51	46	52	47	52	47	52	47	0.4	0.5	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0687	Residential	Ground	W	54	49	54	49	54	49	55	50	0.5	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0687	Residential	Ground	S	51	46	52	47	52	47	53	48	0.7	0.7	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0687	Residential	Ground	E	51	46	52	47	52	47	53	48	1	1	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0687	Residential	Ground	N	51	46	51	46	51	46	52	47	0.4	0.4	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0688	Residential	Ground	W	53	48	54	49	54	49	55	50	0.6	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0688	Residential	Ground	S	51	46	52	47	52	47	53	48	0.6	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0688	Residential	Ground	E	51	46	52	47	52	47	53	48	1	0.9	1.2	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0688	Residential	Ground	E	50	45	51	46	50	45	51	47	0.8	0.8	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0688	Residential	Ground	E	51	46	52	47	51	47	53	48	1	0.9	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0688	Residential	Ground	N	52	46	52	47	52	47	53	47	0.3	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0688	Residential	Ground	W	52	47	52	47	53	47	53	48	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0688	Residential	Ground	N	52	46	52	47	52	47	53	47	0.3	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0689	Residential	Ground	W	54	49	55	49	55	49	55	50	0.3	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0689	Residential	Ground	W	54	49	54	49	54	49	55	50	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0689	Residential	Ground	W	54	49	54	49	54	49	55	50	0.4	0.4	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0689	Residential	Ground	S	53	48	54	49	54	49	55	50	0.4	0.6	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0689	Residential	Ground	E	51	46	52	47	51	47	53	48	1	0.9	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0689	Residential	Ground	N	51	46	52	47	52	47	53	47	0.5	0.6	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0690	Residential	Ground	W	54	49	54	49	55	49	55	50	0.3	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0690	Residential	Ground	S	50	44	50	45	50	45	51	46	0.6	0.7	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0690	Residential	Ground	E	51	46	52	47	52	47	53	48	1.3	1.2	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0690	Residential	Ground	N	51	46	51	46	51	46	52	47	0.4	0.4	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0690	Residential	Ground	W	54	49	54	49	54	49	55	49	0.2	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0690	Residential	Ground	W	53	48	53	48	54	48	54	49	0	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0691	Residential	Ground	W	54	49	54	49	54	49	55	50	0.4	0.4	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0691	Residential	Ground	S	53	47	53	48	53	48	54	49	0.4	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0691	Residential	Ground	W	51	46	51	46	51	46	52	47	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0691	Residential	Ground	E	49	44	49	44	49	44	50	45	0.7	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0691	Residential	Ground	E	50	45	51	46	50	45	51	47	1	1.1	1.3	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0691	Residential	Ground	N	50	45	51	46	50	45	51	47	1	1	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0691	Residential	Ground	N	50	45	51	46	50	45	51	46	0.8	0.8	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0692	Residential	Ground	N	50	44	50	45	50	45	51	46	0.7	0.8	0.8	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0692	Residential	Ground	W	54	49	54	49	54	49	55	50	0.4	0.4	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0692	Residential	Ground	S	48	43	49	44	49	44	50	45	0.8	0.9	1	1.2	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04B	NCA04B.RES.0692	Residential	Ground	E	50	45	51	46	51	46	52	47	1	1	1.2	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0693	Residential	Ground	W	53	48	54	49	54	49	54	50	0.4	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0693	Residential	Ground	S	49	44	49	44	49	44	50	45	0.6	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0693	Residential	Ground	E	50	45	51	46	51	46	52	47	1.2	1.1	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0693	Residential	Ground	N	51	45	51	46	51	46	52	47	0.5	0.6	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0694	Residential	Ground	W	53	48	53	48	53	48	54	49	0.3	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0694	Residential	Ground	S	51	46	52	46	51	46	52	47	0.7	0.7	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0694	Residential	Ground	E	49	44	51	46	50	45	51	47	1.4	1.4	1.5	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0694	Residential	Ground	N	49	43	49	44	49	44	50	45	0.6	0.7	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0695	Residential	Ground	S	49	44	50	45	50	44	51	46	0.9	1	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0695	Residential	Ground	E	50	45	51	46	50	45	52	47	1.2	1.2	1.4	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0695	Residential	Ground	N	49	44	50	45	49	44	51	46	1	1	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0695	Residential	Ground	E	49	44	50	45	50	45	51	46	1	1	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0695	Residential	Ground	N	51	45	51	46	51	46	52	47	0.5	0.6	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0695	Residential	Ground	N	52	47	53	48	53	48	53	49	0.4	0.3	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0695	Residential	Ground	N	53	48	53	48	53	48	54	49	0.3	0.4	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0695	Residential	Ground	W	52	47	53	48	53	48	53	48	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0695	Residential	Ground	W	53	48	53	48	53	48	54	49	0.4	0.4	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0695	Residential	Ground	W	52	46	52	46	52	47	52	47	0	0	0.2	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0695	Residential	Ground	W	52	47	52	47	53	47	53	48	0.3	0.3	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0705	Residential	Ground	NE	48	43	49	44	49	44	50	45	0.8	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0705	Residential	Ground	NW	54	49	54	49	54	49	55	50	0.2	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0705	Residential	Ground	SW	53	48	53	48	53	48	54	49	0.1	0.1	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0705	Residential	Ground	W	49	44	50	45	50	45	51	45	0.4	0.4	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0705	Residential	Ground	N	49	44	50	44	50	44	50	45	0.4	0.5	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0705	Residential	Ground	W	54	49	54	49	54	49	55	50	0.3	0.3	0.7	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0705	Residential	Ground	S	54	49	55	50	55	50	56	51	0.5	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0705	Residential	Ground	S	53	48	53	48	53	48	54	49	0.5	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0705	Residential	Ground	E	50	45	51	46	51	46	52	47	1	1	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0706	Residential	Ground	W	54	49	54	49	54	49	55	50	0.2	0.2	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0706	Residential	Ground	S	50	45	51	46	50	45	51	46	0.9	0.9	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0706	Residential	Ground	E	51	46	52	47	51	46	53	48	1.1	1.1	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0706	Residential	Ground	S	51	46	52	47	51	46	53	48	1.2	1.1	1.3	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0706	Residential	Ground	E	51	46	52	47	52	47	53	48	1	1.1	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0706	Residential	Ground	N	49	44	50	44	49	44	50	45	0.7	0.7	0.8	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0706	Residential	Ground	W	50	45	50	45	51	45	51	46	0.4	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0706	Residential	Ground	N	50	45	50	45	50	45	51	46	0.4	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0706	Residential	Ground	N	54	49	54	49	54	49	55	50	0.2	0.2	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0707	Residential	Ground	NW	51	46	51	46	52	46	52	47	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0707	Residential	Ground	SW	51	46	52	47	52	47	53	48	0.8	0.9	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0707	Residential	Ground	SE	53	48	54	49	53	49	54	50	0.8	0.7	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0707	Residential	Ground	NE	49	44	50	45	49	44	51	46	1.1	1.1	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0708	Residential	Ground	NE	48	42	48	43	48	43	49	44	0.6	0.7	0.9	1.1	60	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0708	Residential	Ground	NE	49	44	50	45	49	44	50	45	0.9	1	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0708	Residential	Ground	NW	52	47	52	47	53	47	53	48	0.2	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0708	Residential	Ground	SW	52	47	53	48	52	47	53	48	0.9	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0708	Residential	Ground	SW	54	49	54	50	54	49	55	50	0.7	0.7	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0708	Residential	Ground	SE	53	48	54	49	53	49	54	50	0.8	0.7	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0708	Residential	Ground	NE	49	44	50	45	50	45	51	46	1.1	1.1	1.2	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0709	Residential	Ground	W	54	49	54	49	54	49	55	50	0.2	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0709	Residential	Ground	S	53	48	53	48	53	48	54	49	0.7	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0709	Residential	Ground	E	51	46	52	47	51	47	53	48	1.1	1	1.2	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0709	Residential	Ground	N	49	44	50	45	49	44	51	46	0.9	1	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0710	Residential	Ground	N	50	45	51	45	50	45	51	46	0.7	0.8	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0710	Residential	Ground	W	53	47	53	48	53	48	54	49	0.4	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0710	Residential	Ground	S	50	45	51	46	51	46	52	47	0.9	0.9	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0710	Residential	Ground	E	51	46	52	47	51	46	53	48	1.1	1.1	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0710	Residential	Ground	N	49	44	50	45	49	44	51	46	1	1.1	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0710	Residential	Ground	E	50	45	51	46	50	45	51	47	1.1	1	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0710	Residential	Ground	N	49	44	50	45	49	45	51	46	1.1	1.1	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0710	Residential	Ground	E	49	44	50	45	50	45	51	46	1.2	1.1	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0711	Residential	Ground	W	54	49	54	49	54	49	55	50	0.3	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0711	Residential	Ground	W	54	49	54	49	54	49	55	50	0.2	0.2	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0711	Residential	Ground	W	54	49	54	49	54	49	55	50	0.2	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0711	Residential	Ground	S	54	48	54	49	54	49	55	50	0.4	0.4	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0711	Residential	Ground	E	51	46	52	47	51	46	52	48	1	1	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0711	Residential	Ground	N	49	44	50	45	50	45	51	46	0.8	0.8	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0712	Residential	Ground	N	49	44	50	45	49	44	50	45	0.9	1	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0712	Residential	Ground	N	48	43	49	44	48	43	49	44	1	1	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0712	Residential	Ground	N	50	44	50	45	50	45	51	46	0.6	0.7	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0712	Residential	Ground	W	53	48	53	48	54	48	54	49	0.3	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0712	Residential	Ground	W	52	47	52	47	52	47	53	48	0.1	0.1	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0712	Residential	Ground	W	53	48	54	49	54	49	54	49	0.4	0.5	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0712	Residential	Ground	S	54	49	54	50	54	49	55	50	0.5	0.6	0.9	0.9	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0712	Residential	Ground	E	51	46	52	47	51	47	53	48	1.1	1	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0712	Residential	Ground	S	51	46	52	47	51	46	52	48	0.8	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0712	Residential	Ground	W	51	46	52	47	52	47	53	48	0.8	0.9	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0712	Residential	Ground	S	53	48	54	49	53	48	54	49	0.6	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0712	Residential	Ground	E	50	46	52	47	51	46	52	48	1.1	1.1	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0713	Residential	Ground	W	54	49	54	49	54	49	55	50	0.3	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0713	Residential	Ground	S	53	48	54	49	54	49	54	49	0.5	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0713	Residential	Ground	E	50	45	51	46	51	46	52	47	0.9	0.9	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0713	Residential	Ground	N	48	43	49	44	49	44	50	45	0.9	0.9	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0713	Residential	Ground	E	49	44	50	45	50	45	51	46	0.9	1	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0713	Residential	Ground	N	50	45	51	45	50	45	51	46	0.6	0.6	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0713	Residential	Ground	W	53	48	53	48	53	48	54	49	0.1	0.2	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0713	Residential	Ground	N	51	46	52	46	52	46	52	47	0.3	0.4	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0714	Residential	Ground	S	52	47	53	47	53	47	53	48	0.4	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0714	Residential	Ground	E	50	45	51	46	50	45	52	47	1	1	1.2	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0714	Residential	Ground	E	50	45	51	46	50	45	51	47	1	1	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0714	Residential	Ground	E	49	45	50	45	50	45	51	46	1	0.9	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0714	Residential	Ground	N	50	45	50	45	50	45	51	46	0.6	0.7	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0714	Residential	Ground	W	53	48	54	49	54	49	54	49	0.3	0.4	0.7	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0715	Residential	Ground	W	54	49	54	49	54	49	55	50	0.4	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0715	Residential	Ground	S	51	46	52	47	52	47	52	47	0.5	0.6	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0715	Residential	Ground	E	50	45	51	46	50	45	52	47	0.9	0.9	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0715	Residential	Ground	N	50	45	51	46	51	45	51	46	0.4	0.5	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0715	Residential	Ground	W	53	48	54	48	54	49	54	49	0.3	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0715	Residential	Ground	N	52	47	52	47	52	47	53	48	0.2	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0716	Residential	Ground	N	50	45	51	45	51	45	51	46	0.5	0.5	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0716	Residential	Ground	W	51	46	51	46	51	46	52	47	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0716	Residential	Ground	N	51	45	51	46	51	46	52	47	0.3	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0716	Residential	Ground	W	51	46	52	46	52	46	52	47	0.4	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0716	Residential	Ground	S	52	47	53	48	53	48	54	49	0.5	0.5	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0716	Residential	Ground	S	51	46	51	46	51	46	52	47	0.6	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0716	Residential	Ground	S	51	46	52	47	52	47	52	48	0.5	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0716	Residential	Ground	E	49	44	50	45	50	45	51	46	0.9	0.9	1.1	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0716	Residential	Ground	S	50	45	51	46	51	46	52	47	0.8	0.8	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0716	Residential	Ground	E	50	45	51	46	50	45	52	47	0.9	0.9	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0717	Residential	Ground	W	53	48	54	48	54	49	54	49	0.3	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0717	Residential	Ground	S	52	47	52	47	52	47	53	48	0.6	0.6	0.9	1	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0717	Residential	Ground	E	50	45	50	45	50	45	51	46	0.8	0.9	1.1	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0717	Residential	Ground	N	48	43	49	44	49	44	50	45	0.9	0.8	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0717	Residential	Ground	E	49	44	49	44	49	44	50	45	0.8	0.8	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0717	Residential	Ground	N	51	45	51	46	51	46	52	46	0.3	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0718	Residential	Ground	S	48	43	49	44	49	44	49	44	0.4	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0718	Residential	Ground	E	50	45	51	46	50	45	52	47	0.8	0.9	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0718	Residential	Ground	E	49	44	50	45	49	44	50	45	0.8	0.9	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0718	Residential	Ground	E	49	45	50	45	50	45	51	46	0.9	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0718	Residential	Ground	N	50	44	50	45	50	45	51	46	0.5	0.6	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0718	Residential	Ground	N	48	43	49	44	49	43	49	45	0.6	0.8	0.9	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0718	Residential	Ground	N	51	46	52	46	52	46	52	47	0.4	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0718	Residential	Ground	W	53	48	53	48	53	48	54	49	0.3	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0718	Residential	Ground	W	52	47	52	47	53	47	53	48	0.2	0.1	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0718	Residential	Ground	W	53	48	54	49	54	49	54	49	0.3	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0718	Residential	Ground	W	53	48	53	48	53	48	54	49	0.2	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0718	Residential	Ground	W	53	48	54	49	54	49	54	49	0.2	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0719	Residential	Ground	W	53	48	53	48	53	48	54	49	0.3	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0719	Residential	Ground	N	52	46	52	47	52	47	53	47	0.3	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0719	Residential	Ground	W	53	48	54	49	54	48	54	49	0.4	0.4	0.6	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0719	Residential	Ground	S	53	48	53	48	53	48	54	49	0.4	0.5	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0719	Residential	Ground	W	53	48	53	48	53	48	54	49	0.4	0.4	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0719	Residential	Ground	S	51	45	51	46	51	46	52	47	0.6	0.7	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0719	Residential	Ground	E	50	45	51	46	51	46	52	47	1	1	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0719	Residential	Ground	E	50	45	51	46	51	46	52	47	1	1	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0719	Residential	Ground	E	50	45	51	46	50	45	52	47	0.9	0.9	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0719	Residential	Ground	N	51	46	51	46	51	46	52	47	0.5	0.6	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0720	Residential	Ground	W	54	49	54	49	54	49	55	50	0.3	0.3	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0720	Residential	Ground	S	54	49	54	49	54	49	55	50	0.3	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0720	Residential	Ground	W	54	49	54	49	54	49	55	50	0.3	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0720	Residential	Ground	S	52	47	53	48	53	48	53	48	0.5	0.6	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0720	Residential	Ground	E	50	45	51	46	50	45	51	47	0.8	0.8	1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0720	Residential	Ground	N	50	45	51	45	51	45	51	46	0.5	0.5	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0721	Residential	Ground	W	50	45	51	46	51	46	52	47	0.7	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0721	Residential	Ground	S	53	48	53	49	53	48	54	49	0.6	0.7	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0721	Residential	Ground	E	49	44	49	45	49	44	50	45	0.7	0.8	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0721	Residential	Ground	N	49	44	49	44	49	44	50	45	0.6	0.6	0.8	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0721	Residential	Ground	E	49	44	50	45	49	44	50	46	0.7	0.8	1	1.2	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0721	Residential	Ground	N	51	46	52	46	52	46	52	47	0.3	0.3	0.4	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0722	Residential	Ground	N	51	45	51	46	51	46	52	47	0.5	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0722	Residential	Ground	W	53	47	53	48	53	48	54	49	0.4	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0722	Residential	Ground	W	51	46	52	46	52	47	52	47	0.2	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0722	Residential	Ground	W	52	47	53	47	53	47	53	48	0.4	0.5	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0722	Residential	Ground	S	52	47	53	48	53	48	54	49	0.8	0.7	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0722	Residential	Ground	E	50	45	51	46	51	46	52	47	1	1	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0723	Residential	Ground	W	54	49	55	49	55	50	55	50	0.3	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0723	Residential	Ground	S	54	49	55	50	55	50	55	51	0.4	0.4	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0723	Residential	Ground	E	50	45	51	46	51	46	52	47	0.8	0.9	1.1	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0723	Residential	Ground	N	51	46	51	46	51	46	52	47	0.4	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0724	Residential	Ground	W	53	47	53	48	53	48	54	49	0.5	0.6	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0724	Residential	Ground	S	53	48	54	49	54	49	55	50	0.6	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0724	Residential	Ground	S	52	48	53	48	53	48	54	49	0.7	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0724	Residential	Ground	S	53	48	54	49	53	49	54	50	0.5	0.5	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0724	Residential	Ground	E	50	45	51	46	50	45	51	47	0.8	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0724	Residential	Ground	N	50	45	51	46	51	46	51	46	0.4	0.5	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0724	Residential	Ground	W	50	45	50	45	50	45	51	46	0.4	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0724	Residential	Ground	N	50	45	50	45	50	45	51	46	0.4	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0725	Residential	Ground	W	49	44	50	45	50	45	51	46	0.8	0.7	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0725	Residential	Ground	S	53	48	54	49	53	48	54	49	0.6	0.5	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0725	Residential	Ground	E	50	45	50	46	50	45	51	46	0.8	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0725	Residential	Ground	N	49	44	50	45	50	44	50	45	0.6	0.6	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0725	Residential	Ground	E	49	44	49	45	49	44	50	45	0.7	0.8	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0725	Residential	Ground	N	52	46	52	47	52	47	53	47	0.3	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0726	Residential	Ground	W	52	47	52	47	52	47	53	48	0.6	0.6	0.8	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0726	Residential	Ground	S	53	48	53	48	53	48	54	49	0.5	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0726	Residential	Ground	S	53	48	53	48	53	48	54	49	0.5	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0726	Residential	Ground	S	52	47	53	48	53	48	54	49	0.7	0.7	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0726	Residential	Ground	E	51	46	52	47	51	46	52	48	0.9	0.9	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0726	Residential	Ground	E	50	45	51	46	51	46	52	47	0.9	0.9	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0726	Residential	Ground	E	50	45	51	46	51	46	52	47	0.9	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0726	Residential	Ground	N	53	47	53	48	53	48	54	48	0.2	0.3	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0727	Residential	Ground	W	54	48	54	49	54	49	55	50	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0727	Residential	Ground	S	51	46	52	47	52	47	53	48	0.6	0.7	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0727	Residential	Ground	E	49	44	50	45	50	45	51	46	0.7	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0727	Residential	Ground	N	53	47	53	48	53	48	54	48	0.2	0.3	0.4	0.5	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04B	NCA04B.RES.0728	Residential	Ground	W	53	48	54	49	54	48	54	49	0.4	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0728	Residential	Ground	S	53	48	53	48	53	48	54	49	0.6	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0728	Residential	Ground	E	50	45	51	46	50	45	51	46	0.8	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0728	Residential	Ground	N	52	47	53	47	53	47	53	48	0.3	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0728	Residential	Ground	N	52	47	53	47	53	48	53	48	0.3	0.3	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0729	Residential	Ground	W	53	48	54	48	54	49	54	49	0.2	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0729	Residential	Ground	N	52	46	52	47	52	47	53	47	0.3	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0729	Residential	Ground	W	53	48	53	48	53	48	54	49	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0729	Residential	Ground	S	52	47	52	47	52	47	53	48	0.4	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0729	Residential	Ground	E	51	46	52	47	51	47	52	48	0.8	0.8	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0729	Residential	Ground	N	51	46	51	46	51	46	52	47	0.4	0.5	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0730	Residential	Ground	W	54	49	54	49	54	49	55	50	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0730	Residential	Ground	S	53	48	53	48	53	48	54	49	0.6	0.6	0.8	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0730	Residential	Ground	E	51	46	52	47	52	47	53	48	0.8	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0730	Residential	Ground	S	51	47	52	47	52	47	53	48	0.8	0.8	1.1	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0730	Residential	Ground	S	52	47	53	48	52	47	53	49	0.7	0.7	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0730	Residential	Ground	E	52	47	53	48	52	47	53	49	0.8	0.7	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0730	Residential	Ground	E	51	46	52	47	52	47	53	48	0.8	0.7	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0730	Residential	Ground	E	51	46	52	47	52	47	53	48	0.8	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0730	Residential	Ground	S	51	46	52	47	51	46	52	48	0.8	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0730	Residential	Ground	E	51	46	52	47	52	47	53	48	0.8	0.9	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0730	Residential	Ground	N	52	46	52	47	52	47	53	47	0.4	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0731	Residential	Ground	N	52	47	52	47	52	47	53	48	0.3	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0731	Residential	Ground	N	51	46	51	46	51	46	52	47	0.3	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0731	Residential	Ground	N	52	47	52	47	52	47	53	48	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0731	Residential	Ground	N	52	47	52	47	52	47	53	48	0.3	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0731	Residential	Ground	N	52	47	52	47	53	47	53	48	0.2	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0731	Residential	Ground	W	55	49	55	50	55	50	55	50	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0731	Residential	Ground	SW	54	49	55	49	55	49	55	50	0.3	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0731	Residential	Ground	W	54	49	54	49	55	49	55	50	0.2	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0731	Residential	Ground	S	52	47	53	47	53	47	53	48	0.3	0.4	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0731	Residential	Ground	S	50	45	51	46	51	46	52	47	0.7	0.7	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0731	Residential	Ground	S	52	47	52	47	52	47	53	48	0.6	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0731	Residential	Ground	E	51	46	52	47	52	47	53	48	0.8	0.8	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0732	Residential	Ground	E	51	46	52	47	51	46	52	48	0.8	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0732	Residential	Ground	N	52	46	52	47	52	47	53	48	0.4	0.5	0.6	0.7	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0732	Residential	Ground	N	53	47	53	48	53	48	54	48	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0732	Residential	Ground	W	55	50	55	50	55	50	56	51	0.3	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0732	Residential	Ground	S	52	47	52	47	52	47	53	48	0.6	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0732	Residential	Ground	E	52	47	53	48	52	47	53	48	0.8	0.8	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0732	Residential	Ground	N	50	45	50	45	50	45	51	46	0.7	0.7	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0733	Residential	Ground	W	55	50	55	50	55	50	56	51	0.2	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0733	Residential	Ground	W	55	50	55	50	55	50	56	51	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0733	Residential	Ground	S	49	44	50	45	50	45	51	46	0.6	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0733	Residential	Ground	E	51	47	52	47	52	47	53	48	0.8	0.8	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0733	Residential	Ground	N	50	45	51	46	50	45	51	46	0.7	0.7	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0733	Residential	Ground	E	50	45	51	46	50	45	51	46	0.7	0.8	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0733	Residential	Ground	N	52	47	52	47	52	47	53	48	0.4	0.4	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0734	Residential	Ground	W	55	50	55	50	55	50	56	51	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0734	Residential	Ground	S	51	46	52	47	52	47	52	47	0.5	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0734	Residential	Ground	E	51	46	52	47	51	47	53	48	0.7	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0734	Residential	Ground	N	50	45	51	46	50	45	51	47	0.7	0.8	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0734	Residential	Ground	E	50	45	51	46	50	45	51	47	0.7	0.8	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0734	Residential	Ground	S	51	46	52	47	51	47	53	48	0.8	0.8	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0734	Residential	Ground	E	52	47	53	48	52	47	53	49	0.8	0.9	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0734	Residential	Ground	N	50	45	51	46	51	46	52	47	0.6	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0735	Residential	Ground	W	55	50	56	51	56	51	56	51	0.3	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0735	Residential	Ground	S	55	50	56	51	56	51	56	51	0.3	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0735	Residential	Ground	W	55	50	55	50	56	50	56	51	0.2	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0735	Residential	Ground	S	55	50	56	50	55	50	56	51	0.4	0.4	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0735	Residential	Ground	E	52	47	53	48	52	48	54	49	0.8	0.9	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0735	Residential	Ground	S	52	47	53	48	52	47	53	49	0.8	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0735	Residential	Ground	E	52	47	53	48	53	48	54	49	0.8	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0735	Residential	Ground	N	52	46	52	47	52	47	53	48	0.4	0.4	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0736	Residential	Ground	W	53	48	54	49	54	49	54	50	0.4	0.4	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0736	Residential	Ground	S	55	50	55	50	55	50	56	51	0.4	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0736	Residential	Ground	E	51	46	51	47	51	46	52	47	0.7	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0736	Residential	Ground	N	52	46	52	47	52	47	53	48	0.5	0.6	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0736	Residential	Ground	E	50	45	50	45	50	45	51	46	0.6	0.7	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0736	Residential	Ground	E	49	44	50	45	50	45	50	46	0.6	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0736	Residential	Ground	W	49	44	50	45	50	45	51	46	0.6	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0736	Residential	Ground	N	51	46	52	47	52	47	53	47	0.5	0.6	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0737	Residential	Ground	W	53	48	53	48	53	48	54	49	0.6	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04B	NCA04B.RES.0737	Residential	Ground	S	55	50	55	50	55	50	56	51	0.4	0.4	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0737	Residential	Ground	S	55	50	55	50	55	50	56	51	0.5	0.4	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0737	Residential	Ground	E	50	45	50	45	50	45	51	46	0.5	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0737	Residential	Ground	N	51	46	52	47	52	47	52	47	0.5	0.6	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0738	Residential	Ground	W	50	46	51	46	51	46	52	47	0.8	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0738	Residential	Ground	S	55	50	55	50	55	50	56	51	0.4	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0738	Residential	Ground	E	52	47	53	48	52	47	53	49	0.8	0.9	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0738	Residential	Ground	N	51	46	52	47	52	47	53	48	0.5	0.6	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0739	Residential	Ground	W	53	47	53	48	53	48	54	49	0.4	0.4	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0739	Residential	Ground	N	51	46	52	47	52	47	52	47	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0739	Residential	Ground	W	55	50	55	50	55	50	56	51	0.3	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0739	Residential	Ground	S	55	50	56	51	56	51	56	51	0.5	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0739	Residential	Ground	S	55	50	55	50	55	50	56	51	0.5	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0739	Residential	Ground	S	55	50	56	51	55	50	56	51	0.6	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0739	Residential	Ground	E	52	47	53	48	53	48	54	49	1	0.9	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0739	Residential	Ground	N	51	46	52	47	52	46	52	47	0.6	0.7	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0740	Residential	Ground	E	52	47	53	48	52	47	54	49	1.1	1	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0740	Residential	Ground	N	51	46	52	47	51	46	52	47	0.7	0.7	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0740	Residential	Ground	W	55	50	55	50	55	50	56	51	0.2	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0740	Residential	Ground	W	54	49	54	49	54	49	55	50	0.4	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0740	Residential	Ground	W	53	48	54	49	54	48	54	49	0.4	0.5	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0740	Residential	Ground	W	53	48	54	49	54	48	54	49	0.5	0.5	0.6	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0740	Residential	Ground	S	51	46	52	47	51	46	52	47	0.6	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0740	Residential	Ground	E	52	47	53	48	52	47	53	49	0.9	0.9	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0740	Residential	Ground	N	50	45	51	46	50	45	51	47	0.7	0.8	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0740	Residential	Ground	E	50	45	51	46	51	46	52	47	0.9	0.8	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0740	Residential	Ground	S	51	46	52	47	51	46	52	48	0.8	0.8	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0741	Residential	Ground	N	51	46	52	47	51	46	52	48	0.8	0.8	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0741	Residential	Ground	W	54	49	54	49	54	49	55	50	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0741	Residential	Ground	W	52	47	52	47	53	48	53	48	0.2	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0741	Residential	Ground	W	55	50	55	50	55	50	56	51	0.4	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0741	Residential	Ground	S	50	45	51	46	51	45	52	47	0.7	0.8	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0741	Residential	Ground	E	52	47	53	48	52	48	54	49	1.2	1.2	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0741	Residential	Ground	N	50	45	51	46	51	46	52	47	1	1.1	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0741	Residential	Ground	E	50	45	51	46	51	46	52	47	1.1	1.1	1.4	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0742	Residential	Ground	W	53	48	53	48	53	48	54	49	0.2	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0742	Residential	Ground	S	48	43	49	44	49	43	50	45	0.9	0.9	1	1.2	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0742	Residential	Ground	E	50	46	51	47	51	46	52	48	1.1	1	1.3	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0742	Residential	Ground	N	49	44	50	44	50	44	50	45	0.4	0.5	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0742	Residential	Ground	N	48	42	48	43	48	43	49	43	0.2	0.3	0.4	0.5	60	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0742	Residential	Ground	N	48	43	48	43	48	43	49	44	0.2	0.3	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0769	Residential	Ground	NW	51	46	52	47	51	46	52	47	1	1.1	1.3	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0769	Residential	Ground	SW	51	47	53	48	52	47	53	49	1.4	1.3	1.6	1.8	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0769	Residential	Ground	SW	50	45	52	47	51	46	53	48	1.8	1.7	1.8	2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0769	Residential	Ground	SE	54	49	56	51	54	50	57	52	2.2	2.1	2.2	2.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0769	Residential	Ground	SE	54	49	56	51	55	50	57	52	2.2	2.1	2.2	2.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0769	Residential	Ground	NE	51	46	54	49	52	47	54	50	2.5	2.5	2.6	2.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0770	Residential	Ground	NW	51	46	52	47	51	46	52	48	1	1	1.2	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0770	Residential	Ground	SW	52	47	53	48	52	47	54	49	1.3	1.2	1.4	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0770	Residential	Ground	SE	54	49	56	51	54	49	56	52	2	2	2.2	2.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0770	Residential	Ground	NE	53	48	55	50	53	49	56	51	2.3	2.3	2.4	2.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0770	Residential	Ground	SE	54	49	56	51	54	50	56	52	2.2	2.1	2.2	2.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0770	Residential	Ground	NE	51	46	54	49	52	47	54	50	2.6	2.6	2.6	2.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0771	Residential	Ground	NW	49	44	50	45	49	44	50	46	0.9	0.8	1.1	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0771	Residential	Ground	NE	49	44	50	45	50	45	51	46	0.9	0.8	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0771	Residential	Ground	NW	51	46	51	46	51	46	52	47	0.7	0.6	0.9	1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0771	Residential	Ground	SW	54	49	55	50	54	50	56	51	1.5	1.3	1.6	1.8	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0771	Residential	Ground	SE	55	50	57	52	55	50	57	53	2	1.8	2.1	2.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0771	Residential	Ground	NE	53	48	55	50	53	49	56	51	2.2	2.2	2.3	2.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0771	Residential	Ground	SE	54	49	56	51	54	50	57	52	2.1	1.9	2.2	2.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0771	Residential	Ground	NE	52	48	55	50	53	48	55	51	2.2	2.2	2.2	2.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0772	Residential	Ground	W	52	47	53	48	52	47	53	49	1.1	1	1.3	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0772	Residential	Ground	S	52	48	54	49	53	48	54	50	1.1	1	1.2	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0772	Residential	Ground	E	53	49	55	50	54	49	56	51	1.5	1.4	1.6	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0772	Residential	Ground	N	51	46	52	47	51	46	52	48	1.2	1.1	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0773	Residential	Ground	NW	51	46	52	47	52	47	53	48	1	1	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0773	Residential	Ground	SW	52	47	53	48	52	48	54	49	0.9	0.8	1.1	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0773	Residential	Ground	SE	54	49	55	50	54	49	56	51	1.6	1.5	1.7	1.9	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0773	Residential	Ground	NE	52	47	54	49	52	48	55	50	2	2	2.2	2.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0774	Residential	Ground	NW	50	45	51	46	51	46	52	47	0.9	0.8	1.1	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0774	Residential	Ground	SW	53	48	54	49	53	49	55	50	1.2	1	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0774	Residential	Ground	SE	54	49	55	51	54	50	56	52	1.5	1.4	1.7	1.9	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0774	Residential	Ground	SE	54	49	55	50	54	50	56	51	1.5	1.3	1.6	1.8	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0774	Residential	Ground	SW	53	49	55	50	54	49	55	51	1.3	1.2	1.5	1.6	59	54	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04B	NCA04B.RES.0774	Residential	Ground	SW	54	49	55	50	55	50	56	51	1.3	1.1	1.5	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0774	Residential	Ground	SE	55	50	56	51	55	50	57	52	1.5	1.5	1.7	1.9	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0774	Residential	Ground	NE	52	47	54	49	53	48	55	50	1.9	1.8	2	2.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0775	Residential	Ground	NW	51	46	51	46	51	46	52	47	0.9	0.7	1.1	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0775	Residential	Ground	SW	51	47	53	48	52	47	53	49	1.1	1	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0775	Residential	Ground	SE	53	49	55	50	54	49	56	51	1.5	1.5	1.7	1.9	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0775	Residential	Ground	SE	53	49	55	50	54	49	56	51	1.5	1.5	1.7	1.8	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0775	Residential	Ground	SE	54	49	56	51	55	50	56	52	1.6	1.4	1.6	1.9	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0775	Residential	Ground	SE	54	49	56	51	55	50	56	52	1.6	1.5	1.7	1.9	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0775	Residential	Ground	NE	52	47	54	49	53	48	55	50	2	1.9	2.1	2.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0776	Residential	Ground	NW	51	46	52	47	52	47	53	48	1	1	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0776	Residential	Ground	SW	53	48	54	50	54	49	55	50	1.2	1.2	1.4	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0776	Residential	Ground	SE	54	49	56	51	54	50	56	52	2	1.9	2.1	2.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0776	Residential	Ground	SE	53	49	55	50	54	49	56	51	2	1.8	2.1	2.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0776	Residential	Ground	SE	54	49	55	51	54	50	56	52	1.7	1.6	1.9	2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0776	Residential	Ground	NE	51	46	53	48	52	47	53	49	1.5	1.5	1.6	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0777	Residential	Ground	W	51	46	52	47	52	47	53	48	1	1	1.2	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0777	Residential	Ground	W	50	45	50	45	50	45	51	46	0.8	0.8	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0777	Residential	Ground	W	51	47	52	47	52	47	53	48	1	0.9	1.2	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0777	Residential	Ground	W	51	46	52	47	52	47	53	48	1.1	1	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0777	Residential	Ground	S	50	45	51	47	51	46	52	47	1.4	1.4	1.6	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0777	Residential	Ground	E	53	49	55	50	54	49	56	51	1.8	1.7	1.9	2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0777	Residential	Ground	N	51	46	53	48	51	47	53	49	1.9	1.8	2	2.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0778	Residential	Ground	NW	50	46	51	46	51	46	52	47	0.8	0.7	1.1	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0778	Residential	Ground	SW	51	46	52	47	51	46	52	48	1.1	1.1	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0778	Residential	Ground	SE	53	48	55	50	54	49	55	51	1.6	1.5	1.7	1.9	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0778	Residential	Ground	SE	53	49	55	50	54	49	56	51	1.6	1.5	1.8	1.9	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0778	Residential	Ground	SE	54	49	56	51	54	50	56	52	1.6	1.6	1.8	1.9	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0778	Residential	Ground	NE	52	47	54	49	53	48	55	50	2.1	2.1	2.1	2.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0779	Residential	Ground	NW	51	46	52	47	51	46	52	48	0.9	0.9	1	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0779	Residential	Ground	NW	50	45	51	46	51	46	52	47	1	0.9	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0779	Residential	Ground	NW	51	46	52	47	51	46	52	48	0.9	0.9	1.2	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0779	Residential	Ground	SW	53	48	55	50	54	49	55	51	1.4	1.3	1.6	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0779	Residential	Ground	SE	53	49	55	50	54	49	56	51	1.6	1.5	1.8	2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0779	Residential	Ground	NE	51	46	52	47	51	46	52	48	1.1	1.1	1.3	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0780	Residential	Ground	NW	50	45	51	46	50	46	52	47	0.8	0.8	1.1	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0780	Residential	Ground	SW	52	47	53	48	53	48	54	49	1.1	1	1.3	1.4	59	54	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04B	NCA04B.RES.0780	Residential	Ground	SE	54	49	56	51	54	49	56	52	2	2	2.2	2.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0780	Residential	Ground	SE	53	48	55	50	54	49	56	51	2.1	2	2.2	2.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0780	Residential	Ground	SE	54	49	56	51	54	50	56	52	2	1.8	2	2.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0780	Residential	Ground	SE	54	49	55	51	54	49	56	52	1.8	1.8	2	2.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0780	Residential	Ground	SE	54	49	56	51	54	50	56	52	1.7	1.7	1.9	2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0780	Residential	Ground	NE	50	45	52	47	51	46	52	48	1.5	1.4	1.6	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0781	Residential	Ground	NW	50	45	51	46	50	45	51	46	0.8	0.8	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0781	Residential	Ground	NE	49	44	49	44	49	44	50	45	0.8	0.8	1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0781	Residential	Ground	NW	51	46	51	47	51	46	52	47	0.9	1	1.2	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0781	Residential	Ground	SW	50	46	51	46	51	46	52	47	0.9	0.9	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0781	Residential	Ground	NW	50	45	51	46	51	46	52	47	0.9	0.8	1.1	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0781	Residential	Ground	SW	50	46	52	47	51	46	52	48	1.4	1.3	1.6	1.8	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0781	Residential	Ground	SE	54	49	55	51	54	50	56	51	1.7	1.6	1.8	1.9	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0781	Residential	Ground	SE	53	48	55	50	54	49	56	51	1.9	1.9	2.1	2.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0781	Residential	Ground	SE	54	49	56	51	54	50	56	52	1.9	1.7	2	2.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0781	Residential	Ground	SE	54	49	56	51	54	50	56	52	1.8	1.8	2	2.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0781	Residential	Ground	SE	54	49	56	51	54	50	56	52	1.6	1.5	1.8	1.9	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0781	Residential	Ground	NE	51	46	52	48	51	47	53	48	1.6	1.6	1.7	1.9	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0782	Residential	Ground	NW	51	45	51	46	51	46	52	47	0.5	0.7	0.7	1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0782	Residential	Ground	NW	50	44	50	45	50	45	51	46	0.5	0.6	0.6	0.9	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0782	Residential	Ground	NW	51	46	52	47	51	46	52	47	0.7	0.8	0.9	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0782	Residential	Ground	SE	53	48	55	50	54	49	56	51	1.7	1.6	1.8	1.9	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0782	Residential	Ground	SE	54	49	55	51	54	50	56	52	1.7	1.6	1.8	1.9	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0782	Residential	Ground	NE	52	47	54	49	52	48	54	50	1.8	1.7	1.8	2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0782	Residential	Ground	NE	51	46	52	48	52	47	53	48	1.4	1.5	1.6	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0783	Residential	Ground	NW	52	46	52	47	52	47	53	48	0.4	0.7	0.5	0.9	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0783	Residential	Ground	NW	51	46	52	47	52	47	53	48	0.8	0.7	1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0783	Residential	Ground	SW	53	48	54	49	53	49	55	50	1.3	1.2	1.5	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0783	Residential	Ground	SE	55	50	56	51	55	50	57	52	1.7	1.8	1.8	2.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0783	Residential	Ground	S	55	50	57	52	55	50	57	52	1.7	1.8	1.8	2.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0783	Residential	Ground	SE	55	50	57	52	56	51	57	53	1.6	1.7	1.6	2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0783	Residential	Ground	NE	55	49	56	51	56	50	57	52	1.3	1.6	1.2	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0783	Residential	Ground	NE	55	49	56	51	55	50	56	51	1.3	1.7	1.3	1.8	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0783	Residential	Ground	NE	55	49	56	51	56	50	57	52	1.2	1.6	1.2	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0784	Residential	Ground	NW	51	46	52	47	51	46	52	48	0.7	0.8	0.9	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0784	Residential	Ground	SW	53	48	54	49	53	49	55	50	1.4	1.2	1.6	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0784	Residential	Ground	SE	52	47	54	49	53	48	54	50	1.1	1.1	1.3	1.5	59	54	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04B	NCA04B.RES.0784	Residential	Ground	NE	54	48	55	49	54	49	55	50	0.9	1.3	0.9	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0784	Residential	Ground	NW	51	45	51	46	51	46	52	47	0.4	0.6	0.5	0.8	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0784	Residential	Ground	NE	50	45	51	45	51	45	51	46	0.4	0.5	0.5	0.9	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0784	Residential	Ground	SE	53	47	54	49	53	48	55	50	1.3	1.6	1.3	1.8	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0784	Residential	Ground	NE	55	49	56	51	55	50	57	52	1.2	1.6	1.2	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0785	Residential	Ground	NW	52	46	52	47	52	47	53	48	0.4	0.6	0.6	0.9	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0785	Residential	Ground	SW	52	47	53	49	53	48	54	50	1.3	1.2	1.5	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0785	Residential	Ground	SE	52	47	54	49	53	48	54	50	1.4	1.2	1.6	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0785	Residential	Ground	SW	52	47	54	49	53	48	54	50	1.4	1.2	1.5	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0785	Residential	Ground	SW	53	48	54	49	53	49	55	50	1.4	1.3	1.6	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0785	Residential	Ground	SE	53	48	55	50	54	49	55	51	1.3	1.3	1.3	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0785	Residential	Ground	NE	56	50	57	51	56	50	57	52	1.1	1.5	1.1	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0785	Residential	Ground	NE	55	49	56	51	56	50	57	52	1.1	1.5	1	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0785	Residential	Ground	NE	54	48	55	50	55	49	56	51	1.1	1.6	1.1	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0785	Residential	Ground	NE	55	49	56	50	55	49	56	51	1.1	1.6	1.1	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0785	Residential	Ground	NE	54	49	56	50	55	49	56	51	1.2	1.6	1.2	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0785	Residential	Ground	NE	55	49	56	51	56	50	57	52	1.1	1.6	1.1	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0786	Residential	Ground	NW	53	47	53	47	53	48	54	48	0.2	0.5	0.3	0.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0786	Residential	Ground	NW	52	46	53	47	53	47	53	48	0.5	0.6	0.5	0.9	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0786	Residential	Ground	SW	51	46	52	47	52	47	53	48	1.2	1	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0786	Residential	Ground	SW	50	45	51	46	51	46	52	47	1	0.9	1.2	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0786	Residential	Ground	SW	53	48	54	49	53	48	55	50	1.4	1.2	1.6	1.8	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0786	Residential	Ground	SE	53	48	54	49	54	49	55	50	1.1	1.1	1.3	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0786	Residential	Ground	NE	53	48	54	48	54	48	54	49	0.7	0.8	0.7	1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0786	Residential	Ground	SE	53	47	54	48	54	48	54	49	0.7	0.9	0.7	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0786	Residential	Ground	NE	54	49	56	50	55	49	56	51	1.3	1.6	1.3	1.8	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0786	Residential	Ground	SE	54	49	56	50	55	49	56	51	1.4	1.7	1.4	1.9	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0786	Residential	Ground	NE	55	49	56	51	56	50	57	52	1.2	1.5	1.1	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0787	Residential	Ground	W	52	47	53	48	52	48	54	49	0.9	0.8	1.2	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0787	Residential	Ground	S	52	47	53	48	52	47	54	49	1.1	1	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0787	Residential	Ground	E	54	49	55	50	54	49	56	51	1.7	1.6	1.9	2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0787	Residential	Ground	N	52	47	53	48	52	47	54	49	1.6	1.5	1.7	1.8	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0788	Residential	Ground	W	52	47	53	48	52	47	53	49	1	0.9	1.2	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0788	Residential	Ground	S	50	45	52	48	50	46	53	48	2.5	2.5	2.6	2.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0788	Residential	Ground	E	54	49	56	51	54	50	56	52	2	1.9	2	2.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0788	Residential	Ground	N	51	46	52	48	51	47	53	48	1.6	1.5	1.7	1.9	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0789	Residential	Ground	W	51	47	52	47	52	47	53	48	0.8	0.8	1.1	1.2	59	54	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0789	Residential	Ground	N	50	45	51	46	50	45	51	47	0.7	0.6	1	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0789	Residential	Ground	W	52	48	53	48	53	48	54	49	1.1	0.9	1.3	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0789	Residential	Ground	S	51	47	52	48	52	47	53	49	1.1	1	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0789	Residential	Ground	E	53	48	54	50	54	49	55	51	1.3	1.1	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0789	Residential	Ground	N	52	47	53	48	52	47	53	49	1.3	1.2	1.4	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0790	Residential	Ground	W	51	46	52	47	52	47	53	48	0.9	0.8	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0790	Residential	Ground	W	51	47	52	47	52	47	53	48	0.9	0.7	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0790	Residential	Ground	W	51	46	52	47	52	47	53	48	0.8	0.8	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0790	Residential	Ground	S	53	49	55	50	54	49	55	51	1.4	1.2	1.6	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0790	Residential	Ground	E	53	49	55	50	54	49	56	51	1.7	1.5	1.7	2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0790	Residential	Ground	E	52	48	54	49	53	48	55	50	1.8	1.7	1.8	2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0790	Residential	Ground	E	53	48	55	50	54	49	55	51	1.5	1.5	1.7	1.8	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0790	Residential	Ground	N	52	46	53	48	52	47	53	49	1.2	1.3	1.3	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0790	Residential	Ground	N	51	46	52	47	52	47	53	48	1.2	1.1	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0790	Residential	Ground	N	52	46	53	48	52	47	53	48	1.1	1.1	1.2	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0791	Residential	Ground	NW	53	47	53	48	53	48	54	48	0.4	0.6	0.5	0.8	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0791	Residential	Ground	SW	51	46	52	47	52	47	53	48	0.9	0.8	1.1	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0791	Residential	Ground	SE	51	46	52	47	52	47	53	48	0.9	0.8	1.1	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0791	Residential	Ground	SW	51	46	52	47	52	47	53	48	0.9	0.8	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0791	Residential	Ground	SE	53	47	53	48	53	48	54	49	0.6	0.7	0.7	1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0791	Residential	Ground	NE	55	49	56	51	56	50	57	52	1.1	1.5	1.1	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0791	Residential	Ground	NE	55	49	56	51	56	50	57	52	1	1.5	1	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0791	Residential	Ground	NE	55	49	56	50	55	50	56	51	1.1	1.6	1.1	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0791	Residential	Ground	NE	55	49	56	51	56	50	57	52	1	1.4	1	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0792	Residential	Ground	NW	51	45	51	46	51	46	52	47	0.7	0.7	0.9	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0792	Residential	Ground	SW	50	45	51	46	51	46	52	47	0.9	0.8	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0792	Residential	Ground	SE	51	46	52	47	51	46	52	48	0.9	0.8	1.1	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0792	Residential	Ground	SW	51	46	52	47	51	47	53	48	1	0.7	1.1	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0792	Residential	Ground	SE	54	48	55	50	54	49	56	51	1.3	1.7	1.4	1.9	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0792	Residential	Ground	NE	55	49	56	51	56	50	57	52	1	1.5	0.9	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0792	Residential	Ground	NW	53	47	53	47	53	47	53	48	0.2	0.4	0.2	0.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0792	Residential	Ground	NE	52	46	52	47	53	47	53	48	0.2	0.4	0.2	0.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0792	Residential	First	NW	56	50	57	52	56	51	58	53	1.5	1.6	1.6	1.9	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0792	Residential	First	SW	54	49	56	50	55	50	56	51	1.2	1.1	1.3	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0792	Residential	First	SE	55	50	56	51	55	50	56	52	1.1	1.1	1.2	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0792	Residential	First	SW	55	50	56	51	55	50	56	52	1.1	1	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0792	Residential	First	SE	56	51	57	52	57	51	58	53	1.2	1.5	1.3	1.7	59	54	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0792	Residential	First	NE	57	52	58	53	58	52	59	54	1.1	1.3	1	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0792	Residential	First	NW	57	51	58	53	57	52	58	54	1.2	1.5	1.3	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0792	Residential	First	NE	56	51	58	53	57	52	58	53	1.3	1.5	1.3	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0793	Residential	Ground	NW	51	45	51	45	51	45	51	46	0.3	0.5	0.4	0.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0793	Residential	Ground	SW	47	43	48	44	48	43	49	44	1.1	1	1.3	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0793	Residential	Ground	SE	52	47	53	48	53	48	54	49	0.7	0.6	0.9	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0793	Residential	Ground	NE	54	48	55	50	55	49	56	51	1.1	1.6	1	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0793	Residential	Ground	NE	54	48	55	49	54	48	55	50	1.2	1.8	1.2	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0793	Residential	Ground	NE	55	48	56	50	55	49	56	51	1	1.6	1	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0794	Residential	Ground	NW	52	46	52	47	53	47	53	48	0.3	0.4	0.3	0.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0794	Residential	Ground	SW	52	47	52	48	52	47	53	49	0.9	0.7	1.1	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0794	Residential	Ground	NW	51	46	52	47	51	47	52	48	0.9	0.8	1.1	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0794	Residential	Ground	SW	52	47	53	48	53	48	54	49	1	0.9	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0794	Residential	Ground	SE	54	49	56	51	55	50	57	52	1.5	1.6	1.6	1.9	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0794	Residential	Ground	NE	55	49	56	50	56	50	56	51	1	1.5	0.9	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0795	Residential	Ground	NW	51	46	52	47	51	46	52	48	1	0.9	1.2	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0795	Residential	Ground	SW	52	48	53	48	53	48	54	49	1	0.8	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0795	Residential	Ground	SE	52	48	53	48	53	48	54	49	0.9	0.7	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0795	Residential	Ground	NE	51	46	52	47	51	47	53	48	1	0.9	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0797	Residential	Ground	N	54	49	55	50	54	50	56	51	1.4	1.4	1.5	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0797	Residential	Ground	W	54	49	54	49	54	49	55	51	0.7	0.6	1	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0797	Residential	Ground	W	52	47	53	48	53	48	54	49	0.7	0.5	1	1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0797	Residential	Ground	W	55	50	55	51	55	50	56	52	0.9	0.7	1.2	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0797	Residential	Ground	S	56	51	57	52	56	52	57	53	1	0.7	1.1	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0797	Residential	Ground	E	54	50	55	50	55	50	56	51	0.9	0.7	1.1	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0797	Residential	Ground	E	53	48	54	49	53	49	54	50	0.8	0.6	1	1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0797	Residential	Ground	E	54	49	55	50	54	50	56	51	1	0.9	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0804	Residential	Ground	W	54	49	55	49	55	50	55	50	0.2	0.2	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0804	Residential	Ground	N	54	48	54	49	54	49	55	49	0.2	0.3	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0804	Residential	Ground	W	57	52	58	53	58	53	58	53	0.2	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0804	Residential	Ground	E	54	49	55	50	54	49	55	50	0.7	0.8	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0804	Residential	Ground	N	54	49	54	49	54	49	55	50	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0805	Residential	Ground	W	58	53	58	53	59	54	59	54	0.1	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0805	Residential	Ground	S	58	53	58	53	59	54	59	54	0.2	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0805	Residential	Ground	W	58	53	58	53	59	54	59	54	0.1	0.2	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0805	Residential	Ground	S	56	50	56	51	56	51	57	52	0.3	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0805	Residential	Ground	E	54	49	55	50	54	49	55	51	0.7	0.7	1	1.1	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0805	Residential	Ground	N	55	49	55	50	55	50	55	50	0.2	0.3	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0806	Residential	Ground	W	56	51	56	51	56	51	57	52	0.4	0.4	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0806	Residential	Ground	S	55	50	56	51	56	51	56	51	0.3	0.3	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0806	Residential	Ground	E	53	48	54	49	54	49	55	50	0.7	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0806	Residential	Ground	N	54	49	54	49	54	49	55	50	0.3	0.4	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0807	Residential	Ground	W	55	50	55	50	55	50	56	51	0.4	0.4	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0807	Residential	Ground	S	57	52	57	52	57	52	58	53	0.5	0.5	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0807	Residential	Ground	S	56	51	57	52	56	52	57	53	0.5	0.5	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0807	Residential	Ground	S	56	52	57	52	57	52	58	53	0.5	0.6	0.8	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0807	Residential	Ground	E	54	49	55	51	55	50	56	51	1	1.1	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0807	Residential	Ground	N	54	49	54	49	54	49	55	50	0.4	0.5	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0807	Residential	Ground	NE	50	45	51	46	51	46	52	47	0.5	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0807	Residential	Ground	NE	51	46	51	46	51	46	52	47	0.4	0.5	0.7	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0807	Residential	Ground	E	52	47	52	47	52	47	53	48	0.7	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0807	Residential	Ground	N	55	49	55	50	55	50	56	50	0.4	0.5	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0808	Residential	Ground	N	53	48	54	49	54	49	54	49	0.4	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0808	Residential	Ground	W	56	51	57	52	57	51	57	52	0.3	0.3	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0808	Residential	Ground	S	56	51	56	51	56	51	57	52	0.3	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0808	Residential	Ground	W	56	51	56	51	56	51	57	52	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0808	Residential	Ground	S	55	49	55	50	55	50	56	51	0.4	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0808	Residential	Ground	E	55	50	56	51	55	50	57	52	1	1	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0808	Residential	Ground	E	55	50	56	51	55	50	56	52	1.1	1.1	1.3	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0808	Residential	Ground	E	55	50	56	51	55	50	57	52	1	1	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0808	Residential	Ground	E	54	49	55	50	55	50	56	51	1	1.1	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0809	Residential	Ground	W	58	53	58	53	58	53	58	53	0.1	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0809	Residential	Ground	S	55	50	56	51	56	51	57	52	0.4	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0809	Residential	Ground	E	55	50	55	50	55	50	56	51	0.6	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0809	Residential	Ground	NE	53	48	53	48	53	48	54	49	0.5	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0809	Residential	Ground	E	54	49	55	50	54	49	55	50	0.7	0.6	0.9	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0809	Residential	Ground	N	55	50	55	50	55	50	56	51	0.2	0.2	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0810	Residential	Ground	W	56	51	56	51	56	51	57	52	0.3	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0810	Residential	Ground	S	56	51	56	51	56	51	57	52	0.4	0.4	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0810	Residential	Ground	E	55	50	56	51	55	51	57	52	1	1	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0810	Residential	Ground	N	53	48	54	49	54	49	54	49	0.4	0.5	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0811	Residential	Ground	W	58	53	58	53	58	53	59	54	0.2	0.2	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0811	Residential	Ground	W	58	53	58	53	58	54	59	54	0.1	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0811	Residential	Ground	W	58	53	58	53	58	53	59	54	0.2	0.2	0.6	0.6	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04B	NCA04B.RES.0811	Residential	Ground	S	56	51	56	51	56	51	57	52	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0811	Residential	Ground	S	55	50	55	50	55	50	56	51	0.3	0.4	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0811	Residential	Ground	S	55	50	55	50	55	50	56	51	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0811	Residential	Ground	E	54	49	55	50	55	50	55	51	0.5	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0811	Residential	Ground	N	53	48	53	48	53	48	54	49	0.5	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0811	Residential	Ground	E	54	49	54	49	54	49	55	50	0.6	0.5	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0811	Residential	Ground	N	54	49	54	49	55	49	55	50	0.3	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0812	Residential	Ground	W	58	53	58	53	58	54	59	54	0.1	0.2	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0812	Residential	Ground	S	57	52	58	53	58	53	58	53	0.2	0.2	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0812	Residential	Ground	E	55	50	56	51	55	50	56	52	0.6	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0812	Residential	Ground	N	54	49	54	49	54	49	55	50	0.2	0.3	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0813	Residential	Ground	W	57	52	57	52	57	52	58	53	0.2	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0813	Residential	Ground	S	54	49	54	49	54	49	55	50	0.3	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0813	Residential	Ground	E	56	51	57	53	57	52	58	53	1.1	1.1	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0813	Residential	Ground	N	54	49	54	49	54	49	55	50	0.6	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0813	Residential	Ground	E	55	50	56	51	55	50	56	52	0.7	0.8	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0813	Residential	Ground	N	54	49	55	49	55	49	55	50	0.3	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0828	Residential	Ground	W	58	53	58	53	58	53	59	54	0.5	0.7	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0828	Residential	Ground	S	58	53	59	54	58	54	59	55	0.5	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0828	Residential	Ground	E	56	51	57	52	57	52	58	53	0.9	0.8	1.1	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0828	Residential	Ground	N	54	49	55	50	55	50	55	50	0.3	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0829	Residential	Ground	W	58	53	58	53	58	53	59	54	0.5	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0829	Residential	Ground	S	57	52	58	53	58	53	59	54	0.6	0.7	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0829	Residential	Ground	E	55	51	56	51	56	51	57	52	0.8	0.8	1.1	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0829	Residential	Ground	N	54	49	54	49	54	49	55	50	0.3	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0830	Residential	Ground	W	56	51	57	52	57	52	58	53	0.6	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0830	Residential	Ground	S	58	53	59	54	58	53	59	55	0.9	0.9	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0830	Residential	Ground	E	58	53	59	54	59	54	60	55	1	1.1	1.3	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0830	Residential	Ground	E	58	53	59	54	58	53	60	55	1	1	1.2	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0830	Residential	Ground	E	58	53	59	54	58	53	59	55	0.9	1	1.2	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0830	Residential	Ground	N	54	49	54	49	54	49	55	50	0.4	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0831	Residential	Ground	N	53	48	54	49	54	49	55	50	0.6	0.7	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0831	Residential	Ground	W	56	51	57	52	57	51	58	53	0.6	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0831	Residential	Ground	S	57	52	58	53	58	53	59	54	0.7	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0831	Residential	Ground	E	57	52	58	53	57	52	59	54	0.9	1	1.2	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0832	Residential	Ground	W	57	52	58	53	58	53	58	54	0.4	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0832	Residential	Ground	S	56	51	57	52	57	52	57	53	0.4	0.4	0.7	0.9	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04B	NCA04B.RES.0832	Residential	Ground	E	55	50	55	50	55	50	56	51	0.7	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0832	Residential	Ground	N	54	49	54	49	54	49	55	50	0.4	0.5	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0833	Residential	Ground	W	56	51	56	51	56	51	57	52	0.4	0.5	0.8	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0833	Residential	Ground	S	55	50	55	50	55	50	56	51	0.7	0.7	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0833	Residential	Ground	E	57	52	58	53	57	52	59	54	1	1	1.3	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0833	Residential	Ground	N	53	48	54	49	54	49	54	50	0.7	0.7	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0833	Residential	Ground	E	53	48	53	49	53	48	54	49	0.7	0.7	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0833	Residential	Ground	N	53	48	54	49	54	49	55	50	0.7	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0833	Residential	Ground	E	53	49	54	49	54	49	55	50	0.7	0.7	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0833	Residential	Ground	N	54	49	54	50	54	49	55	50	0.7	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0833	Residential	Ground	N	53	48	53	49	53	48	54	49	0.7	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0833	Residential	Ground	N	53	48	54	49	54	49	55	50	0.6	0.7	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0834	Residential	Ground	W	57	52	57	52	57	52	58	53	0.5	0.5	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0834	Residential	Ground	W	57	52	58	53	58	53	58	54	0.6	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0834	Residential	Ground	W	57	52	57	53	57	52	58	53	0.5	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0834	Residential	Ground	W	57	52	58	53	58	53	58	54	0.6	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0834	Residential	Ground	S	55	50	55	50	55	50	56	51	0.4	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0834	Residential	Ground	E	55	50	56	51	55	50	56	52	0.7	0.7	1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0834	Residential	Ground	N	53	48	54	49	54	49	54	49	0.4	0.4	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0835	Residential	Ground	W	52	47	52	47	52	47	53	48	0.5	0.5	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0835	Residential	Ground	N	53	47	53	48	53	48	54	49	0.4	0.5	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0835	Residential	Ground	W	55	50	56	51	56	50	56	51	0.5	0.6	0.8	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0835	Residential	Ground	S	55	51	56	51	56	51	57	52	0.7	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0835	Residential	Ground	E	56	51	57	52	57	52	58	53	1	1	1.3	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0835	Residential	Ground	N	53	48	53	48	53	48	54	49	0.7	0.7	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0836	Residential	Ground	W	57	52	58	53	57	52	58	53	0.5	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0836	Residential	Ground	S	54	49	54	49	54	49	55	50	0.5	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0836	Residential	Ground	E	55	50	56	51	56	51	57	52	0.9	0.9	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0836	Residential	Ground	N	52	48	53	48	53	48	54	49	0.6	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0836	Residential	Ground	E	54	49	54	50	54	49	55	50	0.7	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0836	Residential	Ground	N	54	48	54	49	54	49	55	50	0.4	0.5	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0837	Residential	Ground	W	55	50	55	50	55	50	56	51	0.5	0.5	0.7	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0837	Residential	Ground	W	54	48	54	49	54	49	55	50	0.3	0.4	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0837	Residential	Ground	W	54	49	55	50	55	49	55	50	0.4	0.5	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0837	Residential	Ground	S	55	50	55	50	55	50	56	51	0.6	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0837	Residential	Ground	E	56	51	57	52	56	51	58	53	1	1	1.3	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0837	Residential	Ground	E	53	48	54	49	54	49	55	50	0.8	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04B	NCA04B.RES.0837	Residential	Ground	E	55	50	56	51	56	51	57	52	0.9	1	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0837	Residential	Ground	N	53	48	53	48	53	48	54	49	0.5	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0838	Residential	Ground	W	54	49	55	50	54	49	55	51	0.7	0.7	1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0838	Residential	Ground	S	55	50	55	51	55	50	56	51	0.7	0.8	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0838	Residential	Ground	S	54	49	55	50	54	49	55	51	1.1	1.1	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0838	Residential	Ground	S	54	49	55	50	54	50	56	51	1.1	1	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0838	Residential	Ground	E	55	50	56	52	56	51	57	52	1.1	1.1	1.4	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0838	Residential	Ground	N	53	48	54	49	53	48	54	50	0.9	0.9	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0838	Residential	Ground	E	54	49	55	50	54	49	55	51	0.9	0.9	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0838	Residential	Ground	N	52	47	53	48	53	48	54	49	0.7	0.7	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0839	Residential	Ground	W	57	52	57	52	57	52	58	53	0.5	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0839	Residential	Ground	S	57	52	57	52	57	52	58	53	0.5	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0839	Residential	Ground	E	54	49	55	50	54	49	55	50	0.8	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0839	Residential	Ground	N	54	48	54	49	54	49	55	50	0.4	0.5	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0840	Residential	Ground	W	56	52	57	52	57	52	58	53	0.8	0.8	1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0840	Residential	Ground	S	56	51	57	52	56	51	58	53	0.9	0.8	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0840	Residential	Ground	E	55	50	56	51	56	51	57	52	1	1	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0840	Residential	Ground	N	53	48	54	49	53	48	54	50	0.7	0.7	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0840	Residential	Ground	W	53	48	54	48	54	48	54	49	0.4	0.4	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0840	Residential	Ground	N	53	48	53	48	53	48	54	49	0.4	0.5	0.6	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0841	Residential	Ground	W	56	51	57	52	56	51	58	53	0.8	0.9	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0841	Residential	Ground	S	56	51	56	52	56	51	57	52	0.6	0.7	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0841	Residential	Ground	W	55	50	56	51	56	51	57	52	0.6	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0841	Residential	Ground	S	53	48	54	49	54	49	55	50	0.7	0.7	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0841	Residential	Ground	E	55	50	56	51	55	50	56	52	1	0.9	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0841	Residential	Ground	E	54	49	55	50	55	50	56	51	1	1	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0841	Residential	Ground	E	55	50	56	52	56	51	57	52	1.3	1.3	1.5	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0841	Residential	Ground	N	53	48	54	49	53	48	55	50	1.3	1.3	1.4	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0842	Residential	Ground	W	56	51	56	51	56	51	57	52	0.7	0.9	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0842	Residential	Ground	S	56	51	57	52	56	52	58	53	1.1	1	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0842	Residential	Ground	E	55	50	56	51	55	50	57	52	1.4	1.3	1.5	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0842	Residential	Ground	N	53	48	54	49	54	49	55	50	1.1	1.1	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0843	Residential	Ground	W	55	50	56	51	56	51	57	52	0.7	0.8	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0843	Residential	Ground	S	55	50	56	51	56	51	56	52	0.6	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0843	Residential	Ground	W	55	50	55	50	55	50	56	51	0.5	0.6	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0843	Residential	Ground	S	54	49	56	51	55	50	56	52	1.2	1.2	1.4	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0843	Residential	Ground	E	55	50	57	52	55	50	57	53	1.8	1.8	2.1	2.3	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0843	Residential	Ground	E	55	50	57	52	55	50	57	53	1.9	1.9	2.1	2.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0843	Residential	Ground	E	55	51	57	53	56	51	58	54	1.9	1.9	2.2	2.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0843	Residential	Ground	N	53	48	54	49	53	48	54	49	0.8	0.8	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0844	Residential	Ground	W	56	51	57	52	56	51	57	52	0.8	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0844	Residential	Ground	S	53	48	54	49	53	48	54	50	1	1.1	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0844	Residential	Ground	E	54	50	56	51	55	50	57	52	1.5	1.5	1.8	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0844	Residential	Ground	N	53	48	54	49	53	48	54	50	0.8	0.9	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0845	Residential	Ground	W	55	50	56	51	55	50	56	52	0.7	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0845	Residential	Ground	W	55	50	56	51	56	51	57	52	0.7	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0845	Residential	Ground	W	55	50	55	50	55	50	56	51	0.5	0.5	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0845	Residential	Ground	W	55	50	56	51	55	50	56	52	0.7	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0845	Residential	Ground	S	53	48	54	49	54	49	55	50	0.8	0.8	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0845	Residential	Ground	E	54	49	56	51	54	50	56	52	1.6	1.6	1.9	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0845	Residential	Ground	N	53	48	54	49	54	49	55	50	0.9	1	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0846	Residential	Ground	N	51	46	52	47	51	46	53	48	1.2	1.2	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0846	Residential	Ground	W	52	47	53	48	53	48	54	49	1.2	1	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0846	Residential	Ground	S	55	50	57	52	56	51	57	53	1.5	1.3	1.6	1.8	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0846	Residential	Ground	S	55	50	56	51	55	50	57	52	1.5	1.3	1.6	1.8	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0846	Residential	Ground	S	55	50	56	52	55	51	57	53	1.5	1.3	1.7	1.8	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0846	Residential	Ground	S	55	50	56	51	55	50	57	52	1.5	1.3	1.7	1.8	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0846	Residential	Ground	S	55	50	56	52	55	51	57	53	1.4	1.3	1.6	1.8	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0846	Residential	Ground	E	52	48	53	48	53	48	54	50	1.1	0.9	1.3	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0846	Residential	Ground	N	50	45	51	46	51	46	52	47	1.2	1.1	1.4	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0846	Residential	Ground	N	50	45	51	46	50	45	52	47	1.3	1.2	1.5	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0847	Residential	Ground	W	51	46	52	47	52	47	53	48	1	0.7	1.2	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0847	Residential	Ground	S	55	50	56	51	55	51	57	52	1.3	1	1.5	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0847	Residential	Ground	E	52	47	53	48	53	48	54	49	1	0.8	1.2	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0847	Residential	Ground	N	51	46	52	47	51	47	53	48	1.5	1.4	1.6	1.8	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0847	Residential	Ground	E	51	46	53	48	52	47	53	49	1.5	1.4	1.6	1.8	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0847	Residential	Ground	N	52	47	53	49	52	48	54	49	1.6	1.6	1.8	1.9	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0847	Residential	Ground	E	52	48	54	49	53	48	55	50	1.5	1.5	1.7	1.8	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0847	Residential	Ground	N	52	47	53	49	52	48	54	49	1.6	1.6	1.8	1.8	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0848	Residential	Ground	W	50	45	51	46	50	46	51	47	0.8	0.6	1	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0848	Residential	Ground	N	50	45	51	46	51	46	52	47	0.7	0.7	1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0848	Residential	Ground	W	52	47	53	48	53	48	54	49	1.1	0.9	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0848	Residential	Ground	S	55	50	56	51	56	51	57	53	1.3	1.1	1.5	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0848	Residential	Ground	E	52	48	53	48	53	48	54	50	0.9	0.7	1.2	1.3	59	54	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0848	Residential	Ground	N	51	46	53	48	52	47	53	49	1.5	1.4	1.6	1.8	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0849	Residential	Ground	W	51	46	52	47	52	47	53	48	0.9	0.7	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0849	Residential	Ground	S	55	50	56	51	55	51	57	52	1.2	1	1.4	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0849	Residential	Ground	E	54	49	55	50	55	50	56	52	1.3	1.1	1.5	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0849	Residential	Ground	S	54	50	56	51	55	50	56	52	1.3	1	1.4	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0849	Residential	Ground	E	53	49	54	50	54	49	55	51	1.1	0.9	1.2	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0849	Residential	Ground	N	51	47	53	48	52	47	53	49	1.3	1.2	1.5	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0850	Residential	Ground	W	53	48	54	49	53	49	55	50	1	0.8	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0850	Residential	Ground	W	54	49	55	50	54	50	56	51	1	0.8	1.3	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0850	Residential	Ground	S	55	50	56	51	56	51	57	52	1.2	1.1	1.5	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0850	Residential	Ground	S	54	50	56	51	55	50	56	52	1.3	1.1	1.5	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0850	Residential	Ground	S	55	50	56	51	55	51	57	52	1.3	1.1	1.5	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0850	Residential	Ground	E	53	49	54	49	54	49	55	51	1	0.8	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0850	Residential	Ground	N	51	47	53	48	52	47	53	49	1.3	1.2	1.5	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0851	Residential	Ground	NW	52	47	52	47	52	47	53	48	0.7	0.7	0.9	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0851	Residential	Ground	SW	50	45	51	46	50	46	52	47	1	0.9	1.2	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0851	Residential	Ground	SE	53	48	54	49	53	49	55	50	1.2	1.1	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0851	Residential	Ground	SW	53	48	54	49	54	49	55	50	1.2	1	1.3	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0851	Residential	Ground	SE	54	49	55	50	54	49	55	51	1	1	1.1	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0851	Residential	Ground	NE	55	49	56	50	55	50	56	51	1.2	1.5	1.2	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0852	Residential	Ground	NW	53	48	53	48	53	48	54	49	0.6	0.6	0.7	1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0852	Residential	Ground	SW	52	47	53	48	53	48	54	49	0.9	0.8	1.1	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0852	Residential	Ground	SW	52	47	53	48	52	48	53	49	1	0.7	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0852	Residential	Ground	SW	51	46	52	47	52	47	53	48	0.9	0.7	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0852	Residential	Ground	W	51	47	52	47	52	47	53	48	0.8	0.7	1.2	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0852	Residential	Ground	SW	53	48	54	49	53	49	55	50	1.1	0.9	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0852	Residential	Ground	SE	53	48	54	49	54	49	55	50	1	0.8	1	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0852	Residential	Ground	NE	54	49	55	50	55	49	56	51	1	1.4	1	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0852	Residential	Ground	SE	54	48	55	50	55	49	56	51	1.2	1.5	1.2	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0852	Residential	Ground	NE	55	49	56	51	55	50	56	51	1	1.4	1	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0853	Residential	Ground	NW	51	46	52	47	52	47	53	48	0.8	0.9	1.1	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0853	Residential	Ground	NW	51	46	52	47	51	47	53	48	0.9	0.8	1.1	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0853	Residential	Ground	SW	53	48	54	49	53	48	54	50	0.9	0.7	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0853	Residential	Ground	SE	49	44	49	44	49	44	50	45	0.9	0.7	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0853	Residential	Ground	NE	51	46	52	47	52	47	53	48	1.3	1.1	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0853	Residential	Ground	SE	52	47	53	48	52	48	54	49	1.2	1.1	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0853	Residential	Ground	SW	52	48	53	48	53	48	54	49	1.1	0.9	1.3	1.4	59	54	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0853	Residential	Ground	SE	53	48	54	49	54	49	55	50	1.2	1.1	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0853	Residential	Ground	SW	52	48	54	49	53	48	54	50	1.3	1.1	1.5	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0853	Residential	Ground	SW	53	48	54	49	53	49	55	50	1.2	1	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0853	Residential	Ground	NE	52	47	53	48	53	48	54	49	1.3	1.2	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0853	Residential	Ground	SE	54	49	55	50	54	50	56	51	1.4	1.3	1.6	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0853	Residential	Ground	NE	52	47	54	49	53	48	54	50	1.5	1.4	1.6	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0854	Residential	Ground	NW	52	47	53	48	53	48	54	49	0.8	0.7	1	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0854	Residential	Ground	W	49	44	50	45	50	45	51	46	0.8	0.7	1	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0854	Residential	Ground	NE	49	45	50	45	50	45	51	46	0.8	0.7	1	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0854	Residential	Ground	SW	50	45	50	45	50	45	51	46	0.8	0.6	1	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0854	Residential	Ground	NW	51	46	52	47	52	47	53	48	0.8	0.7	1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0854	Residential	Ground	SW	51	46	52	47	51	47	52	48	0.9	0.7	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0854	Residential	Ground	NW	50	45	51	46	51	46	52	47	0.8	0.7	1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0854	Residential	Ground	NW	49	44	50	45	50	45	51	46	0.9	0.7	1.1	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0854	Residential	Ground	SW	54	49	55	50	54	49	55	51	1	0.8	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0854	Residential	Ground	SE	54	49	55	50	54	50	56	51	1.3	1.1	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0854	Residential	Ground	SE	53	48	54	49	53	48	55	50	1.4	1.3	1.5	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0854	Residential	Ground	SE	54	49	55	50	54	50	56	51	1.3	1.1	1.5	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0854	Residential	Ground	NE	52	47	53	48	53	48	54	49	1.3	1.2	1.3	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0855	Residential	Ground	NW	50	45	51	46	51	46	52	47	0.9	0.7	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0855	Residential	Ground	NE	49	45	50	45	50	45	51	46	0.8	0.7	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0855	Residential	Ground	NW	51	47	52	47	52	47	53	48	0.9	0.7	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0855	Residential	Ground	S	53	49	55	50	54	49	55	51	1.1	0.9	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0855	Residential	Ground	E	53	48	54	49	53	49	55	50	1.1	0.9	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0855	Residential	Ground	SW	53	49	54	50	54	49	55	51	0.9	0.8	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0855	Residential	Ground	NW	52	48	53	48	53	48	54	49	1	0.8	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0855	Residential	Ground	SW	54	50	55	51	55	50	56	52	1.2	1	1.4	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0855	Residential	Ground	NE	50	45	51	46	51	46	52	47	0.9	0.8	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0855	Residential	Ground	SE	51	47	52	47	52	47	53	48	1	0.9	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0855	Residential	Ground	NE	51	46	52	47	52	47	53	48	1	1	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0856	Residential	Ground	NW	53	47	53	48	53	48	54	49	0.5	0.5	0.6	0.9	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0856	Residential	Ground	SW	52	48	53	48	53	48	54	49	1	0.8	1.1	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0856	Residential	Ground	NW	52	47	53	48	52	48	54	49	0.9	0.7	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0856	Residential	Ground	SW	53	48	54	49	53	49	55	50	1.2	1	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0856	Residential	Ground	SE	54	49	55	50	54	49	56	51	1	1	1.1	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0856	Residential	Ground	NE	54	48	55	50	55	49	56	51	1.1	1.4	1.1	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0856	Residential	Ground	SE	54	48	55	50	54	49	56	51	1.1	1.3	1.2	1.5	59	54	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04B	NCA04B.RES.0856	Residential	Ground	NE	55	49	56	50	55	50	56	51	1	1.3	1	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0857	Residential	Ground	NW	53	48	54	48	54	48	54	49	0.5	0.6	0.7	1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0857	Residential	Ground	SW	52	47	53	48	52	48	53	49	0.9	0.7	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0857	Residential	Ground	NW	51	46	52	47	52	47	52	48	0.7	0.6	0.9	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0857	Residential	Ground	SW	51	46	52	47	51	47	52	48	0.8	0.7	1.1	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0857	Residential	Ground	SE	52	47	53	47	52	47	53	49	0.7	0.6	0.9	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0857	Residential	Ground	NE	53	47	53	48	53	48	54	49	0.3	0.5	0.3	0.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0857	Residential	Ground	SE	53	47	53	48	53	48	54	49	0.5	0.6	0.5	0.8	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0857	Residential	Ground	NE	54	49	55	50	55	49	56	51	0.8	1.1	0.9	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0858	Residential	Ground	NW	54	49	55	49	55	49	55	50	0.6	0.6	0.7	1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0858	Residential	Ground	SW	54	49	55	50	55	50	56	51	1	0.8	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0858	Residential	Ground	SE	53	48	53	49	53	48	54	50	0.9	0.7	1.2	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0858	Residential	Ground	SE	53	48	54	49	54	49	55	50	1.2	1	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0858	Residential	Ground	SE	54	49	55	50	54	50	56	51	1.3	1.1	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0858	Residential	Ground	SE	54	50	56	51	55	50	56	52	1.4	1.2	1.5	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0858	Residential	Ground	NE	55	49	56	51	56	50	57	52	0.8	1.2	0.8	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0858	Residential	Ground	SW	52	47	53	48	53	48	54	49	0.9	0.8	1.1	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0858	Residential	Ground	NW	51	46	52	47	52	47	52	48	0.6	0.6	0.9	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0858	Residential	Ground	SW	52	47	53	48	53	48	54	49	0.9	0.8	1.1	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0858	Residential	Ground	NW	51	46	52	47	52	47	52	48	0.6	0.6	0.7	1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0858	Residential	Ground	NE	50	45	51	46	51	46	52	47	0.6	0.6	0.8	1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0858	Residential	Ground	NW	52	46	52	47	52	47	53	48	0.6	0.6	0.7	1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0858	Residential	Ground	NW	51	45	51	46	51	46	52	47	0.5	0.5	0.6	0.9	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0858	Residential	Ground	NW	52	47	53	48	52	47	53	49	0.8	0.7	1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0858	Residential	Ground	SW	54	49	55	50	54	49	56	51	1.1	1	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0858	Residential	Ground	SE	52	47	53	48	53	48	54	49	1	0.8	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0858	Residential	Ground	SE	52	47	53	48	53	48	54	49	1.1	0.9	1.2	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0858	Residential	Ground	SE	52	47	53	48	52	48	53	49	1	0.8	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0858	Residential	Ground	SW	52	47	52	48	52	47	53	49	0.9	0.8	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0858	Residential	Ground	NW	51	47	52	48	52	47	53	49	1	0.8	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0858	Residential	Ground	NW	51	46	52	47	51	47	53	48	1.1	0.9	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0858	Residential	Ground	NW	51	47	52	47	52	47	53	48	1.1	0.9	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0858	Residential	Ground	NW	50	45	51	46	50	46	51	47	0.9	0.7	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0858	Residential	Ground	W	52	47	53	48	52	48	54	49	1.1	1	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0858	Residential	Ground	W	51	46	51	46	51	46	52	47	0.7	0.6	0.9	1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0858	Residential	Ground	NE	50	45	51	46	50	46	51	47	0.7	0.6	1	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0858	Residential	Ground	NW	52	47	53	48	52	47	53	49	0.9	0.8	1.1	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0858	Residential	Ground	NE	50	45	51	46	50	45	51	47	0.8	0.7	1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0858	Residential	Ground	NE	50	45	50	45	50	45	51	46	0.9	0.7	1.1	1.2	59	54	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04B	NCA04B.RES.0858	Residential	Ground	NE	51	46	52	47	51	46	52	48	0.9	0.8	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0858	Residential	Ground	N	49	44	50	45	50	45	51	46	0.8	0.7	1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0858	Residential	Ground	N	51	46	51	47	51	46	52	47	0.8	0.8	1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0858	Residential	Ground	NW	52	47	53	48	53	48	54	49	0.9	0.6	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0869	Residential	Ground	NW	57	52	58	54	57	52	59	54	1.4	1.4	1.6	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0869	Residential	Ground	SW	59	54	60	55	59	54	61	56	1.5	1.5	1.8	2.1	60	55	NO	NO	NO	NO	YES
NCA04B	NCA04B.RES.0869	Residential	Ground	SW	58	53	60	55	59	54	60	56	1.5	1.5	1.7	2.1	60	55	NO	NO	NO	NO	YES
NCA04B	NCA04B.RES.0869	Residential	Ground	SW	59	54	60	56	59	55	61	57	1.3	1.3	1.6	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0869	Residential	Ground	SW	59	54	60	55	59	55	61	56	1.3	1.2	1.6	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0869	Residential	Ground	SW	59	54	60	56	60	55	61	57	1.2	1.1	1.5	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0869	Residential	Ground	SE	57	53	59	54	58	53	60	55	1.6	1.5	1.8	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0869	Residential	Ground	NE	53	48	54	49	54	49	55	50	0.6	0.5	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0870	Residential	Ground	W	56	51	57	52	56	52	58	53	1.3	1.3	1.6	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0870	Residential	Ground	S	59	54	60	55	60	55	61	57	1.2	1.1	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0870	Residential	Ground	S	57	53	59	54	58	53	60	55	1.7	1.5	1.8	2.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0870	Residential	Ground	S	59	54	60	55	59	54	61	56	1.4	1.3	1.6	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0870	Residential	Ground	E	56	52	58	53	57	52	59	54	1.6	1.4	1.7	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0870	Residential	Ground	N	53	48	54	49	54	49	54	50	0.5	0.4	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0871	Residential	Ground	W	57	52	58	54	57	53	59	55	1.4	1.4	1.7	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0871	Residential	Ground	S	58	53	59	54	58	53	59	55	0.8	0.7	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0871	Residential	Ground	E	56	51	57	52	56	52	58	53	1	0.9	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0871	Residential	Ground	N	53	48	53	49	53	49	54	50	0.5	0.5	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0872	Residential	Ground	W	56	51	57	52	57	52	58	53	0.7	0.7	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0872	Residential	Ground	S	56	52	57	52	57	52	58	53	0.6	0.5	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0872	Residential	Ground	E	54	49	55	50	55	50	55	51	0.7	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0872	Residential	Ground	N	53	48	54	49	53	49	54	50	0.7	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0873	Residential	Ground	W	56	52	57	53	57	52	58	53	1	1.1	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0873	Residential	Ground	N	55	51	56	51	56	51	57	52	0.5	0.4	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0873	Residential	Ground	W	57	52	58	54	57	53	59	55	1.3	1.3	1.7	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0873	Residential	Ground	S	55	50	56	51	56	51	57	52	0.7	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0873	Residential	Ground	E	56	51	57	52	56	52	58	53	1.2	1	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0873	Residential	Ground	N	53	48	53	48	53	48	54	49	0.7	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0873	Residential	Ground	E	53	48	53	49	53	48	54	50	0.7	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0873	Residential	Ground	N	52	48	53	48	53	48	54	49	0.5	0.5	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0874	Residential	Ground	W	56	52	57	53	57	52	58	54	1	1	1.3	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0874	Residential	Ground	S	55	50	55	51	55	50	56	51	0.6	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0874	Residential	Ground	E	56	51	57	52	56	52	58	53	1.1	0.9	1.4	1.5	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0874	Residential	Ground	N	53	48	53	49	53	48	54	50	0.7	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0874	Residential	Ground	E	53	48	53	49	53	48	54	50	0.7	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0874	Residential	Ground	N	53	48	54	49	54	49	54	50	0.7	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0874	Residential	Ground	E	53	48	54	49	54	49	55	50	0.7	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0874	Residential	Ground	N	53	49	54	49	54	49	55	50	0.6	0.5	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0875	Residential	Ground	W	57	52	58	53	57	52	59	54	1.4	1.4	1.7	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0875	Residential	Ground	S	57	52	57	52	57	52	58	53	0.7	0.5	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0875	Residential	Ground	E	55	50	56	51	56	51	57	52	1	0.8	1.3	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0875	Residential	Ground	N	52	47	53	48	53	48	54	49	0.7	0.7	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0876	Residential	Ground	W	55	51	56	52	56	51	57	52	0.9	0.9	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0876	Residential	Ground	S	56	51	57	52	56	51	58	53	1.4	1.4	1.7	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0876	Residential	Ground	W	56	51	57	53	56	52	58	53	1.4	1.4	1.7	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0876	Residential	Ground	S	57	52	58	53	58	53	59	54	0.8	0.8	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0876	Residential	Ground	E	56	51	57	52	56	52	58	53	1.3	1.1	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0876	Residential	Ground	S	56	51	57	52	56	52	58	53	1.3	1.2	1.6	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0876	Residential	Ground	E	56	51	57	52	56	52	58	54	1.4	1.2	1.6	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0876	Residential	Ground	S	56	51	57	52	56	52	58	54	1.4	1.1	1.6	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0876	Residential	Ground	E	56	51	57	52	56	52	58	53	1.4	1.2	1.6	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0876	Residential	Ground	N	52	47	53	48	53	48	54	49	0.7	0.7	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0877	Residential	Ground	W	56	51	58	53	57	52	58	54	1.4	1.5	1.8	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0877	Residential	Ground	S	54	49	55	50	54	50	55	51	0.8	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0877	Residential	Ground	E	55	51	57	52	56	51	57	53	1.3	1	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0877	Residential	Ground	N	52	47	53	48	53	48	54	49	0.7	0.7	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0878	Residential	Ground	W	56	51	57	52	56	51	58	53	1.2	1.1	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0878	Residential	Ground	S	54	50	55	50	55	50	56	51	0.6	0.5	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0878	Residential	Ground	S	55	50	56	51	55	51	57	52	0.9	0.7	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0878	Residential	Ground	E	56	51	57	52	56	52	58	53	1.5	1.3	1.8	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0878	Residential	Ground	N	52	47	53	48	53	48	54	49	0.9	0.7	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0878	Residential	Ground	E	52	48	53	48	53	48	54	49	0.8	0.8	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0878	Residential	Ground	N	52	48	53	48	53	48	54	49	0.9	0.7	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0878	Residential	Ground	N	52	47	53	48	52	47	53	49	0.9	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0878	Residential	Ground	N	52	47	53	48	53	48	54	49	0.8	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0878	Residential	Ground	N	51	46	51	47	51	46	52	47	0.6	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0878	Residential	Ground	N	51	46	52	47	52	47	53	48	0.6	0.5	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0879	Residential	Ground	N	52	47	53	48	52	47	53	49	0.7	0.7	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0879	Residential	Ground	W	56	51	57	53	56	52	58	53	1.3	1.3	1.6	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0879	Residential	Ground	S	57	52	58	53	57	52	58	54	1	0.9	1.2	1.5	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04B	NCA04B.RES.0879	Residential	Ground	W	56	51	57	52	56	52	58	53	1.1	1	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0879	Residential	Ground	S	57	52	58	53	57	52	59	54	1.3	1.2	1.7	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0879	Residential	Ground	E	54	50	56	51	55	50	56	52	1.1	0.9	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0880	Residential	Ground	W	55	50	56	51	55	50	56	52	0.9	0.8	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0880	Residential	Ground	S	56	51	57	52	56	52	58	53	1	0.9	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0880	Residential	Ground	E	55	51	57	52	56	51	57	53	1.3	1	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0880	Residential	Ground	E	55	51	57	52	56	51	57	53	1.3	1	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0880	Residential	Ground	E	55	51	57	52	56	51	58	53	1.3	1.1	1.6	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0880	Residential	Ground	E	54	50	55	51	55	50	56	52	1.2	1	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0880	Residential	Ground	E	55	50	56	51	55	51	57	52	1.4	1.1	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0880	Residential	Ground	N	52	47	53	48	53	48	54	49	0.8	0.8	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0881	Residential	Ground	W	56	51	58	53	57	52	58	54	1.5	1.6	1.8	2.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0881	Residential	Ground	W	55	50	56	51	56	51	57	52	1	1	1.2	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0881	Residential	Ground	W	57	52	58	53	57	52	59	54	1.6	1.5	1.8	2.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0881	Residential	Ground	S	56	51	57	52	57	52	58	53	1	0.9	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0881	Residential	Ground	E	54	49	55	50	55	50	56	51	1.2	1	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0881	Residential	Ground	N	51	46	52	47	52	47	52	48	0.7	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0881	Residential	Ground	E	52	47	53	48	52	48	53	49	0.8	0.7	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0881	Residential	Ground	N	53	48	53	48	53	48	54	49	0.5	0.4	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0882	Residential	Ground	NW	54	49	55	50	54	49	55	51	0.9	1	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0882	Residential	Ground	SW	54	49	55	50	54	49	56	51	0.9	0.8	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0882	Residential	Ground	NW	54	49	55	50	54	49	56	51	0.9	1	1.2	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0882	Residential	Ground	SW	57	52	58	53	57	52	59	54	1.4	1.2	1.7	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0882	Residential	Ground	SE	56	52	58	53	57	52	59	54	1.8	1.5	2	2.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0882	Residential	Ground	SE	56	52	58	53	57	52	59	54	1.8	1.6	2	2.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0882	Residential	Ground	SE	56	52	58	53	57	52	59	54	1.8	1.6	2	2.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0882	Residential	Ground	E	55	50	57	52	55	51	58	53	2	1.8	2.2	2.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0882	Residential	Ground	NE	53	48	53	49	53	48	54	50	0.9	0.7	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0882	Residential	Ground	NE	52	47	53	48	52	48	53	49	0.8	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0882	Residential	Ground	E	53	48	54	49	53	48	55	50	1.4	1.2	1.6	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0882	Residential	Ground	NE	51	46	52	47	52	47	53	48	0.6	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0883	Residential	Ground	W	52	47	53	48	53	48	54	49	1.1	1	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0883	Residential	Ground	S	53	49	55	50	54	49	56	51	1.8	1.7	2	2.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0883	Residential	Ground	W	54	49	56	51	54	50	56	52	2	1.9	2.2	2.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0883	Residential	Ground	S	57	52	59	54	57	53	59	55	1.7	1.6	2	2.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0883	Residential	Ground	S	56	51	58	53	57	52	59	54	1.9	1.7	2.1	2.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0883	Residential	Ground	S	57	52	59	54	57	53	59	55	1.7	1.7	1.9	2.2	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04B	NCA04B.RES.0883	Residential	Ground	E	55	50	57	52	55	51	57	53	1.8	1.7	2	2.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0883	Residential	Ground	N	51	47	52	47	52	47	53	48	0.7	0.7	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0884	Residential	Ground	NW	54	49	54	49	54	49	55	50	0.5	0.5	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0884	Residential	Ground	SW	56	52	58	53	57	52	59	54	1.8	1.7	2	2.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0884	Residential	Ground	SW	57	52	58	54	57	52	59	55	1.8	1.6	2	2.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0884	Residential	Ground	SE	54	50	55	50	55	50	56	51	0.8	0.8	1.1	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0884	Residential	Ground	NE	54	49	55	50	54	49	55	51	1.1	0.9	1.3	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0885	Residential	Ground	NW	53	49	54	49	54	49	55	50	0.7	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0885	Residential	Ground	SW	57	52	58	53	57	52	59	54	1.6	1.5	1.9	2.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0885	Residential	Ground	SW	56	52	58	53	57	52	59	54	1.4	1.4	1.7	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0885	Residential	Ground	SW	57	52	58	53	57	52	59	54	1.4	1.3	1.7	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0885	Residential	Ground	SE	56	51	57	52	56	52	58	53	1	0.9	1.2	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0885	Residential	Ground	NE	53	48	54	49	53	49	55	50	0.9	0.8	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0886	Residential	Ground	W	55	50	55	50	55	50	56	51	0.6	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0886	Residential	Ground	N	53	48	53	49	53	49	54	49	0.3	0.3	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0886	Residential	Ground	W	56	51	57	52	56	51	57	53	0.9	0.9	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0886	Residential	Ground	S	54	49	54	50	54	49	55	51	0.9	0.7	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0886	Residential	Ground	E	55	50	56	51	55	51	57	52	1.2	0.9	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0886	Residential	Ground	N	52	47	52	48	52	48	53	49	0.5	0.4	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0887	Residential	Ground	W	56	51	58	53	56	52	58	54	1.5	1.4	1.8	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0887	Residential	Ground	S	57	52	58	53	57	53	59	54	1.1	0.9	1.3	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0887	Residential	Ground	W	56	52	57	52	57	52	58	53	0.9	0.8	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0887	Residential	Ground	S	56	51	57	52	57	52	58	53	1	0.8	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0887	Residential	Ground	W	56	51	57	52	56	52	58	53	1.1	0.9	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0887	Residential	Ground	S	57	52	58	53	57	53	59	54	1.1	0.9	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0887	Residential	Ground	E	54	50	56	51	55	50	56	52	1.2	1	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0887	Residential	Ground	N	52	47	53	48	53	48	54	49	0.8	0.7	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0888	Residential	Ground	W	57	52	58	53	57	52	59	54	1.6	1.6	1.9	2.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0888	Residential	Ground	S	54	49	54	49	54	49	55	50	0.7	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0888	Residential	Ground	E	55	51	57	52	56	51	57	53	1.1	0.9	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0888	Residential	Ground	N	53	48	53	48	53	48	54	49	0.7	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0889	Residential	Ground	W	57	52	58	54	57	52	59	55	1.6	1.6	1.9	2.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0889	Residential	Ground	W	57	52	58	53	57	52	59	54	1.4	1.3	1.7	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0889	Residential	Ground	W	57	52	58	54	57	53	59	55	1.3	1.2	1.6	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0889	Residential	Ground	S	56	52	57	52	57	52	58	53	0.5	0.3	0.9	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0889	Residential	Ground	E	55	50	56	51	55	50	56	52	0.9	0.7	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0889	Residential	Ground	N	53	48	53	48	53	48	54	49	0.8	0.6	1	1.1	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0890	Residential	Ground	W	58	53	59	54	58	53	60	55	1.4	1.4	1.7	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0890	Residential	Ground	S	54	49	55	50	55	50	56	51	0.6	0.4	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0890	Residential	Ground	E	56	51	56	51	56	51	57	53	0.7	0.6	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0890	Residential	Ground	S	56	52	57	52	57	52	58	53	0.8	0.7	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0890	Residential	Ground	E	55	51	56	52	56	51	57	53	1	0.8	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0890	Residential	Ground	NE	54	49	54	49	54	49	55	51	0.8	0.7	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0890	Residential	Ground	N	53	48	53	48	53	48	54	49	0.6	0.5	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0891	Residential	Ground	W	58	53	59	54	58	53	60	55	1.4	1.4	1.7	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0891	Residential	Ground	W	58	53	59	54	58	53	60	55	1.4	1.3	1.7	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0891	Residential	Ground	W	58	53	59	54	58	53	60	55	1.4	1.3	1.7	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0891	Residential	Ground	S	58	53	59	54	58	53	60	55	1.3	1.2	1.6	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0891	Residential	Ground	W	58	53	59	54	58	53	60	55	1.3	1.3	1.6	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0891	Residential	Ground	S	58	53	59	54	59	54	60	55	0.7	0.6	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0891	Residential	Ground	SE	56	51	57	52	57	52	58	54	1.2	1	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0891	Residential	Ground	E	55	50	56	51	56	51	57	52	1	0.8	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0891	Residential	Ground	NE	54	49	55	50	55	50	56	51	0.7	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0891	Residential	Ground	N	53	48	54	49	54	49	55	50	0.6	0.5	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0891	Residential	Ground	E	54	49	55	50	54	50	55	51	0.6	0.5	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0891	Residential	Ground	N	53	48	54	49	54	49	55	50	0.6	0.5	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0892	Residential	Ground	N	54	49	54	49	54	50	55	50	0.5	0.4	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0892	Residential	Ground	W	57	53	58	54	58	53	59	55	1.2	1.2	1.6	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0892	Residential	Ground	W	58	53	59	54	58	53	60	55	1.3	1.2	1.6	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0892	Residential	Ground	W	58	53	59	54	58	53	60	55	1.2	1.1	1.5	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0892	Residential	Ground	S	59	54	59	55	59	54	60	56	0.9	0.8	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0892	Residential	Ground	E	56	52	57	52	57	52	58	54	1	0.8	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0893	Residential	Ground	N	55	50	55	50	55	50	56	51	0.3	0.2	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0893	Residential	Ground	W	58	54	60	55	59	54	61	56	1.5	1.4	1.7	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0893	Residential	Ground	W	58	54	60	55	59	54	60	56	1.4	1.3	1.6	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0893	Residential	Ground	W	59	54	60	55	59	54	61	56	1.5	1.4	1.8	2.1	60	55	NO	NO	NO	NO	YES
NCA04B	NCA04B.RES.0893	Residential	Ground	S	60	55	61	57	60	56	62	58	1.5	1.4	1.7	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0893	Residential	Ground	E	55	50	56	51	55	51	57	52	0.9	0.8	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0894	Residential	Ground	W	55	50	56	51	56	51	57	52	0.8	0.7	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0894	Residential	Ground	S	60	55	61	57	60	56	62	58	1.4	1.3	1.7	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0894	Residential	Ground	E	58	53	59	55	59	54	60	56	1.4	1.3	1.7	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0894	Residential	Ground	S	58	53	59	54	59	54	60	56	1.4	1.1	1.6	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0894	Residential	Ground	E	57	52	58	53	57	53	59	54	1.3	1.2	1.6	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0894	Residential	Ground	N	54	49	54	49	54	50	55	50	0.5	0.4	0.8	0.9	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04B	NCA04B.RES.0895	Residential	Ground	W	58	53	59	54	59	54	60	55	1.2	1.1	1.4	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0895	Residential	Ground	S	60	55	61	57	61	56	62	58	1.3	1.2	1.5	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0895	Residential	Ground	E	59	54	60	55	59	54	61	56	1.4	1.3	1.7	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0895	Residential	Ground	N	55	50	55	50	55	50	56	51	0.7	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0895	Residential	Ground	E	56	51	57	52	57	52	58	53	0.8	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0895	Residential	Ground	N	55	50	55	50	55	50	56	51	0.6	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0896	Residential	Ground	W	57	52	58	53	57	53	59	54	1.1	1	1.3	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0896	Residential	Ground	S	57	52	57	52	57	52	58	53	0.7	0.5	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0896	Residential	Ground	E	58	53	60	55	59	54	60	56	1.5	1.3	1.7	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0896	Residential	Ground	N	54	49	55	50	55	50	55	51	0.7	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0896	Residential	Ground	N	53	49	54	49	54	49	55	50	0.7	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0896	Residential	Ground	N	54	49	55	50	54	50	55	51	0.7	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0897	Residential	Ground	W	57	52	58	53	57	52	59	54	1.1	1	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0897	Residential	Ground	S	57	52	58	53	58	53	59	54	0.7	0.5	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0897	Residential	Ground	E	57	53	58	53	58	53	59	55	1.1	0.9	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0897	Residential	Ground	E	57	52	58	53	58	53	59	54	1.1	0.9	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0897	Residential	Ground	N	54	49	54	50	54	49	55	50	0.7	0.7	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0898	Residential	Ground	W	56	51	57	52	57	52	58	54	1.3	1.1	1.5	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0898	Residential	Ground	S	58	53	59	54	58	54	60	55	1.2	0.9	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0898	Residential	Ground	W	57	52	58	53	57	52	59	54	1.1	0.9	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0898	Residential	Ground	S	59	54	60	55	59	55	61	56	1.4	1.1	1.6	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0898	Residential	Ground	E	58	53	59	54	58	54	60	56	1.6	1.4	1.9	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0898	Residential	Ground	N	53	49	54	49	54	49	55	50	0.7	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0899	Residential	Ground	W	56	51	57	52	56	52	58	53	0.8	0.7	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0899	Residential	Ground	S	57	53	58	54	58	53	59	55	1.1	1	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0899	Residential	Ground	E	56	51	57	52	56	52	58	53	1.2	1	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0900	Residential	Ground	W	56	51	57	52	56	52	58	53	0.8	0.8	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0900	Residential	Ground	W	55	51	56	51	56	51	57	52	0.8	0.7	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0900	Residential	Ground	W	55	51	56	52	56	51	57	53	0.9	0.8	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0900	Residential	Ground	S	58	54	60	55	59	54	60	56	1.5	1.3	1.7	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0900	Residential	Ground	E	57	53	59	54	58	53	60	55	1.7	1.4	1.8	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0900	Residential	Ground	N	54	50	56	51	55	50	56	52	1.1	1	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0900	Residential	Ground	E	56	51	57	52	57	52	58	53	1.1	0.9	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0900	Residential	Ground	N	53	48	54	49	54	49	55	50	0.8	0.7	1.1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0901	Residential	Ground	W	56	51	57	52	56	51	57	53	0.9	0.8	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0901	Residential	Ground	S	56	51	57	52	56	52	57	53	0.9	0.9	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0901	Residential	Ground	E	57	52	58	53	57	53	59	54	1.4	1.1	1.5	1.7	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0901	Residential	Ground	S	57	52	58	53	57	53	59	55	1.5	1.2	1.6	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0901	Residential	Ground	E	57	52	58	53	57	53	59	55	1.6	1.3	1.7	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0901	Residential	Ground	N	53	48	54	49	54	49	55	50	1.1	1	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0901	Residential	Ground	E	54	49	55	50	54	49	55	51	1.1	0.9	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0901	Residential	Ground	N	53	48	53	49	53	48	54	50	0.9	0.9	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0902	Residential	Ground	W	55	51	57	52	56	51	57	53	1.2	1	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0902	Residential	Ground	S	52	47	53	48	53	48	54	49	0.9	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0902	Residential	Ground	E	55	50	56	51	55	50	56	52	1.1	0.9	1.3	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0903	Residential	Ground	N	52	47	53	48	53	48	54	49	1	0.9	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0903	Residential	Ground	W	55	50	56	51	55	51	57	52	0.8	0.7	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0903	Residential	Ground	S	57	52	59	54	58	53	59	55	1.4	1.2	1.6	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0903	Residential	Ground	E	57	52	58	54	57	53	59	55	1.7	1.5	1.9	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0903	Residential	Ground	S	57	52	58	54	57	53	59	55	1.8	1.5	1.9	2.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0903	Residential	Ground	E	56	52	58	53	57	52	59	54	1.7	1.5	1.8	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0904	Residential	Ground	N	52	47	53	48	53	48	54	49	1	1	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0904	Residential	Ground	W	55	50	56	51	55	50	57	52	1.3	1.1	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0904	Residential	Ground	S	57	52	58	53	58	53	59	54	1.3	1.1	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0904	Residential	Ground	E	56	51	58	53	57	52	58	54	1.7	1.4	1.8	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0904	Residential	Ground	E	54	49	55	50	54	50	56	51	1.2	1.1	1.5	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0904	Residential	Ground	E	56	51	57	52	56	52	58	53	1.6	1.4	1.7	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0905	Residential	Ground	W	55	50	55	51	55	50	56	52	0.9	0.9	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0905	Residential	Ground	S	55	50	56	51	55	51	57	52	1.1	0.9	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0905	Residential	Ground	E	56	51	58	53	57	52	58	54	1.7	1.5	1.8	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0905	Residential	Ground	N	53	48	54	49	53	49	55	50	1.3	1.2	1.5	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0905	Residential	Ground	E	55	51	57	52	56	51	57	53	1.4	1.1	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0905	Residential	Ground	N	52	47	53	48	53	48	54	49	1.3	1.2	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0906	Residential	Ground	W	54	49	55	50	54	50	55	51	0.7	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0906	Residential	Ground	S	56	51	57	53	57	52	58	54	1.5	1.2	1.6	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0906	Residential	Ground	E	56	51	58	53	57	52	58	54	1.8	1.5	1.9	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0906	Residential	Ground	E	55	51	57	52	56	51	58	54	1.8	1.6	1.9	2.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0906	Residential	Ground	N	52	47	53	48	53	48	54	49	1.2	1.2	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0907	Residential	Ground	N	52	47	53	48	52	48	54	49	1.3	1.2	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0907	Residential	Ground	W	55	50	56	51	55	50	56	52	1.2	1.1	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0907	Residential	Ground	S	54	49	55	50	55	50	56	51	1.1	0.9	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0907	Residential	Ground	E	55	51	57	52	56	51	58	53	1.8	1.5	1.9	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0907	Residential	Ground	E	53	49	55	50	54	49	55	51	1.5	1.4	1.7	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0907	Residential	Ground	E	54	50	56	51	55	50	57	52	1.5	1.3	1.7	1.8	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0908	Residential	Ground	W	54	49	55	51	54	50	56	52	1.5	1.4	1.7	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0908	Residential	Ground	S	56	52	58	53	57	52	59	54	1.8	1.6	2	2.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0908	Residential	Ground	E	55	50	57	52	56	51	58	53	1.9	1.7	2	2.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0908	Residential	Ground	N	51	47	53	48	52	47	54	49	1.5	1.4	1.6	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0909	Residential	Ground	W	53	49	55	50	54	49	55	51	1.2	1.1	1.5	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0909	Residential	Ground	S	55	51	57	52	56	51	58	53	1.7	1.5	1.9	2.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0909	Residential	Ground	E	55	50	57	52	55	51	57	53	1.8	1.7	2	2.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0909	Residential	Ground	E	55	50	57	52	56	51	58	53	2.1	1.9	2.2	2.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0909	Residential	Ground	N	52	47	54	49	53	48	55	50	1.9	1.8	2	2.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0909	Residential	Ground	W	50	46	51	46	51	46	52	47	0.7	0.6	1	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0909	Residential	Ground	N	50	45	51	46	51	46	52	47	0.7	0.6	0.9	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0909	Residential	Ground	W	51	46	51	46	51	46	52	47	0.7	0.6	0.9	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0909	Residential	Ground	N	50	45	51	46	51	46	52	47	0.7	0.7	1	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0909	Residential	Ground	NW	53	48	53	48	53	48	54	49	0.8	0.8	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0910	Residential	Ground	W	53	48	54	49	53	48	55	50	1	1	1.3	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0910	Residential	Ground	S	54	50	56	51	55	50	57	52	1.6	1.5	1.7	1.9	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0910	Residential	Ground	E	55	50	57	52	55	51	58	53	2.1	1.9	2.1	2.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0910	Residential	Ground	S	55	50	57	52	56	51	58	53	2.1	1.9	2.1	2.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0910	Residential	Ground	E	55	50	57	52	56	51	58	53	2.1	2	2.3	2.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0910	Residential	Ground	N	52	47	54	49	52	48	55	50	2	2	2.1	2.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0911	Residential	Ground	W	52	48	54	49	53	48	54	50	1.1	1.1	1.3	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0911	Residential	Ground	W	51	46	52	47	52	47	53	48	0.9	0.9	1.3	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0911	Residential	Ground	W	53	48	54	49	53	48	55	50	1.1	1.1	1.4	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0911	Residential	Ground	S	54	49	55	50	54	49	56	51	1.6	1.6	1.8	1.9	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0911	Residential	Ground	E	55	50	57	52	55	51	57	53	2	1.8	2.2	2.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0911	Residential	Ground	N	52	47	54	49	52	48	54	50	1.6	1.5	1.7	1.9	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0912	Residential	Ground	NW	52	47	53	48	53	48	54	49	0.9	1	1.2	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0912	Residential	Ground	SW	54	49	55	51	54	50	56	51	1.4	1.4	1.7	1.8	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0912	Residential	Ground	SE	54	49	56	51	55	50	56	52	1.7	1.6	1.9	2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0912	Residential	Ground	SE	53	49	55	50	54	49	56	51	1.7	1.6	1.8	2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0912	Residential	Ground	SE	54	49	56	51	55	50	56	52	1.8	1.6	1.9	2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0912	Residential	Ground	NE	52	47	54	49	52	48	54	50	1.7	1.7	1.9	2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0913	Residential	Ground	NW	51	46	52	47	51	47	53	48	0.9	0.9	1.1	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0913	Residential	Ground	SW	54	49	55	50	54	49	56	51	1.5	1.3	1.6	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0913	Residential	Ground	E	54	50	56	51	55	50	57	52	1.7	1.6	1.9	2.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0913	Residential	Ground	NE	53	48	55	50	53	49	55	51	1.8	1.7	2	2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0913	Residential	Ground	E	54	49	56	51	54	50	56	52	1.8	1.7	1.9	2	59	54	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04B	NCA04B.RES.0913	Residential	Ground	NE	52	47	54	49	53	48	54	50	1.8	1.9	1.9	2.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0914	Residential	Ground	SW	55	50	56	51	55	50	57	52	1.5	1.3	1.7	1.8	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0914	Residential	Ground	SE	52	47	53	48	52	48	54	49	1.3	1.1	1.4	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0914	Residential	Ground	N	51	46	52	47	51	46	52	48	1.1	1	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0914	Residential	Ground	NW	52	47	53	48	52	48	54	49	1.1	1.1	1.3	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0915	Residential	Ground	SW	53	49	55	50	54	49	55	51	1.1	1	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0915	Residential	Ground	SE	53	49	55	50	54	49	55	51	1.3	1.1	1.5	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0915	Residential	Ground	NE	52	48	54	49	53	48	55	50	1.9	1.8	2	2.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0916	Residential	Ground	W	52	47	53	48	52	48	54	49	0.9	0.8	1.2	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0916	Residential	Ground	S	55	50	56	51	55	51	57	52	1.4	1.3	1.6	1.8	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0916	Residential	Ground	E	54	50	56	51	55	50	56	52	1.4	1.2	1.6	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0916	Residential	Ground	N	52	47	53	49	52	48	54	49	1.5	1.5	1.6	1.8	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0917	Residential	Ground	W	53	48	55	50	54	49	55	51	1.5	1.4	1.7	1.9	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0917	Residential	Ground	S	54	50	55	51	55	50	56	52	1.1	1	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0917	Residential	Ground	E	53	48	54	49	54	49	55	50	1	0.9	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0917	Residential	Ground	N	52	48	54	49	53	48	55	50	2	1.8	2.1	2.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0917	Residential	Ground	N	52	47	54	49	53	48	55	50	1.9	1.9	2	2.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0918	Residential	Ground	NW	51	46	52	47	51	46	52	48	0.8	0.7	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0918	Residential	Ground	SW	53	48	54	49	53	49	54	50	0.9	0.7	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0918	Residential	Ground	SE	53	48	54	49	53	49	54	50	0.9	0.8	1.1	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0918	Residential	Ground	SW	53	48	54	49	53	49	55	50	0.8	0.7	1.2	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0918	Residential	Ground	SE	50	45	51	46	50	46	52	47	0.9	0.8	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0918	Residential	Ground	NE	53	48	55	50	53	49	56	51	2	2	2.2	2.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0918	Residential	Ground	NE	52	48	55	50	53	48	55	51	2.2	2.2	2.3	2.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0918	Residential	Ground	NE	53	48	55	50	54	49	56	51	2.1	2	2.1	2.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0919	Residential	Ground	W	53	49	55	50	54	49	55	51	1.3	1.3	1.6	1.8	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0919	Residential	Ground	S	55	50	56	51	55	50	56	52	1	0.9	1.2	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0919	Residential	Ground	S	54	49	55	50	54	50	56	51	1.2	1	1.4	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0919	Residential	Ground	S	54	49	55	50	55	50	56	51	1.1	0.9	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0919	Residential	Ground	E	52	47	53	48	52	48	53	49	1	0.9	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0919	Residential	Ground	N	52	47	53	48	52	47	53	49	1.3	1.2	1.4	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0920	Residential	Ground	W	51	46	52	47	51	47	53	48	1	0.8	1.2	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0920	Residential	Ground	S	54	49	55	50	54	50	56	51	1.1	0.9	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0920	Residential	Ground	S	54	49	55	50	55	50	56	51	1.1	0.9	1.3	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0920	Residential	Ground	S	54	50	55	51	55	50	56	52	1	0.9	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0920	Residential	Ground	E	54	49	55	50	54	50	56	51	1.2	1	1.4	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0920	Residential	Ground	N	52	47	53	49	52	48	54	49	1.5	1.5	1.7	1.7	59	54	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0921	Residential	Ground	N	53	48	54	50	53	48	55	51	1.9	1.8	2.1	2.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0921	Residential	Ground	N	52	48	54	49	53	48	55	50	2	1.9	2.1	2.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0921	Residential	Ground	N	53	48	54	49	53	48	55	50	1.6	1.6	1.8	2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0921	Residential	Ground	N	51	46	53	48	52	47	53	49	1.4	1.3	1.6	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0921	Residential	Ground	W	52	48	53	49	53	48	54	50	1	0.8	1.2	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0921	Residential	Ground	S	54	49	55	50	54	49	55	51	1.1	1	1.3	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0921	Residential	Ground	E	52	47	54	49	52	48	55	50	2.3	2.2	2.4	2.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0922	Residential	Ground	NW	53	49	55	50	54	49	55	51	1.3	1.2	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0922	Residential	Ground	SW	55	50	56	52	56	51	57	53	1.3	1.2	1.5	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0922	Residential	Ground	SE	52	47	53	48	52	47	53	49	0.9	0.8	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0922	Residential	Ground	NE	51	46	52	47	51	47	53	48	1	0.8	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0922	Residential	Ground	NE	51	46	52	47	51	47	53	48	1	0.9	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0922	Residential	Ground	NE	51	47	52	48	52	47	53	49	1.1	1	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0923	Residential	Ground	NW	51	46	52	47	52	47	53	48	0.9	0.8	1.1	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0923	Residential	Ground	SW	55	50	56	51	55	51	57	52	1.3	1.1	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0923	Residential	Ground	SE	55	50	57	52	56	51	57	53	1.5	1.3	1.7	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0923	Residential	Ground	NE	52	47	53	48	52	48	54	49	1.1	0.9	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0923	Residential	Ground	NE	51	46	52	47	52	47	53	48	0.9	0.9	1.2	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0923	Residential	Ground	NE	51	46	52	47	52	47	53	48	0.9	0.8	1.2	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0924	Residential	Ground	N	45	40	46	41	46	41	47	42	0.6	0.6	0.8	1	58	52	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0924	Residential	Ground	N	48	43	51	46	49	44	52	47	2.7	2.7	2.8	3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0924	Residential	Ground	W	52	47	53	48	52	48	54	49	1.2	1.2	1.5	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0924	Residential	Ground	S	56	51	57	52	56	51	58	53	1.5	1.3	1.7	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0924	Residential	Ground	E	55	50	57	52	56	51	58	53	2	1.8	2.1	2.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0924	Residential	Ground	N	51	46	54	49	52	47	54	50	2.4	2.4	2.5	2.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0925	Residential	Ground	W	54	49	55	50	54	50	56	51	1.2	1.1	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0925	Residential	Ground	S	55	51	56	52	56	51	57	53	1.1	1	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0925	Residential	Ground	S	54	49	56	51	55	50	56	52	1.5	1.3	1.7	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0925	Residential	Ground	E	54	50	56	51	55	50	56	52	1.4	1.2	1.6	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0925	Residential	Ground	E	54	50	56	51	55	50	57	52	1.7	1.5	1.9	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0925	Residential	Ground	N	52	48	54	49	53	48	54	50	1.4	1.4	1.6	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0925	Residential	Ground	N	50	45	50	46	50	45	51	46	0.6	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0925	Residential	Ground	N	51	46	51	46	51	46	52	47	0.8	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0926	Residential	Ground	NW	53	48	54	49	54	49	55	50	1.1	1	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0926	Residential	Ground	SW	55	50	56	51	55	51	57	52	1.3	1.1	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0926	Residential	Ground	SE	56	51	57	53	56	52	58	54	1.6	1.4	1.8	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0926	Residential	Ground	SE	54	50	56	51	55	50	56	52	1.6	1.4	1.7	1.8	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0926	Residential	Ground	SE	55	51	57	52	56	51	57	53	1.6	1.4	1.7	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0926	Residential	Ground	N	53	48	55	50	54	49	55	51	1.5	1.4	1.7	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0926	Residential	Ground	E	54	50	56	51	55	50	57	52	1.5	1.4	1.7	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0926	Residential	Ground	NE	53	48	54	49	53	48	55	50	1.4	1.4	1.6	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0927	Residential	Ground	NW	54	49	55	50	54	49	55	51	1.1	0.9	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0927	Residential	Ground	SW	54	50	56	51	55	50	56	52	1.1	0.9	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0927	Residential	Ground	SE	56	51	58	53	57	52	58	54	1.7	1.5	1.8	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0927	Residential	Ground	NE	53	48	54	49	53	49	55	50	1.5	1.3	1.6	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0927	Residential	Ground	NE	52	48	54	49	53	48	54	50	1.3	1.3	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0927	Residential	Ground	NE	53	48	54	49	53	48	55	50	1.3	1.2	1.5	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0928	Residential	Ground	N	52	47	53	48	52	48	54	49	1.2	1.1	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0928	Residential	Ground	W	51	46	52	47	52	47	52	48	0.7	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0928	Residential	Ground	N	51	46	52	47	51	47	52	48	0.7	0.6	1	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0928	Residential	Ground	W	54	50	56	51	55	50	57	52	1.6	1.5	1.8	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0928	Residential	Ground	S	57	52	58	53	57	53	59	54	1.5	1.3	1.7	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0928	Residential	Ground	E	56	51	57	52	56	52	58	53	1.6	1.4	1.8	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0928	Residential	Ground	S	57	52	58	53	57	52	59	54	1.5	1.4	1.7	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0928	Residential	Ground	E	56	52	58	53	57	52	59	54	1.7	1.5	1.9	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0928	Residential	Ground	S	56	52	58	53	57	52	59	54	1.6	1.5	1.8	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0928	Residential	Ground	E	55	51	57	52	56	51	58	53	1.6	1.3	1.8	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0928	Residential	Ground	N	52	47	53	48	52	48	54	49	1.1	0.9	1.3	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0928	Residential	Ground	E	53	49	55	50	54	49	55	51	1.1	0.9	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0929	Residential	Ground	W	55	50	56	51	55	50	56	52	1.2	1.1	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0929	Residential	Ground	S	56	51	57	52	56	52	58	53	1	0.9	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0929	Residential	Ground	E	56	51	57	52	56	52	58	53	1.4	1.1	1.6	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0929	Residential	Ground	N	52	47	53	48	52	48	53	49	0.9	0.8	1.1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0930	Residential	Ground	W	53	49	55	50	54	49	55	51	1.2	1.1	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0930	Residential	Ground	S	55	50	57	52	56	51	57	53	1.5	1.3	1.7	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0930	Residential	Ground	E	56	51	58	53	57	52	59	54	1.7	1.6	1.9	2.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0930	Residential	Ground	NE	53	49	55	50	54	49	56	51	1.8	1.7	2	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0930	Residential	Ground	E	53	49	55	50	54	49	56	51	1.8	1.7	2	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0930	Residential	Ground	E	54	49	56	51	54	50	56	52	1.8	1.5	1.8	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0930	Residential	Ground	E	55	50	56	51	55	51	57	53	1.6	1.4	1.8	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0930	Residential	Ground	N	53	48	54	49	53	48	54	50	1.2	1.1	1.4	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0931	Residential	Ground	W	54	49	55	51	55	50	56	52	1.3	1.2	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0931	Residential	Ground	S	55	50	56	51	55	51	57	52	1.1	1	1.4	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0931	Residential	Ground	E	56	51	57	53	56	52	58	54	1.6	1.3	1.7	1.8	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04B	NCA04B.RES.0931	Residential	Ground	E	56	51	57	52	56	52	58	54	1.5	1.4	1.7	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0931	Residential	Ground	E	56	52	58	53	57	52	59	54	1.6	1.4	1.8	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0931	Residential	Ground	E	54	49	56	51	55	50	56	52	1.8	1.5	1.8	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0931	Residential	Ground	E	56	51	57	52	56	52	58	54	1.6	1.5	1.8	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0931	Residential	Ground	N	53	48	54	50	53	49	55	50	1.5	1.5	1.7	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0932	Residential	Ground	N	52	47	53	48	53	48	54	49	1	1	1.3	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0932	Residential	Ground	W	55	51	57	52	56	51	57	53	1.6	1.4	1.8	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0932	Residential	Ground	W	55	50	56	51	55	50	56	52	1	0.9	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0932	Residential	Ground	W	54	50	55	51	55	50	56	52	1	0.9	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0932	Residential	Ground	S	52	48	54	49	53	48	54	50	1.2	1	1.4	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0932	Residential	Ground	E	56	51	57	53	56	52	58	54	1.5	1.2	1.7	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0933	Residential	Ground	W	55	51	57	52	56	51	58	53	1.6	1.5	1.8	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0933	Residential	Ground	S	57	52	58	54	58	53	59	55	1.3	1.2	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0933	Residential	Ground	E	56	51	57	52	56	52	58	54	1.4	1.2	1.6	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0933	Residential	Ground	N	52	47	53	48	53	48	54	49	0.9	0.8	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0934	Residential	Ground	W	55	50	56	51	55	50	57	52	1.3	1.2	1.6	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0934	Residential	Ground	S	56	51	57	52	56	51	58	53	1.3	1.2	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0934	Residential	Ground	E	56	52	58	53	57	52	59	54	1.5	1.2	1.7	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0934	Residential	Ground	N	53	49	55	50	54	49	56	51	1.5	1.3	1.7	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0934	Residential	Ground	E	53	49	55	50	54	49	56	51	1.5	1.3	1.6	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0934	Residential	Ground	E	54	49	56	51	55	50	56	52	1.5	1.3	1.7	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0934	Residential	Ground	E	55	50	56	52	56	51	57	53	1.4	1.3	1.7	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0934	Residential	Ground	N	53	48	54	49	53	49	55	50	1.4	1.3	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0935	Residential	Ground	W	55	50	56	51	55	50	57	52	1.3	1.1	1.6	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0935	Residential	Ground	S	56	51	57	52	57	52	58	53	1	0.9	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0935	Residential	Ground	E	57	52	58	53	57	53	59	54	1.4	1.1	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0935	Residential	Ground	N	53	48	54	49	53	49	55	50	1.1	1	1.3	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0936	Residential	Ground	W	56	51	57	52	56	51	58	53	1.6	1.5	1.8	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0936	Residential	Ground	S	57	52	58	53	57	53	59	54	1.2	1.1	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0936	Residential	Ground	E	56	51	57	52	57	52	58	53	1.2	1	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0936	Residential	Ground	N	52	47	53	48	53	48	54	49	0.8	0.7	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0937	Residential	Ground	W	55	51	56	52	56	51	57	53	1.3	1.1	1.6	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0937	Residential	Ground	E	57	52	58	53	57	53	59	55	1.4	1.1	1.6	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0937	Residential	Ground	N	53	48	53	49	53	48	54	50	0.9	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0938	Residential	Ground	W	55	50	56	51	56	51	57	52	1	0.9	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0938	Residential	Ground	N	54	49	54	50	54	49	55	50	0.7	0.5	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0938	Residential	Ground	W	56	52	58	53	57	52	59	54	1.5	1.4	1.8	2	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0938	Residential	Ground	S	57	52	58	53	57	52	58	54	1.1	0.9	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0938	Residential	Ground	E	56	52	58	53	57	52	59	54	1.4	1.1	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0938	Residential	Ground	S	57	52	58	53	57	53	59	54	1.4	1.1	1.6	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0938	Residential	Ground	E	56	51	57	53	57	52	58	54	1.4	1.2	1.6	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0938	Residential	Ground	N	53	48	53	48	53	48	54	49	0.8	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0939	Residential	Ground	W	55	50	56	52	56	51	57	53	1.3	1.1	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0939	Residential	Ground	S	56	52	58	53	57	52	58	54	1.3	1.2	1.6	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0939	Residential	Ground	E	57	53	59	54	58	53	60	55	1.6	1.3	1.7	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0939	Residential	Ground	N	53	48	54	49	53	49	55	50	0.9	0.8	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0940	Residential	Ground	N	53	48	54	49	53	49	54	50	0.6	0.6	1	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0940	Residential	Ground	W	55	50	56	51	55	50	56	52	0.8	0.6	1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0940	Residential	Ground	N	54	49	54	49	54	49	55	50	0.4	0.3	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0940	Residential	Ground	W	55	50	56	51	55	50	56	52	0.8	0.6	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0940	Residential	Ground	N	54	49	55	50	55	50	55	51	0.6	0.5	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0940	Residential	Ground	W	57	52	58	53	57	52	59	54	1.5	1.4	1.8	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0940	Residential	Ground	S	57	52	58	53	58	53	59	54	1	0.9	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0940	Residential	Ground	E	57	52	58	53	57	53	59	55	1.4	1.2	1.6	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0941	Residential	Ground	W	55	51	56	51	56	51	57	52	0.9	0.8	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0941	Residential	Ground	S	56	52	58	53	57	52	59	54	1.5	1.3	1.7	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0941	Residential	Ground	E	58	53	59	54	58	54	60	56	1.7	1.5	1.8	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0941	Residential	Ground	N	53	49	54	49	54	49	55	50	0.8	0.7	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0942	Residential	Ground	NW	56	51	57	52	56	52	58	53	1.1	0.9	1.3	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0942	Residential	Ground	SW	59	54	60	55	59	54	61	56	1.3	1.1	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0942	Residential	Ground	SE	58	53	59	55	58	54	60	56	1.5	1.3	1.8	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0942	Residential	Ground	SW	58	54	60	55	59	54	61	56	1.5	1.2	1.7	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0942	Residential	Ground	SE	58	54	60	55	59	54	61	56	1.7	1.4	1.9	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0942	Residential	Ground	NE	54	49	56	51	55	50	56	52	1.6	1.4	1.8	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0943	Residential	Ground	W	56	52	58	53	57	52	59	54	1.5	1.3	1.8	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0943	Residential	Ground	W	57	52	58	54	57	53	59	55	1.6	1.5	1.8	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0943	Residential	Ground	S	59	54	60	55	59	54	61	56	1.3	1.2	1.6	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0943	Residential	Ground	E	57	52	58	54	58	53	59	55	1.4	1.1	1.6	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0943	Residential	Ground	N	53	49	54	49	54	49	55	50	0.8	0.7	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0944	Residential	Ground	W	57	52	59	54	58	53	59	55	1.6	1.5	1.8	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0944	Residential	Ground	W	57	52	58	54	57	53	59	55	1.5	1.4	1.8	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0944	Residential	Ground	W	57	52	59	54	58	53	59	55	1.5	1.4	1.7	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0944	Residential	Ground	S	58	54	59	55	59	54	60	56	1	0.8	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0944	Residential	Ground	E	57	52	58	54	58	53	59	55	1.3	1.2	1.6	1.7	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0944	Residential	Ground	N	54	49	55	50	54	50	55	51	0.8	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0945	Residential	Ground	W	57	52	58	53	57	52	59	54	1.3	1.2	1.6	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0945	Residential	Ground	W	56	51	56	52	56	51	57	53	0.9	0.8	1.2	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0945	Residential	Ground	W	57	53	59	54	58	53	59	55	1.5	1.3	1.7	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0945	Residential	Ground	S	56	51	56	51	56	52	57	52	0.6	0.4	0.9	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0945	Residential	Ground	E	57	52	58	53	58	53	59	54	0.9	0.7	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0945	Residential	Ground	N	54	49	55	50	55	50	56	51	0.6	0.4	0.9	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0946	Residential	Ground	N	54	49	55	50	54	50	55	51	0.7	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0946	Residential	Ground	W	54	50	55	50	55	50	56	51	0.5	0.4	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0946	Residential	Ground	N	53	48	53	48	53	48	54	49	0.5	0.4	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0946	Residential	Ground	E	53	48	53	48	53	49	54	49	0.5	0.3	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0946	Residential	Ground	NE	54	49	54	49	54	49	55	50	0.5	0.3	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0946	Residential	Ground	N	54	50	55	50	55	50	55	51	0.4	0.3	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0946	Residential	Ground	NW	56	51	57	52	56	52	58	53	1	0.9	1.2	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0946	Residential	Ground	W	56	52	57	52	57	52	58	53	0.9	0.8	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0946	Residential	Ground	S	58	53	59	54	58	54	59	55	0.9	0.7	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0946	Residential	Ground	E	58	54	60	55	59	54	60	56	1.3	1	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0946	Residential	Ground	S	55	50	56	51	55	51	56	52	1	0.8	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0946	Residential	Ground	N	54	49	55	50	54	50	56	51	1	0.8	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0946	Residential	Ground	N	54	49	55	50	54	50	55	51	1	0.8	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0946	Residential	Ground	E	58	53	59	54	59	54	60	56	1.2	0.9	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0947	Residential	Ground	W	58	53	59	54	58	53	60	55	1.5	1.4	1.7	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0947	Residential	Ground	S	59	54	59	55	59	54	60	56	0.8	0.7	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0947	Residential	Ground	E	57	53	58	53	58	53	59	55	1	0.8	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0947	Residential	Ground	N	54	49	55	50	55	50	55	51	0.6	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0948	Residential	Ground	W	57	52	58	53	57	52	58	54	1	0.9	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0948	Residential	Ground	S	58	53	59	54	58	53	59	55	1	0.8	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0948	Residential	Ground	S	57	52	58	53	58	53	59	54	0.8	0.6	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0948	Residential	Ground	S	58	53	59	54	58	54	60	55	0.9	0.7	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0948	Residential	Ground	E	59	54	60	55	59	55	61	56	1.1	0.9	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0948	Residential	Ground	N	55	50	56	51	55	51	56	52	0.9	0.7	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0948	Residential	Ground	N	54	49	55	50	55	50	56	51	0.8	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0948	Residential	Ground	N	55	50	55	50	55	50	56	51	0.7	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0948	Residential	Ground	N	53	48	53	48	53	48	54	49	0.4	0.3	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0948	Residential	Ground	N	54	49	55	50	55	50	55	51	0.5	0.4	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0949	Residential	Ground	W	58	53	59	55	59	54	60	56	1.2	1.1	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0949	Residential	Ground	S	58	53	58	53	58	53	59	54	0.6	0.5	0.9	1	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0949	Residential	Ground	E	58	53	58	54	58	53	59	55	0.9	0.7	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0949	Residential	Ground	N	54	50	55	50	55	50	56	51	0.4	0.4	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0950	Residential	Ground	W	57	52	57	52	57	53	58	54	0.6	0.4	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0950	Residential	Ground	S	57	53	58	53	58	53	59	55	1	0.8	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0950	Residential	Ground	E	59	54	60	55	60	55	61	57	1.2	1	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0950	Residential	Ground	N	56	51	57	52	57	52	58	53	1.2	1	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0950	Residential	Ground	E	58	53	59	54	58	54	60	55	1.1	0.9	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0950	Residential	Ground	N	55	50	55	50	55	50	56	51	0.6	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0951	Residential	Ground	N	56	51	56	51	56	51	57	52	0.6	0.4	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0951	Residential	Ground	W	55	50	55	50	55	51	56	51	0.3	0.2	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0951	Residential	Ground	N	55	50	55	50	55	50	56	51	0.2	0.2	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0951	Residential	Ground	W	58	54	60	55	59	54	60	56	1.2	1.1	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0951	Residential	Ground	S	58	53	58	53	58	53	59	54	0.4	0.3	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0951	Residential	Ground	E	58	53	59	54	58	53	59	55	1.1	0.9	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0952	Residential	Ground	W	56	52	57	52	57	52	58	53	0.7	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0952	Residential	Ground	S	58	54	59	54	59	54	60	55	0.9	0.7	1.2	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0952	Residential	Ground	E	59	55	60	56	60	55	61	57	1.2	1	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0952	Residential	Ground	N	55	50	56	51	55	51	56	52	0.8	0.7	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0953	Residential	Ground	W	57	52	58	53	57	53	58	54	0.8	0.6	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0953	Residential	Ground	S	59	54	60	55	59	54	61	56	1.1	0.9	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0953	Residential	Ground	E	57	52	57	53	57	53	58	54	0.6	0.4	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0953	Residential	Ground	E	57	52	57	52	57	53	58	53	0.5	0.3	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0953	Residential	Ground	E	55	50	55	50	55	51	56	52	0.5	0.3	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0953	Residential	Ground	E	56	51	57	52	57	52	57	53	0.5	0.3	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0953	Residential	Ground	N	55	50	56	51	55	51	56	52	0.8	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0953	Residential	Ground	E	55	50	55	50	55	50	56	52	0.7	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0953	Residential	Ground	N	56	51	56	51	56	51	57	52	0.6	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0962	Residential	Ground	W	57	53	58	54	58	53	59	55	1	0.7	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0962	Residential	Ground	S	60	55	61	56	61	56	62	57	1.1	0.8	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0962	Residential	Ground	S	59	55	61	56	60	55	61	57	1.2	0.9	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0962	Residential	Ground	S	60	55	61	56	61	56	62	57	1.2	0.9	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0962	Residential	Ground	E	58	53	59	54	59	54	60	55	0.8	0.5	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0962	Residential	Ground	N	54	49	54	49	54	50	55	51	0.5	0.3	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0963	Residential	Ground	N	54	49	55	50	55	50	56	51	0.8	0.6	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0963	Residential	Ground	W	55	50	55	50	55	50	56	51	0.5	0.4	0.9	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0963	Residential	Ground	N	54	50	55	50	55	50	56	51	0.4	0.2	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0963	Residential	Ground	W	57	53	59	54	58	53	59	55	1.1	1	1.4	1.6	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0963	Residential	Ground	S	60	55	61	56	60	56	62	57	1.1	0.9	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0963	Residential	Ground	S	59	54	60	55	60	55	61	57	1.2	0.9	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0963	Residential	Ground	S	59	55	61	56	60	55	61	57	1.2	0.9	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0963	Residential	Ground	E	55	50	56	51	56	51	56	52	0.7	0.5	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0971	Residential	Ground	W	58	53	58	53	58	54	59	55	0.6	0.3	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0971	Residential	Ground	S	60	56	61	56	61	56	62	57	0.7	0.5	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0971	Residential	Ground	E	57	53	58	53	58	53	59	54	0.6	0.2	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0971	Residential	Ground	N	54	49	54	49	54	50	55	51	0.5	0.3	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0972	Residential	Ground	W	57	52	57	52	57	53	58	54	0.5	0.2	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0972	Residential	Ground	S	60	56	61	56	61	56	62	57	0.7	0.4	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0972	Residential	Ground	S	60	55	61	56	61	56	62	57	0.8	0.6	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0972	Residential	Ground	S	59	54	60	55	60	55	61	56	0.9	0.5	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0972	Residential	Ground	S	59	55	60	55	60	55	61	57	0.9	0.6	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0972	Residential	Ground	E	57	52	58	53	57	53	58	54	0.7	0.3	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0972	Residential	Ground	N	54	49	55	50	55	50	55	51	0.6	0.4	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0972	Residential	Ground	E	55	50	55	50	55	51	56	52	0.6	0.4	0.9	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0972	Residential	Ground	N	54	50	55	50	55	50	56	51	0.7	0.5	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0972	Residential	Ground	W	55	51	56	51	56	51	57	52	0.4	0.2	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0973	Residential	Ground	N	54	49	55	50	55	50	55	51	0.5	0.4	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0973	Residential	Ground	W	57	52	57	53	57	53	58	54	0.7	0.5	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0973	Residential	Ground	S	59	55	60	55	60	55	61	56	0.8	0.5	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0973	Residential	Ground	S	59	54	59	54	59	54	60	56	0.8	0.6	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0973	Residential	Ground	S	59	55	60	55	60	55	61	56	0.9	0.6	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0973	Residential	Ground	E	56	52	57	52	57	52	58	53	0.5	0.3	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0974	Residential	Ground	NW	56	51	57	52	57	52	58	53	0.8	0.5	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0974	Residential	Ground	SW	59	55	60	55	60	55	61	56	0.9	0.6	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0974	Residential	Ground	E	57	52	58	53	58	53	58	54	0.6	0.4	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0974	Residential	Ground	NE	54	50	55	50	55	50	56	51	0.5	0.3	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0975	Residential	Ground	NW	57	53	58	53	58	53	58	54	0.5	0.2	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0975	Residential	Ground	SW	61	56	62	57	62	57	62	58	0.5	0.2	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0975	Residential	Ground	SE	61	57	62	57	62	57	62	58	0.4	0	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0975	Residential	Ground	NE	54	50	55	50	55	50	56	51	0.5	0.2	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0976	Residential	Ground	NW	56	51	56	51	56	51	57	52	0.5	0.2	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0976	Residential	Ground	NE	54	49	54	49	54	50	55	50	0.4	0.2	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0976	Residential	Ground	NW	57	52	58	53	57	53	58	54	0.6	0.3	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0976	Residential	Ground	SW	55	50	55	50	55	51	56	51	0.5	0.2	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0976	Residential	Ground	SE	61	56	61	56	62	57	62	58	0.4	0	0.7	0.9	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0976	Residential	Ground	SE	60	56	61	56	61	56	62	57	0.4	0.1	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0976	Residential	Ground	SE	57	52	58	53	58	53	59	54	0.8	0.5	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0976	Residential	Ground	SE	59	54	59	55	59	55	60	56	0.7	0.4	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0976	Residential	Ground	NE	55	50	55	50	55	51	56	52	0.6	0.4	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0977	Residential	Ground	NW	56	52	57	52	57	52	58	53	0.6	0.3	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0977	Residential	Ground	SW	56	52	57	52	57	52	58	53	0.6	0.4	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0977	Residential	Ground	SE	61	56	61	56	61	57	62	57	0.4	0.1	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0977	Residential	Ground	SE	60	56	61	56	61	56	62	57	0.4	0.1	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0977	Residential	Ground	SE	60	56	61	56	61	56	62	57	0.4	0.1	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0977	Residential	Ground	NE	55	50	56	51	55	51	56	52	0.8	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0978	Residential	Ground	N	54	49	54	49	54	49	55	50	0.6	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0978	Residential	Ground	W	55	51	56	51	56	51	57	52	0.9	0.8	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0978	Residential	Ground	W	55	50	55	50	55	50	56	51	0.7	0.5	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0978	Residential	Ground	W	57	52	58	53	57	52	58	54	1	0.8	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0978	Residential	Ground	W	56	52	57	52	57	52	58	53	0.8	0.7	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0978	Residential	Ground	W	57	52	58	53	57	53	58	54	0.8	0.6	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0978	Residential	Ground	S	58	54	59	54	59	54	60	55	0.8	0.6	1.1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0978	Residential	Ground	E	58	53	58	53	58	53	59	55	0.9	0.6	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0978	Residential	Ground	S	58	53	59	54	58	54	60	55	0.9	0.7	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0978	Residential	Ground	E	54	49	55	50	54	50	55	51	0.7	0.5	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0979	Residential	Ground	N	54	49	54	49	54	49	55	50	0.7	0.5	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0979	Residential	Ground	W	55	50	56	51	55	51	56	52	0.7	0.5	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0979	Residential	Ground	N	54	49	55	50	54	50	55	51	0.6	0.4	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0979	Residential	Ground	W	55	50	56	51	55	51	56	52	0.7	0.5	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0979	Residential	Ground	W	54	50	55	50	55	50	56	51	0.6	0.5	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0979	Residential	Ground	W	56	52	57	53	57	52	58	54	1.1	1	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0979	Residential	Ground	S	55	50	55	50	55	51	56	52	0.5	0.4	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0979	Residential	Ground	E	55	51	56	51	56	51	57	52	0.7	0.4	1	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0980	Residential	Ground	W	56	51	56	51	56	51	57	53	0.8	0.5	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0980	Residential	Ground	W	56	51	57	52	56	52	57	53	0.8	0.6	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0980	Residential	Ground	W	56	51	57	52	57	52	58	53	0.8	0.6	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0980	Residential	Ground	S	58	53	59	54	59	54	60	55	0.9	0.6	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0980	Residential	Ground	E	56	51	57	52	57	52	57	53	0.7	0.3	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0980	Residential	Ground	N	54	49	55	50	54	50	56	51	0.9	0.7	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0980	Residential	Ground	N	52	47	53	48	53	48	53	49	0.6	0.3	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0980	Residential	Ground	N	53	48	53	48	53	48	54	49	0.5	0.3	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0981	Residential	Ground	N	54	49	54	49	54	49	55	50	0.7	0.5	1	1.1	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.0981	Residential	Ground	W	53	48	54	49	54	49	54	50	0.5	0.3	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0981	Residential	Ground	N	53	48	53	48	53	48	54	49	0.5	0.3	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0981	Residential	Ground	W	55	50	56	51	55	51	57	52	0.9	0.7	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0981	Residential	Ground	S	58	53	59	54	58	54	59	55	0.7	0.5	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0981	Residential	Ground	E	56	51	56	51	56	52	57	53	0.7	0.3	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0982	Residential	Ground	N	54	50	55	50	55	50	56	51	0.8	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0982	Residential	Ground	N	52	48	53	48	53	48	54	49	0.5	0.3	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0982	Residential	Ground	N	53	48	53	48	53	49	54	49	0.5	0.4	0.8	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0982	Residential	Ground	W	55	51	56	51	56	51	57	52	0.7	0.5	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0982	Residential	Ground	W	56	51	57	52	56	52	57	53	0.8	0.5	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0982	Residential	Ground	W	56	51	57	52	56	52	57	53	0.7	0.5	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0982	Residential	Ground	S	58	54	59	54	59	54	60	55	1	0.7	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0982	Residential	Ground	E	56	52	57	52	57	52	58	53	0.7	0.4	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0983	Residential	Ground	NE	54	49	55	50	54	50	55	51	1.1	0.9	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0983	Residential	Ground	NW	54	49	55	50	55	50	55	51	0.6	0.4	0.8	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0983	Residential	Ground	NW	53	48	54	49	54	49	54	50	0.4	0.3	0.8	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0983	Residential	Ground	NW	56	51	56	52	56	52	57	53	0.7	0.4	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0983	Residential	Ground	NW	56	51	56	51	56	52	57	53	0.7	0.4	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0983	Residential	Ground	NW	56	51	57	52	57	52	57	53	0.6	0.4	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0983	Residential	Ground	SW	58	53	59	54	59	54	60	55	1.1	0.8	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0983	Residential	Ground	SE	58	53	59	54	58	54	60	55	1.3	1	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0984	Residential	Ground	W	56	52	57	52	57	52	58	53	0.8	0.6	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0984	Residential	Ground	S	57	52	58	53	58	53	59	54	1	0.8	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0984	Residential	Ground	E	56	52	58	53	57	52	59	54	1.3	1	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0984	Residential	Ground	N	54	49	54	50	54	49	55	51	0.9	0.7	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0985	Residential	Ground	NW	56	51	57	52	56	52	58	53	1.1	0.9	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0985	Residential	Ground	S	53	48	54	49	54	49	55	50	0.8	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0985	Residential	Ground	E	57	52	58	53	57	52	59	54	1.3	1	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0985	Residential	Ground	N	53	49	54	49	54	49	55	50	1	0.8	1.2	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0986	Residential	Ground	W	56	51	57	52	56	52	57	53	0.9	0.6	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0986	Residential	Ground	S	58	53	59	54	58	54	60	55	1.2	0.9	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0986	Residential	Ground	W	57	53	59	54	58	53	60	55	1.3	1	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0986	Residential	Ground	S	59	55	60	56	60	55	61	57	1.3	1.1	1.6	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0986	Residential	Ground	E	57	52	58	53	57	53	59	54	1.4	1.1	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0986	Residential	Ground	N	53	48	54	49	53	49	54	50	0.8	0.7	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0987	Residential	Ground	W	53	48	53	49	53	49	54	50	0.7	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0987	Residential	Ground	W	52	47	53	48	52	48	53	49	0.6	0.4	0.8	1	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04B	NCA04B.RES.0987	Residential	Ground	W	55	50	56	51	56	51	57	52	1	0.7	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0987	Residential	Ground	W	56	51	57	52	57	52	58	54	1.1	1	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0987	Residential	Ground	W	57	52	58	53	57	53	59	54	1.2	0.9	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0987	Residential	Ground	S	58	54	60	55	59	54	61	56	1.4	1.2	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0987	Residential	Ground	E	57	52	58	53	58	53	59	54	1.2	0.9	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0987	Residential	Ground	E	57	52	58	53	57	53	59	54	1.2	0.9	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0987	Residential	Ground	E	56	52	57	53	57	52	58	54	1.1	0.9	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0987	Residential	Ground	E	54	49	55	50	54	49	55	51	1	0.8	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0987	Residential	Ground	E	55	50	56	51	56	51	57	52	1	0.9	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0987	Residential	Ground	N	53	48	54	49	53	49	55	50	0.8	0.7	1.1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0988	Residential	Ground	N	52	48	53	48	53	48	54	49	0.8	0.6	1.1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0988	Residential	Ground	N	52	47	53	48	53	48	54	49	0.9	0.8	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0988	Residential	Ground	W	54	50	55	50	55	50	56	51	0.9	0.6	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0988	Residential	Ground	S	57	52	58	53	58	53	59	55	1.2	1.1	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0988	Residential	Ground	S	57	53	59	54	58	53	59	55	1.3	1	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0988	Residential	Ground	S	58	53	59	54	58	54	60	55	1.3	1.1	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0988	Residential	Ground	E	55	50	56	51	56	51	57	52	1	0.7	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0989	Residential	Ground	W	53	48	53	49	53	49	54	50	0.8	0.5	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0989	Residential	Ground	S	57	53	58	53	58	53	59	55	1	0.7	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0989	Residential	Ground	E	55	50	56	51	55	51	56	52	0.9	0.7	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0989	Residential	Ground	N	51	47	53	48	52	47	53	49	1.1	0.9	1.3	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0989	Residential	Ground	N	51	46	52	47	52	47	53	48	1.2	1	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0989	Residential	Ground	N	51	46	52	47	51	47	53	48	1.1	1	1.3	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0990	Residential	Ground	N	53	48	54	49	53	48	54	50	1	0.8	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0990	Residential	Ground	N	52	47	53	48	53	48	53	49	0.6	0.4	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0990	Residential	Ground	N	52	48	53	48	53	48	54	49	0.6	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0990	Residential	Ground	N	52	47	52	47	52	47	53	48	0.5	0.4	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0990	Residential	Ground	N	52	47	53	48	53	48	53	49	0.5	0.4	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0990	Residential	Ground	W	55	50	56	51	55	51	57	52	0.9	0.6	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0990	Residential	Ground	S	57	52	58	53	58	53	59	54	1.1	0.9	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0990	Residential	Ground	E	53	48	54	49	53	49	55	50	0.8	0.6	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0991	Residential	Ground	W	56	51	57	52	56	52	58	53	1	0.8	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0991	Residential	Ground	S	57	52	58	53	57	53	58	54	0.9	0.7	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0991	Residential	Ground	E	55	51	56	51	56	51	57	52	0.8	0.6	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0991	Residential	Ground	N	52	48	53	48	53	48	54	49	0.9	0.7	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0991	Residential	Ground	N	53	48	54	49	53	49	54	50	0.9	0.8	1.2	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0991	Residential	Ground	N	53	48	54	49	54	49	55	50	0.8	0.7	1.1	1.1	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04B	NCA04B.RES.0992	Residential	Ground	N	53	49	54	50	54	49	55	51	1.2	1	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0992	Residential	Ground	W	55	50	56	51	55	51	57	52	1	0.8	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0992	Residential	Ground	S	56	52	57	53	57	52	58	54	1.2	1	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0992	Residential	Ground	W	56	52	58	53	57	52	58	54	1.1	0.9	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0992	Residential	Ground	S	59	54	60	55	59	54	61	56	1.4	1.2	1.7	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0992	Residential	Ground	E	57	53	59	54	58	53	59	55	1.4	1.2	1.6	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0993	Residential	Ground	W	55	50	56	51	55	51	57	52	1.2	1	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0993	Residential	Ground	S	58	53	59	55	59	54	60	56	1.4	1.1	1.6	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0993	Residential	Ground	W	58	53	59	54	58	53	60	55	1.2	1	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0993	Residential	Ground	S	59	54	60	55	59	55	61	57	1.6	1.4	1.9	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0993	Residential	Ground	E	57	52	58	53	57	53	59	54	1.1	0.9	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0993	Residential	Ground	N	53	48	54	49	53	49	55	50	1	0.8	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0994	Residential	Ground	W	55	50	56	51	55	51	57	52	1.1	0.8	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0994	Residential	Ground	S	56	52	58	53	57	52	59	54	1.3	1.2	1.6	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0994	Residential	Ground	W	57	52	58	53	57	53	59	54	1.3	1.1	1.6	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0994	Residential	Ground	S	59	54	60	55	59	54	61	56	1.7	1.4	1.9	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0994	Residential	Ground	E	57	53	59	54	58	53	60	55	1.7	1.4	1.9	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0994	Residential	Ground	E	57	53	59	54	58	53	59	55	1.6	1.3	1.8	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0994	Residential	Ground	E	56	51	57	52	56	52	57	53	0.9	0.7	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0994	Residential	Ground	N	53	48	54	49	53	49	54	50	0.8	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0995	Residential	Ground	W	55	50	56	51	55	50	56	52	1.1	0.9	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0995	Residential	Ground	W	54	49	54	49	54	49	55	50	0.8	0.6	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0995	Residential	Ground	W	56	52	58	53	57	52	58	54	1.4	1.2	1.6	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0995	Residential	Ground	W	56	52	58	53	57	52	59	54	1.4	1.3	1.6	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0995	Residential	Ground	W	57	52	58	54	58	53	59	55	1.4	1.2	1.6	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0995	Residential	Ground	S	59	54	60	55	59	55	61	57	1.7	1.5	1.8	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0995	Residential	Ground	E	57	52	58	53	57	53	59	54	1.1	0.9	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0995	Residential	Ground	N	52	47	53	48	53	48	54	49	0.6	0.5	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0995	Residential	Ground	E	54	50	55	50	55	50	56	51	0.8	0.5	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0995	Residential	Ground	N	53	48	54	49	54	49	55	50	0.8	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0996	Residential	Ground	W	55	50	56	51	55	51	57	53	1.4	1.2	1.7	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0996	Residential	Ground	S	55	50	55	51	55	51	56	52	0.6	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0996	Residential	Ground	E	56	51	57	52	56	52	58	53	1.1	0.8	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0996	Residential	Ground	E	56	51	57	52	56	52	58	53	1.1	0.9	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0996	Residential	Ground	E	56	52	57	53	57	52	58	54	1.3	1	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0996	Residential	Ground	N	53	48	54	49	53	49	55	50	1.1	0.9	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0997	Residential	Ground	W	55	50	56	51	55	51	56	52	0.9	0.7	1.1	1.3	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04B	NCA04B.RES.0997	Residential	Ground	S	57	53	59	54	58	53	60	55	1.5	1.3	1.7	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0997	Residential	Ground	E	57	52	58	53	57	53	59	55	1.6	1.3	1.8	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0997	Residential	Ground	N	53	48	54	49	53	49	55	50	1.2	1.1	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0998	Residential	Ground	W	54	49	55	50	55	50	56	51	1	0.9	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0998	Residential	Ground	W	53	48	54	49	54	49	55	50	0.7	0.7	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0998	Residential	Ground	W	54	50	56	51	55	50	56	52	1.4	1.3	1.6	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0998	Residential	Ground	W	53	49	54	50	54	49	55	51	0.9	0.8	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0998	Residential	Ground	W	55	50	56	52	55	51	57	53	1.4	1.2	1.7	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0998	Residential	Ground	S	53	48	54	49	54	49	55	50	1.1	1	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0998	Residential	Ground	E	56	52	58	53	57	52	59	54	1.5	1.3	1.8	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0998	Residential	Ground	N	53	48	54	49	53	49	55	50	1.2	1	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0999	Residential	Ground	S	55	50	56	51	55	51	57	52	1.1	0.9	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0999	Residential	Ground	E	56	52	58	53	57	52	59	54	1.6	1.3	1.7	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0999	Residential	Ground	N	53	48	55	50	54	49	55	51	1.6	1.4	1.7	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0999	Residential	Ground	E	53	48	55	50	54	49	55	51	1.6	1.4	1.7	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0999	Residential	Ground	N	52	48	53	48	53	48	54	49	1	0.9	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.0999	Residential	Ground	W	55	50	56	51	55	51	57	52	1.5	1.2	1.7	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1000	Residential	Ground	W	54	50	55	51	55	50	56	52	1	0.8	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1000	Residential	Ground	S	57	52	58	54	57	53	59	55	1.6	1.3	1.7	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1000	Residential	Ground	E	57	52	58	53	57	53	59	55	1.6	1.4	1.8	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1000	Residential	Ground	N	53	48	54	50	54	49	55	51	1.3	1.2	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1000	Residential	Ground	E	53	49	55	50	54	49	55	51	1.3	1.2	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1000	Residential	Ground	N	53	48	54	49	53	49	55	50	1.2	1.1	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1001	Residential	Ground	SW	56	51	57	52	56	52	58	53	1.3	1	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1001	Residential	Ground	SE	57	52	59	54	57	53	59	55	1.8	1.6	1.9	2.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1001	Residential	Ground	SE	57	52	58	54	57	53	59	55	1.7	1.5	1.9	2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1001	Residential	Ground	NE	52	48	54	49	53	48	55	50	1.6	1.3	1.7	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1001	Residential	Ground	NW	49	44	49	44	49	44	50	45	0.4	0.3	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1001	Residential	Ground	NW	47	42	47	42	47	42	48	43	0.6	0.5	0.8	1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1001	Residential	Ground	NW	50	46	51	47	51	46	52	48	1	0.9	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1002	Residential	Ground	W	54	50	55	51	55	50	56	52	1.3	1	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1002	Residential	Ground	S	57	52	58	53	57	53	59	55	1.5	1.2	1.6	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1002	Residential	Ground	S	57	52	58	53	57	53	59	55	1.4	1.1	1.6	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1002	Residential	Ground	E	55	51	56	52	56	51	57	53	1.1	0.9	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1002	Residential	Ground	N	52	47	53	48	53	48	54	49	1	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1002	Residential	Ground	N	52	47	53	48	52	47	53	49	1	0.9	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1002	Residential	Ground	N	52	47	53	48	53	48	54	49	1	0.9	1.1	1.2	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.1003	Residential	Ground	W	54	50	55	51	55	50	56	52	1	0.9	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1003	Residential	Ground	S	56	51	57	52	56	52	58	53	1.2	1.1	1.5	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1003	Residential	Ground	E	55	51	57	52	56	51	57	53	1.4	1.1	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1003	Residential	Ground	E	55	51	57	52	56	51	57	53	1.4	1.2	1.6	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1003	Residential	Ground	E	56	51	57	52	56	51	58	53	1.4	1.2	1.6	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1003	Residential	Ground	E	55	51	57	52	56	51	57	53	1.4	1.1	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1003	Residential	Ground	E	56	51	57	52	56	52	58	53	1.4	1.1	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1003	Residential	Ground	N	52	47	53	48	53	48	54	49	0.9	0.7	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1004	Residential	Ground	N	52	48	53	49	53	48	54	50	1.1	0.9	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1004	Residential	Ground	W	54	49	55	50	54	50	56	51	1.1	0.9	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1004	Residential	Ground	W	54	49	55	50	54	49	55	51	1.1	0.9	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1004	Residential	Ground	W	53	49	54	50	54	49	55	51	1.1	0.9	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1004	Residential	Ground	S	53	48	53	49	53	48	54	50	0.8	0.7	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1004	Residential	Ground	E	56	51	57	52	56	52	58	53	1.3	1	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1005	Residential	Ground	N	52	47	53	48	52	48	53	49	1	0.9	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1005	Residential	Ground	W	54	49	55	50	55	50	56	51	0.9	0.7	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1005	Residential	Ground	S	54	50	55	50	55	50	56	52	1	0.8	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1005	Residential	Ground	W	53	49	54	50	54	49	55	51	1.1	0.9	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1005	Residential	Ground	S	53	49	54	50	54	49	55	51	1	0.8	1.2	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1005	Residential	Ground	E	56	51	57	52	56	52	58	53	1.2	1	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1005	Residential	Ground	N	53	48	54	49	53	48	54	50	1.2	1	1.4	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1005	Residential	Ground	E	53	49	55	50	54	49	55	51	1.2	1	1.4	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1006	Residential	Ground	W	52	48	53	48	53	48	54	50	1.1	0.9	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1006	Residential	Ground	S	55	51	57	52	56	51	58	53	1.3	1.1	1.6	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1006	Residential	Ground	E	54	50	56	51	55	50	56	52	1.2	1	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1006	Residential	Ground	N	52	47	53	48	52	47	54	49	1.5	1.4	1.7	1.8	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1006	Residential	Ground	E	52	47	53	48	52	47	54	49	1.6	1.5	1.7	1.9	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1006	Residential	Ground	N	52	47	54	49	53	48	54	50	1.5	1.5	1.7	1.8	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1006	Residential	Ground	N	52	47	54	49	52	48	54	50	1.7	1.5	1.8	1.8	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1006	Residential	Ground	N	52	48	54	49	53	48	55	50	1.7	1.6	1.9	2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1007	Residential	Ground	W	53	49	54	49	54	49	55	50	0.9	0.7	1.1	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1007	Residential	Ground	S	54	49	55	50	55	50	56	51	0.8	0.6	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1007	Residential	Ground	W	54	49	54	50	54	49	55	51	0.9	0.7	1.1	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1007	Residential	Ground	S	55	50	56	51	56	51	57	52	1	0.8	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1007	Residential	Ground	E	53	49	54	49	54	49	55	51	0.9	0.7	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1007	Residential	Ground	N	51	46	52	47	51	47	53	48	1.3	1.1	1.4	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1007	Residential	Ground	E	51	47	53	48	52	47	54	49	1.4	1.2	1.6	1.7	59	54	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04B	NCA04B.RES.1007	Residential	Ground	N	52	47	53	49	53	48	54	49	1.4	1.3	1.5	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1008	Residential	Ground	W	52	48	53	48	53	48	54	49	0.8	0.6	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1008	Residential	Ground	S	54	49	55	50	55	50	56	51	0.9	0.7	1.1	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1008	Residential	Ground	S	54	49	55	50	54	49	55	51	0.9	0.7	1.1	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1008	Residential	Ground	S	54	50	55	50	55	50	56	51	0.9	0.7	1.1	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1008	Residential	Ground	E	50	46	51	46	51	46	52	47	0.8	0.7	1	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1008	Residential	Ground	N	52	48	54	49	53	48	54	50	1.4	1.3	1.5	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1008	Residential	Ground	E	52	47	54	49	53	48	54	50	1.4	1.3	1.6	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1008	Residential	Ground	N	52	48	54	49	53	48	54	50	1.3	1.2	1.5	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1009	Residential	Ground	W	53	48	54	49	53	49	54	50	0.8	0.7	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1009	Residential	Ground	S	54	50	56	51	55	50	56	52	1.1	0.9	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1009	Residential	Ground	E	55	50	56	51	55	51	57	52	1.3	1	1.4	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1009	Residential	Ground	N	53	48	54	49	53	49	55	50	1.2	1.1	1.4	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1009	Residential	Ground	E	53	48	54	49	54	49	55	50	1.2	1.1	1.3	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1009	Residential	Ground	N	52	47	53	48	53	48	54	49	1.1	1	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1010	Residential	Ground	W	55	51	57	52	56	51	57	53	1.3	1	1.5	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1010	Residential	Ground	S	56	52	58	53	57	52	58	54	1.2	0.9	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1010	Residential	Ground	W	56	52	57	53	57	52	58	54	1.2	1	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1010	Residential	Ground	S	56	52	58	53	57	52	58	54	1.2	0.9	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1010	Residential	Ground	W	56	52	58	53	57	52	58	54	1.2	0.9	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1010	Residential	Ground	S	57	53	58	54	58	53	59	55	1.3	1.1	1.6	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1010	Residential	Ground	E	56	51	57	52	56	52	58	53	1.3	1	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1010	Residential	Ground	N	52	47	53	48	53	48	54	49	1	1	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1011	Residential	Ground	W	56	51	57	52	56	51	57	53	1	0.7	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1011	Residential	Ground	S	57	53	59	54	58	53	59	55	1.3	1.1	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1011	Residential	Ground	E	56	51	57	53	57	52	58	54	1.3	1.1	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1011	Residential	Ground	N	53	48	54	49	53	49	54	50	1	0.9	1.2	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1012	Residential	Ground	W	55	50	56	51	55	51	56	52	0.9	0.6	1.1	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1012	Residential	Ground	S	57	53	58	54	58	53	59	55	1.2	1	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1012	Residential	Ground	E	56	52	58	53	57	52	58	54	1.2	1	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1012	Residential	Ground	S	56	52	58	53	57	52	58	54	1.3	1	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1012	Residential	Ground	E	56	51	57	52	56	52	58	53	1.2	0.9	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1013	Residential	Ground	W	53	49	54	49	54	49	55	51	0.8	0.6	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1013	Residential	Ground	S	57	52	58	53	57	53	59	54	1.1	0.8	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1013	Residential	Ground	S	57	52	58	53	57	52	58	54	1	0.8	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1013	Residential	Ground	S	57	53	58	53	58	53	59	55	1.1	0.9	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1013	Residential	Ground	E	54	50	55	50	55	50	56	52	1	0.7	1.3	1.4	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.1013	Residential	Ground	N	48	43	49	44	49	44	49	45	0.8	0.5	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1013	Residential	Ground	E	48	43	49	44	48	44	49	45	0.7	0.5	0.9	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1013	Residential	Ground	N	49	44	50	45	49	44	51	46	1.2	1.1	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1014	Residential	Ground	W	55	50	56	51	55	51	57	52	1	0.7	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1014	Residential	Ground	S	57	52	58	53	57	53	59	54	1.1	0.9	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1014	Residential	Ground	E	54	50	55	50	55	50	56	52	1	0.7	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1014	Residential	Ground	N	52	47	53	48	52	47	53	49	0.9	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1015	Residential	Ground	W	54	50	56	51	55	50	56	52	1.1	1	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1015	Residential	Ground	S	55	51	56	52	56	51	57	53	1.1	0.8	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1015	Residential	Ground	S	55	50	56	51	56	51	57	52	1	0.8	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1015	Residential	Ground	E	54	49	55	50	54	50	56	51	1.1	0.9	1.3	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1015	Residential	Ground	SE	53	48	54	49	53	49	55	50	1.1	0.9	1.3	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1015	Residential	Ground	SE	53	49	55	50	54	49	55	51	1.2	1	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1015	Residential	Ground	NE	52	48	54	49	53	48	54	50	1.2	1	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1015	Residential	Ground	NE	52	47	53	48	53	48	54	49	1.1	0.9	1.3	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1015	Residential	Ground	N	52	47	53	48	53	48	54	49	0.9	0.7	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1015	Residential	Ground	W	53	48	54	49	53	49	55	50	1.1	1	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1015	Residential	Ground	W	52	47	53	48	53	48	54	49	0.8	0.7	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1016	Residential	Ground	W	54	50	55	51	55	50	56	52	1.1	0.8	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1016	Residential	Ground	S	53	49	54	49	54	49	55	50	0.9	0.7	1.2	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1016	Residential	Ground	SE	54	50	55	50	55	50	56	51	1	0.7	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1016	Residential	Ground	N	52	47	53	48	52	48	53	49	1	0.8	1.2	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1016	Residential	Ground	E	52	47	53	48	52	48	53	49	0.9	0.8	1.2	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1016	Residential	Ground	N	52	47	53	48	52	48	54	49	1	0.8	1.2	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1016	Residential	Ground	W	53	48	54	49	53	49	54	50	0.9	0.7	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1016	Residential	Ground	N	51	47	52	47	52	47	53	48	0.6	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1017	Residential	Ground	W	53	48	54	49	54	49	55	50	0.8	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1017	Residential	Ground	S	55	50	56	51	56	51	57	52	0.8	0.6	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1017	Residential	Ground	E	55	50	56	51	55	50	56	52	1	0.8	1.3	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1017	Residential	Ground	S	55	50	56	51	55	51	56	52	1	0.7	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1017	Residential	Ground	S	55	50	55	50	55	50	56	52	0.7	0.5	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1017	Residential	Ground	S	56	51	57	52	56	52	57	53	1	0.7	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1017	Residential	Ground	E	53	48	54	49	53	49	54	50	0.9	0.7	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1017	Residential	Ground	NE	52	47	53	48	53	48	54	49	0.9	0.8	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1017	Residential	Ground	NE	52	47	53	48	52	47	53	49	1	1	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1017	Residential	Ground	N	52	48	53	48	53	48	54	49	1	0.9	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1018	Residential	Ground	W	53	48	54	49	53	49	54	50	0.8	0.6	1.1	1.2	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04B	NCA04B.RES.1018	Residential	Ground	SW	55	51	56	51	56	51	57	53	1	0.8	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1018	Residential	Ground	E	54	49	55	50	55	50	56	51	0.8	0.6	1.1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1018	Residential	Ground	NE	52	47	53	48	53	48	54	49	0.8	0.7	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1019	Residential	Ground	N	52	47	53	48	53	48	54	49	0.8	0.7	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1019	Residential	Ground	NW	53	48	54	49	53	49	55	50	0.9	0.6	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1019	Residential	Ground	NW	52	47	52	47	52	47	53	48	0.7	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1019	Residential	Ground	W	54	50	55	50	55	50	56	51	0.8	0.6	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1019	Residential	Ground	S	56	51	57	52	57	52	58	54	1.2	1	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1019	Residential	Ground	E	56	51	57	52	56	52	58	53	1.3	1.1	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1020	Residential	Ground	W	54	49	55	50	55	50	56	51	0.7	0.5	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1020	Residential	Ground	W	54	49	54	49	54	49	55	51	0.8	0.5	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1020	Residential	Ground	W	54	49	55	50	54	50	55	51	0.8	0.6	1.1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1020	Residential	Ground	S	52	48	53	48	53	48	54	49	0.8	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1020	Residential	Ground	E	56	51	57	52	56	52	58	53	1.3	1.1	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1020	Residential	Ground	N	53	48	54	49	53	48	54	50	1	0.9	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1021	Residential	Ground	NW	54	49	55	50	54	49	55	51	1.1	0.9	1.4	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1021	Residential	Ground	NW	53	48	54	49	54	49	55	51	1.2	1	1.4	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1021	Residential	Ground	NW	53	49	55	50	54	49	55	51	1.2	0.9	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1021	Residential	Ground	NW	53	48	54	49	53	48	55	50	1.2	1.1	1.5	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1021	Residential	Ground	NW	53	49	54	50	54	49	55	51	1.1	1	1.4	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1021	Residential	Ground	S	54	50	55	50	55	50	56	51	0.8	0.6	1	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1021	Residential	Ground	E	54	49	55	50	54	50	56	51	1.2	0.9	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1021	Residential	Ground	S	54	49	55	50	54	50	56	51	1.1	0.9	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1021	Residential	Ground	E	54	49	55	51	55	50	56	52	1.2	1.1	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1021	Residential	Ground	N	49	44	50	45	50	45	51	46	1.1	1	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1022	Residential	Ground	W	54	49	55	50	55	50	56	51	0.7	0.5	1	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1022	Residential	Ground	SW	55	50	55	51	55	50	56	52	0.9	0.7	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1022	Residential	Ground	E	56	51	57	52	56	52	58	53	1.3	1	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1022	Residential	Ground	E	55	50	56	51	55	51	57	52	1.3	1	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1022	Residential	Ground	N	52	48	53	49	53	48	54	50	1	0.9	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1023	Residential	Ground	NE	51	46	52	47	52	47	53	48	0.8	0.6	1	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1023	Residential	Ground	SE	52	47	53	48	52	48	54	49	0.8	0.6	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1023	Residential	Ground	NE	52	47	53	48	52	48	53	49	1	0.8	1.2	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1023	Residential	Ground	W	52	47	53	48	52	47	53	49	0.8	0.7	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1023	Residential	Ground	W	51	46	52	47	52	47	52	48	0.6	0.5	0.8	0.9	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1023	Residential	Ground	NW	53	49	55	50	54	49	55	51	1.1	0.9	1.3	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1023	Residential	Ground	SW	49	45	50	46	50	45	51	47	1.1	1	1.3	1.4	59	54	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04B	NCA04B.RES.1023	Residential	Ground	SE	55	50	56	51	55	51	57	52	1.2	1	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1024	Residential	Ground	NW	54	49	55	50	54	50	56	51	0.9	0.8	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1024	Residential	Ground	S	56	51	57	52	56	51	57	53	1	0.8	1.3	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1024	Residential	Ground	E	55	50	56	51	56	51	57	52	1.3	1	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1024	Residential	Ground	SW	55	51	57	52	56	51	57	53	1.3	1.1	1.5	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1024	Residential	Ground	E	55	50	56	52	56	51	57	53	1.3	1.1	1.5	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1024	Residential	Ground	NE	52	47	52	48	52	47	53	49	0.9	0.8	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1025	Residential	Ground	NW	52	47	53	48	52	48	53	49	0.8	0.7	1.1	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1025	Residential	Ground	NE	51	46	51	47	51	47	52	48	0.5	0.4	0.9	1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1025	Residential	Ground	NW	53	48	54	49	54	49	55	50	1.1	0.9	1.3	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1025	Residential	Ground	SW	52	48	53	48	53	48	54	49	0.9	0.7	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1025	Residential	Ground	SE	54	49	55	50	54	50	56	51	1.2	1	1.4	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1025	Residential	Ground	NE	52	47	53	48	52	48	54	49	1.1	0.9	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1026	Residential	Ground	NE	52	48	54	49	53	48	55	50	1.6	1.5	1.7	1.8	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1026	Residential	Ground	NW	52	47	52	48	52	47	53	49	0.7	0.6	0.9	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1026	Residential	Ground	N	51	46	51	46	51	46	52	47	0.7	0.6	1	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1026	Residential	Ground	NW	54	49	55	50	54	49	55	51	0.9	0.7	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1026	Residential	Ground	SW	52	47	53	48	52	47	53	49	0.9	0.7	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1026	Residential	Ground	SE	55	50	56	51	55	51	57	52	1.4	1.2	1.6	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1027	Residential	Ground	N	51	46	53	48	52	47	53	49	1.3	1.3	1.5	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1027	Residential	Ground	W	51	46	52	47	52	47	53	48	0.6	0.5	0.9	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1027	Residential	Ground	N	51	46	52	47	52	47	52	48	0.6	0.5	0.9	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1027	Residential	Ground	W	54	49	55	50	54	49	55	51	1	0.9	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1027	Residential	Ground	W	54	49	55	50	54	50	56	51	1	0.8	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1027	Residential	Ground	S	53	49	54	49	54	49	55	50	0.9	0.8	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1027	Residential	Ground	E	52	48	53	48	53	48	54	49	0.9	0.8	1.2	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1027	Residential	Ground	E	53	48	54	50	54	49	55	51	1.3	1.1	1.5	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1028	Residential	Ground	W	53	48	54	49	53	49	55	50	0.9	0.7	1.1	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1028	Residential	Ground	SW	53	48	54	49	54	49	55	50	0.8	0.6	1	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1028	Residential	Ground	W	53	48	54	49	53	49	54	50	0.8	0.6	1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1028	Residential	Ground	SW	54	49	55	50	54	50	56	51	1.2	1	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1028	Residential	Ground	E	54	50	56	51	55	50	57	52	1.4	1.2	1.6	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1028	Residential	Ground	SW	54	50	56	51	55	50	57	52	1.5	1.2	1.6	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1028	Residential	Ground	SE	55	50	56	51	55	51	57	52	1.3	1.2	1.5	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1028	Residential	Ground	SE	54	50	56	51	55	50	56	52	1.4	1.2	1.6	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1028	Residential	Ground	E	55	50	56	51	55	50	57	52	1.4	1.3	1.5	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1028	Residential	Ground	N	51	46	51	47	51	46	52	48	0.9	0.8	1.1	1.2	59	54	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.1029	Residential	Ground	NW	52	47	53	48	53	48	54	49	0.9	0.7	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1029	Residential	Ground	SW	49	44	50	45	49	45	51	46	1.1	0.9	1.1	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1029	Residential	Ground	E	54	49	55	50	54	49	55	51	1.2	1.1	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1029	Residential	Ground	N	52	48	54	49	53	48	54	50	1.3	1.2	1.3	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1029	Residential	Ground	SE	53	49	55	50	54	49	55	51	1.2	1.1	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1029	Residential	Ground	N	52	47	54	49	53	48	54	50	1.4	1.3	1.5	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1029	Residential	Ground	N	52	47	53	48	52	48	54	49	1.4	1.4	1.5	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1029	Residential	Ground	N	52	47	54	49	53	48	54	50	1.5	1.4	1.5	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1030	Residential	Ground	W	53	48	54	49	53	49	55	50	1.1	0.9	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1030	Residential	Ground	S	54	49	55	50	54	50	56	51	1	0.7	1.3	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1030	Residential	Ground	W	54	49	55	50	54	50	56	51	1	0.8	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1030	Residential	Ground	S	55	50	56	51	56	51	57	52	1.2	1	1.4	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1030	Residential	Ground	E	51	46	52	47	52	47	53	48	0.9	0.6	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1030	Residential	Ground	N	52	47	53	48	52	47	53	49	1	1.1	1.2	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1030	Residential	Ground	N	50	45	50	45	50	45	51	46	0.7	0.7	1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1030	Residential	Ground	N	50	45	51	46	51	46	52	47	0.7	0.7	0.9	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1031	Residential	Ground	W	51	46	52	47	52	47	53	48	0.9	0.6	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1031	Residential	Ground	S	55	50	56	51	56	51	57	52	1.2	1	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1031	Residential	Ground	E	54	50	56	51	55	50	56	52	1.3	1	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1031	Residential	Ground	S	55	50	56	51	55	51	57	52	1.2	1	1.4	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1031	Residential	Ground	E	54	49	55	50	54	50	55	51	1.1	0.9	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1031	Residential	Ground	N	51	46	53	48	52	47	53	49	1.4	1.3	1.6	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1032	Residential	Ground	NW	50	45	51	46	50	45	51	47	0.8	0.7	1	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1032	Residential	Ground	NE	51	46	52	48	52	47	53	48	1.3	1.3	1.4	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1032	Residential	Ground	NW	52	47	53	48	52	48	54	49	1.1	0.9	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1032	Residential	Ground	SW	53	48	54	49	54	49	55	50	1.1	0.9	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1032	Residential	Ground	NW	52	48	53	49	53	48	54	50	1	0.9	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1032	Residential	Ground	SW	54	50	56	51	55	50	56	52	1.1	0.9	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1032	Residential	Ground	SE	51	46	52	47	51	46	52	48	1	0.9	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1032	Residential	Ground	NE	53	48	54	49	53	48	55	50	1.4	1.3	1.5	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1033	Residential	Ground	NW	51	46	52	47	51	47	53	48	1.1	0.9	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1033	Residential	Ground	SW	55	50	56	51	55	50	56	52	1.1	0.9	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1033	Residential	Ground	SE	54	50	56	51	55	50	56	52	1.3	1.1	1.5	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1033	Residential	Ground	SE	54	49	55	50	55	50	56	52	1.3	1	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1033	Residential	Ground	SW	54	49	55	50	55	50	56	51	1.2	1	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1033	Residential	Ground	SW	54	50	55	51	55	50	56	52	1.1	1	1.4	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1033	Residential	Ground	SE	54	49	55	50	54	50	56	51	1.2	1.1	1.5	1.6	59	54	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04B	NCA04B.RES.1033	Residential	Ground	NE	52	47	53	48	52	48	53	49	1	0.8	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1033	Residential	Ground	SE	52	47	53	48	52	48	54	49	1.1	1	1.3	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1033	Residential	Ground	NE	52	48	54	49	53	48	54	50	1.3	1.2	1.5	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1034	Residential	Ground	W	59	54	59	55	59	55	60	56	0.8	0.6	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1034	Residential	Ground	S	58	54	59	54	59	54	60	56	0.9	0.6	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1034	Residential	Ground	E	56	51	57	52	56	52	58	53	1.2	0.9	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1034	Residential	Ground	N	54	49	55	50	55	50	56	51	0.8	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1035	Residential	Ground	W	55	51	56	52	56	51	57	53	1	0.8	1.3	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1035	Residential	Ground	S	59	54	60	56	60	55	61	57	1.4	1.1	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1035	Residential	Ground	E	56	51	57	52	56	52	58	53	1.2	0.9	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1035	Residential	Ground	N	54	49	55	50	55	50	56	51	0.8	0.8	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1035	Residential	Ground	N	51	47	52	47	52	47	53	48	0.5	0.4	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1035	Residential	Ground	N	53	49	54	49	54	49	55	50	0.9	0.7	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1036	Residential	Ground	W	56	51	57	52	56	52	57	53	0.9	0.8	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1036	Residential	Ground	S	58	53	59	54	58	54	60	55	1.4	1.2	1.6	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1036	Residential	Ground	W	58	53	59	54	58	54	60	56	1.5	1.2	1.7	1.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1036	Residential	Ground	S	60	55	61	56	60	56	62	57	1.6	1.3	1.8	1.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1036	Residential	Ground	E	56	52	58	53	57	52	59	54	1.5	1.3	1.6	1.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1036	Residential	Ground	N	54	50	56	51	55	50	56	52	1.1	0.9	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1037	Residential	Ground	W	56	51	57	52	56	52	58	53	1	0.7	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1037	Residential	Ground	S	58	54	59	55	59	54	60	56	1.3	1	1.4	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1037	Residential	Ground	W	58	53	59	54	58	54	60	55	1.3	1	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1037	Residential	Ground	S	59	55	61	56	60	55	61	57	1.2	0.9	1.4	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1037	Residential	Ground	E	56	52	57	52	57	52	58	54	0.9	0.6	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1037	Residential	Ground	N	55	50	56	51	55	51	57	52	1	0.9	1.1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1038	Residential	Ground	N	55	50	56	51	56	51	57	52	0.8	0.8	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1038	Residential	Ground	N	52	48	53	48	53	48	54	49	0.3	0.2	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1038	Residential	Ground	N	54	50	55	50	55	50	56	51	1	0.8	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1038	Residential	Ground	W	56	51	56	51	56	51	57	52	0.6	0.4	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1038	Residential	Ground	S	57	53	58	53	58	53	59	54	1.1	0.8	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1038	Residential	Ground	W	57	52	57	52	57	53	58	54	0.7	0.4	1	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1038	Residential	Ground	S	59	54	60	55	60	55	61	56	0.9	0.6	1.1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1038	Residential	Ground	E	56	51	57	52	56	52	57	53	0.7	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1039	Residential	Ground	W	56	51	56	51	56	52	57	53	0.8	0.5	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1039	Residential	Ground	S	59	55	60	55	60	55	61	57	1.1	0.8	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1039	Residential	Ground	N	54	50	55	50	55	50	55	51	0.4	0.2	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1039	Residential	Ground	E	56	51	57	52	57	52	58	53	0.8	0.6	1	1	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.1039	Residential	Ground	N	55	51	56	51	56	51	57	52	0.9	0.7	1.1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1040	Residential	Ground	E	57	53	59	54	58	53	59	55	1.4	1.1	1.5	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1040	Residential	Ground	E	57	52	58	53	57	53	59	54	1.3	1.1	1.4	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1040	Residential	Ground	N	54	49	55	50	54	50	55	51	0.9	0.8	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1040	Residential	Ground	W	54	49	54	49	54	50	55	50	0.4	0.2	0.7	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1040	Residential	Ground	N	53	48	53	48	53	48	54	49	0.5	0.4	0.8	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1040	Residential	Ground	W	57	52	58	53	57	53	59	54	1	0.8	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1040	Residential	Ground	S	59	54	60	55	59	54	60	56	1.2	0.9	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1041	Residential	Ground	W	57	52	58	53	57	53	58	54	1	0.8	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1041	Residential	Ground	S	59	54	60	55	59	55	61	56	1.2	0.9	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1041	Residential	Ground	E	57	52	58	53	57	53	58	54	1	0.8	1.2	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1041	Residential	Ground	N	54	49	55	50	55	50	56	51	0.9	0.7	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1042	Residential	Ground	W	55	51	56	51	56	51	57	52	0.8	0.5	0.9	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1042	Residential	Ground	S	59	55	60	56	60	55	61	57	1.2	0.9	1.4	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1042	Residential	Ground	S	58	53	59	55	59	54	60	56	1.4	1.1	1.5	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1042	Residential	Ground	S	59	54	60	55	59	55	61	56	1.3	1.1	1.5	1.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1042	Residential	Ground	S	58	53	59	54	58	54	60	55	1.3	1	1.4	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1042	Residential	Ground	E	58	53	59	54	58	54	60	55	1.3	1.1	1.4	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1042	Residential	Ground	E	57	52	58	53	57	52	58	54	1.2	1	1.4	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1042	Residential	Ground	N	53	49	54	49	54	49	55	50	0.6	0.4	0.8	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1043	Residential	Ground	N	55	50	56	51	55	51	56	52	1	0.9	1.2	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1043	Residential	Ground	E	55	51	56	51	56	51	57	52	1	0.8	1.1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1043	Residential	Ground	N	55	50	56	51	55	51	56	52	0.9	0.8	1.1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1043	Residential	Ground	W	55	51	56	51	56	51	57	53	0.8	0.7	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1043	Residential	Ground	N	53	48	53	49	53	49	54	50	0.6	0.4	0.9	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1043	Residential	Ground	W	56	52	58	53	57	52	58	54	1.2	0.9	1.3	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1043	Residential	Ground	S	57	52	58	53	57	53	58	54	0.7	0.5	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1043	Residential	Ground	E	57	52	57	53	57	52	58	54	0.9	0.7	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1047	Residential	Ground	S	56	51	56	52	56	52	57	53	0.7	0.6	1	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1047	Residential	Ground	E	56	51	57	52	56	52	58	53	1.1	0.9	1.3	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1047	Residential	Ground	N	53	48	54	49	54	49	55	50	1	0.8	1.1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1047	Residential	Ground	W	54	49	55	50	55	50	55	51	0.7	0.5	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1047	Residential	Ground	W	52	48	53	48	53	48	54	49	0.6	0.4	0.9	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1047	Residential	Ground	W	55	50	56	51	56	51	57	52	0.9	0.8	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1048	Residential	Ground	W	52	48	53	48	53	48	54	49	0.8	0.6	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1048	Residential	Ground	S	56	51	57	52	56	51	57	53	1.1	0.9	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1048	Residential	Ground	E	55	50	56	51	55	51	57	52	1.1	1	1.4	1.4	59	54	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.1048	Residential	Ground	E	55	50	56	51	55	51	57	52	1.3	1	1.4	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1048	Residential	Ground	E	55	50	56	51	56	51	57	52	1.2	0.9	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1048	Residential	Ground	S	55	51	56	52	56	51	57	53	1.2	0.9	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1048	Residential	Ground	E	54	49	55	50	54	50	56	51	1.1	0.8	1.2	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1048	Residential	Ground	N	52	48	54	49	53	48	55	50	1.5	1.4	1.7	1.8	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1048	Residential	Ground	N	52	48	54	49	53	48	55	50	1.5	1.5	1.7	1.8	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1049	Residential	Ground	N	53	48	54	49	53	49	55	50	1.5	1.4	1.6	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1049	Residential	Ground	N	50	45	51	46	51	46	52	47	0.7	0.6	0.9	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1049	Residential	Ground	N	51	46	52	47	51	47	53	48	1.1	0.9	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1049	Residential	Ground	W	54	49	55	50	55	50	56	51	0.9	0.7	1.2	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1049	Residential	Ground	S	55	51	56	52	56	51	57	53	1.1	0.9	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1049	Residential	Ground	E	54	49	55	50	54	50	56	51	1.2	0.9	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1050	Residential	Ground	W	54	49	55	50	55	50	56	51	1	0.8	1.2	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1050	Residential	Ground	S	55	50	56	51	55	51	57	52	1.1	0.8	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1050	Residential	Ground	S	54	50	56	51	55	50	56	52	1.1	0.8	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1050	Residential	Ground	S	55	51	56	52	56	51	57	53	1.2	1	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1050	Residential	Ground	S	55	50	56	51	55	51	57	52	1.3	1	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1050	Residential	Ground	S	55	50	56	51	56	51	57	52	1.2	0.9	1.3	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1050	Residential	Ground	E	54	49	55	50	54	49	55	51	1.2	1	1.4	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1050	Residential	Ground	N	51	47	52	48	52	47	53	49	1.1	1.1	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1051	Residential	Ground	W	54	49	55	50	54	49	55	51	1	0.8	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1051	Residential	Ground	S	54	50	55	50	55	50	56	51	1	0.8	1.3	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1051	Residential	Ground	S	54	49	55	50	55	50	56	51	1	0.8	1.2	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1051	Residential	Ground	S	55	51	56	52	56	51	57	53	1.2	1	1.3	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1051	Residential	Ground	S	55	50	56	51	55	51	57	52	1.2	1.1	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1051	Residential	Ground	S	55	50	56	51	55	51	57	52	1.3	1	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1051	Residential	Ground	E	52	48	53	48	53	48	54	50	0.9	0.7	1.1	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1051	Residential	Ground	N	51	47	53	48	52	47	53	49	1.2	1.1	1.4	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1058	Residential	Ground	N	52	47	53	48	53	48	54	49	1.1	1	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1058	Residential	Ground	W	52	48	53	48	53	48	54	49	0.7	0.6	0.9	1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1058	Residential	Ground	N	51	46	52	47	52	47	52	48	0.7	0.6	0.9	1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1058	Residential	Ground	W	54	49	55	50	54	50	55	51	1	0.7	1.1	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1058	Residential	Ground	S	56	51	57	52	56	52	58	53	1.1	0.9	1.3	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1058	Residential	Ground	S	55	50	56	51	55	51	56	52	1	0.7	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1058	Residential	Ground	S	56	51	57	52	57	52	58	53	1.1	1	1.3	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1058	Residential	Ground	E	55	50	56	51	55	51	56	52	1.1	0.9	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1058	Residential	Ground	S	55	50	56	51	55	51	57	52	1	0.8	1.2	1.3	59	54	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.1058	Residential	Ground	E	53	48	54	49	53	49	54	50	1	0.7	1.2	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1059	Residential	Ground	N	52	48	54	49	53	48	54	50	1.2	1.1	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1059	Residential	Ground	W	54	49	55	50	54	50	55	51	0.8	0.6	1	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1059	Residential	Ground	S	56	51	57	52	56	52	58	53	1.2	1	1.4	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1059	Residential	Ground	S	56	51	57	52	56	51	57	53	1.1	0.9	1.2	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1059	Residential	Ground	E	53	49	54	49	54	49	55	50	0.9	0.7	1.1	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1060	Residential	Ground	W	53	49	54	49	54	49	55	50	0.9	0.7	1.1	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1060	Residential	Ground	W	54	49	55	50	54	50	55	51	0.8	0.6	1.1	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1060	Residential	Ground	S	56	51	57	52	56	52	58	53	1.1	1	1.3	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1060	Residential	Ground	S	55	51	56	52	56	51	57	53	1.1	1	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1060	Residential	Ground	S	56	51	57	52	56	52	58	53	1.1	0.9	1.2	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1060	Residential	Ground	E	54	50	55	51	55	50	56	52	1.1	0.9	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1060	Residential	Ground	E	53	49	55	50	54	49	55	51	1.4	1.2	1.5	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1060	Residential	Ground	E	54	49	55	50	55	50	56	51	1.2	1	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1060	Residential	Ground	N	52	47	53	48	53	48	54	49	1	0.8	1	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1061	Residential	Ground	W	54	49	55	50	54	50	55	51	0.8	0.7	1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1061	Residential	Ground	S	52	47	53	48	53	48	54	49	0.9	0.7	1.1	1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1061	Residential	Ground	E	54	49	55	50	55	50	56	51	1.1	0.9	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1061	Residential	Ground	N	52	47	53	48	52	48	54	49	1.2	1.2	1.4	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1062	Residential	Ground	W	54	49	55	50	54	49	55	51	0.8	0.7	1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1062	Residential	Ground	S	53	48	54	49	53	48	54	50	0.9	0.9	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1062	Residential	Ground	E	54	49	55	50	55	50	56	51	1.2	1	1.3	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1062	Residential	Ground	N	52	48	54	49	53	48	54	50	1.5	1.4	1.5	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1063	Residential	Ground	S	54	50	56	51	55	50	56	52	1.2	1.1	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1063	Residential	Ground	E	56	50	56	51	56	51	57	52	0.8	1	0.8	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1063	Residential	Ground	E	57	51	58	52	58	51	58	53	0.7	1.3	0.6	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1063	Residential	Ground	E	57	51	58	52	58	51	58	53	0.7	1.3	0.7	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1063	Residential	Ground	N	58	51	58	52	59	52	59	53	0.3	1.1	0.2	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1063	Residential	Ground	W	56	49	56	49	57	50	56	50	-0.2	0.2	-0.3	0.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1063	Residential	Ground	W	56	49	56	49	56	49	56	50	-0.2	0.2	-0.3	0.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1063	Residential	Ground	W	51	46	52	47	52	47	53	48	0.6	0.6	0.8	0.9	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1064	Residential	Ground	W	55	49	55	50	55	50	56	51	0.5	0.5	0.6	0.9	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1064	Residential	Ground	S	53	49	54	50	54	49	55	51	0.9	0.8	1.2	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1064	Residential	Ground	W	53	48	53	48	53	48	54	50	0.8	0.6	1	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1064	Residential	Ground	S	54	49	55	51	55	50	56	51	1.2	1.1	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1064	Residential	Ground	E	51	47	52	47	52	47	53	48	0.7	0.6	0.8	1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1064	Residential	Ground	N	57	50	57	50	57	50	57	51	0.1	0.6	0	0.7	59	54	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA04B	NCA04B.RES.1064	Residential	Ground	E	56	50	57	51	57	50	57	51	0.4	1	0.3	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1064	Residential	Ground	N	58	51	58	52	59	52	59	53	0.4	1.1	0.3	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1065	Residential	Ground	W	53	48	54	49	53	49	54	50	0.7	0.6	1	1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1065	Residential	Ground	S	52	48	53	49	53	48	54	49	1	0.9	1.2	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1065	Residential	Ground	E	55	50	56	51	55	50	57	52	1.2	1.1	1.4	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1065	Residential	Ground	E	53	48	54	50	54	49	55	50	1.1	1.1	1.3	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1065	Residential	Ground	E	54	49	55	50	55	50	56	51	1.2	1	1.2	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1065	Residential	Ground	N	53	48	54	49	53	48	54	50	1.3	1.3	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1066	Residential	Ground	W	54	49	55	50	54	49	55	51	1	0.8	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1066	Residential	Ground	W	54	49	54	50	54	49	55	51	0.8	0.6	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1066	Residential	Ground	W	54	49	55	50	55	50	56	51	0.9	0.8	1.2	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1066	Residential	Ground	S	56	51	57	52	56	52	58	53	1.2	1	1.4	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1066	Residential	Ground	E	55	50	56	52	56	51	57	53	1.3	1.1	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1066	Residential	Ground	S	55	51	57	52	56	51	57	53	1.3	1.1	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1066	Residential	Ground	E	55	50	56	51	55	51	57	52	1.3	1.1	1.5	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1066	Residential	Ground	S	55	50	56	51	55	51	57	52	1.3	1.2	1.5	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1066	Residential	Ground	E	55	50	56	51	55	51	57	52	1.3	1.2	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1066	Residential	Ground	N	52	48	54	49	53	48	54	50	1.2	1.1	1.4	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1066	Residential	Ground	E	55	50	56	51	55	51	57	52	1.3	1.2	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1066	Residential	Ground	N	52	48	54	49	53	48	54	50	1.2	1.1	1.4	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1067	Residential	Ground	W	53	48	54	49	53	49	54	50	0.9	0.7	1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1067	Residential	Ground	S	55	50	56	51	55	51	57	52	1.1	0.8	1.3	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1067	Residential	Ground	S	54	50	55	51	55	50	56	52	1	0.8	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1067	Residential	Ground	S	55	50	56	51	55	51	57	52	1	0.8	1.2	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1067	Residential	Ground	W	54	50	55	50	55	50	56	52	1	0.8	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1067	Residential	Ground	S	56	51	57	52	56	52	57	53	1.1	1	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1067	Residential	Ground	E	52	48	53	48	53	48	54	49	0.9	0.6	1	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1067	Residential	Ground	N	52	47	53	48	53	48	54	49	1.1	1.1	1.2	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1068	Residential	Ground	W	53	48	54	49	54	49	55	50	0.9	0.7	1.2	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1068	Residential	Ground	S	56	51	57	52	56	52	58	53	1.2	1	1.4	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1068	Residential	Ground	E	53	49	54	49	54	49	55	50	1.1	0.8	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1068	Residential	Ground	N	52	47	53	48	53	48	54	49	1.3	1.2	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1069	Residential	Ground	W	52	47	53	48	52	47	53	49	1.1	0.8	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1069	Residential	Ground	S	55	50	56	51	55	51	57	52	1.1	0.8	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1069	Residential	Ground	S	55	50	56	51	55	50	56	52	1	0.9	1.3	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1069	Residential	Ground	S	55	51	56	52	56	51	57	53	1.2	0.9	1.4	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1069	Residential	Ground	S	55	50	56	51	55	50	56	52	1.1	0.9	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1069	Residential	Ground	S	56	51	57	52	56	51	57	53	1.2	1	1.4	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1069	Residential	Ground	E	53	48	54	49	53	49	54	50	0.9	0.7	1.1	1.1	59	54	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.1069	Residential	Ground	N	52	47	54	49	53	48	54	50	1.3	1.2	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1069	Residential	Ground	E	53	48	54	49	53	48	55	50	1.4	1.2	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1069	Residential	Ground	N	52	48	54	49	53	48	55	50	1.5	1.4	1.6	1.7	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1070	Residential	Ground	N	52	48	54	49	53	48	54	50	1.4	1.3	1.5	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1070	Residential	Ground	W	52	47	53	48	52	47	53	49	0.9	0.8	1.1	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1070	Residential	Ground	N	51	46	51	47	51	46	52	47	0.7	0.6	0.9	1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1070	Residential	Ground	W	54	49	55	50	54	50	55	51	1	0.8	1.2	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1070	Residential	Ground	S	55	51	57	52	56	51	57	53	1.3	1	1.5	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1070	Residential	Ground	E	53	49	54	50	54	49	55	51	1.1	1	1.4	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1070	Residential	Ground	S	53	48	54	49	53	49	54	50	1	0.8	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1070	Residential	Ground	E	51	46	52	47	51	47	52	48	1	0.8	1.2	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1071	Residential	Ground	W	53	49	54	49	54	49	55	50	1	0.8	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1071	Residential	Ground	S	55	51	57	52	56	51	57	53	1.2	1	1.4	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1071	Residential	Ground	S	55	50	56	51	55	51	57	52	1.2	1	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1071	Residential	Ground	S	55	51	56	52	56	51	57	53	1.2	1	1.4	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1071	Residential	Ground	E	53	49	55	50	54	49	55	51	1.2	1	1.4	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1071	Residential	Ground	N	51	47	52	48	52	47	53	48	1	0.9	1.2	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1071	Residential	Ground	N	52	47	53	48	52	47	53	49	1	0.9	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1072	Residential	Ground	N	58	51	58	52	59	52	59	53	0.5	1.1	0.4	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1072	Residential	Ground	N	56	48	56	49	56	49	56	49	-0.3	0.2	-0.3	0.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1072	Residential	Ground	N	57	50	58	51	58	51	58	52	0.3	1	0.2	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1072	Residential	Ground	W	54	48	54	49	54	49	55	50	0.5	0.6	0.7	1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1072	Residential	Ground	S	53	49	55	50	54	49	55	51	1.1	1	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1072	Residential	Ground	E	53	48	54	49	54	49	55	50	1.1	0.9	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1072	Residential	Ground	S	54	49	55	50	54	49	55	51	1	0.8	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1072	Residential	Ground	E	54	48	55	49	55	49	55	50	0.5	0.6	0.5	0.8	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1073	Residential	Ground	W	54	49	55	49	55	49	55	50	0.4	0.5	0.4	0.8	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1073	Residential	Ground	S	54	49	55	50	54	50	55	51	0.9	0.8	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1073	Residential	Ground	E	54	49	55	49	54	49	55	50	0.6	0.6	0.7	1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1073	Residential	Ground	N	57	50	57	51	57	51	58	52	0.4	1	0.3	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1073	Residential	Ground	N	56	49	57	51	57	50	57	51	0.6	1.2	0.5	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1073	Residential	Ground	N	58	51	58	52	58	51	59	52	0.4	1	0.3	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1074	Residential	Ground	W	52	47	53	48	53	48	54	49	0.6	0.6	0.6	0.9	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1074	Residential	Ground	S	54	50	56	51	55	50	56	52	1.1	0.9	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1074	Residential	Ground	E	53	48	54	49	54	49	55	50	0.7	0.6	0.8	1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1074	Residential	Ground	N	54	48	54	49	55	49	55	49	0.2	0.4	0.2	0.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1074	Residential	Ground	E	55	49	55	49	55	50	56	50	0.3	0.5	0.4	0.7	59	54	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.1074	Residential	Ground	N	57	50	58	51	58	51	58	52	0.3	0.9	0.2	1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1075	Residential	Ground	W	55	49	55	49	55	50	56	50	0.4	0.5	0.6	0.9	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1075	Residential	Ground	S	54	49	55	50	55	50	56	51	1.1	0.9	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1075	Residential	Ground	E	52	47	53	48	53	48	53	49	0.6	0.6	0.8	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1075	Residential	Ground	E	53	47	54	48	54	48	54	49	0.2	0.5	0.3	0.8	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1075	Residential	Ground	N	56	49	56	50	57	50	57	51	0.4	1	0.3	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1075	Residential	Ground	E	56	49	56	50	56	50	57	51	0.5	1.1	0.5	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1075	Residential	Ground	N	58	50	58	51	58	51	58	52	0.3	1	0.2	1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1076	Residential	Ground	W	53	48	54	49	53	49	54	50	0.9	0.7	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1076	Residential	Ground	S	55	51	57	52	56	51	57	53	1.2	1	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1076	Residential	Ground	E	53	49	54	50	54	49	55	51	1.2	1	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1076	Residential	Ground	N	51	46	52	47	52	47	53	48	1	0.8	1.1	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1077	Residential	Ground	NW	60	55	60	55	60	56	61	56	0	-0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1077	Residential	Ground	SW	61	56	61	56	61	57	62	57	0.1	-0.1	0.5	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1077	Residential	Ground	SE	58	54	59	54	59	54	60	55	0.6	0.3	0.8	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1077	Residential	Ground	NE	55	50	55	50	55	51	56	51	0.5	0.2	0.7	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1078	Residential	Ground	NW	59	54	59	54	59	55	60	56	0.2	0	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1078	Residential	Ground	SW	58	54	59	54	59	54	60	55	0.6	0.4	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1078	Residential	Ground	S	58	53	59	54	58	54	59	55	0.6	0.3	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1078	Residential	Ground	SE	54	50	55	50	55	50	56	51	0.4	0.2	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1078	Residential	Ground	NE	54	50	55	50	55	50	56	51	0.6	0.4	0.7	0.9	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1078	Residential	Ground	N	54	50	55	50	55	50	56	51	0.7	0.5	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1079	Residential	Ground	NE	55	50	55	50	55	51	56	52	0.5	0.1	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1079	Residential	Ground	NW	57	52	57	52	58	53	58	54	0.4	0.1	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1079	Residential	Ground	SW	60	56	61	56	61	56	62	57	0.7	0.4	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1079	Residential	Ground	SE	59	55	60	55	60	55	61	57	0.9	0.6	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1082	Residential	Ground	W	54	49	55	50	55	50	55	50	0.3	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1082	Residential	Ground	W	54	49	55	50	55	50	55	50	0.2	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1082	Residential	Ground	W	55	50	55	50	55	50	55	51	0.2	0.3	0.6	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1082	Residential	Ground	S	54	49	55	50	55	49	55	50	0.3	0.4	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1082	Residential	Ground	W	54	49	54	49	54	49	55	50	0.2	0.3	0.5	0.7	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1082	Residential	Ground	S	53	48	54	49	54	48	54	49	0.5	0.5	0.7	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1082	Residential	Ground	E	52	47	52	48	52	47	53	48	0.8	0.9	1.2	1.4	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1082	Residential	Ground	S	53	48	53	48	53	48	54	49	0.6	0.6	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1082	Residential	Ground	E	52	47	53	48	52	47	53	49	0.8	0.8	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1082	Residential	Ground	N	49	44	50	45	50	44	50	46	0.7	0.7	0.9	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1083	Residential	Ground	W	56	51	56	51	57	51	57	52	0.1	0.1	0.3	0.4	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.1083	Residential	Ground	S	54	49	54	49	54	49	55	50	0.3	0.5	0.6	0.8	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1083	Residential	Ground	E	53	48	53	48	53	48	54	49	0.5	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1083	Residential	Ground	N	53	47	53	48	53	48	54	48	0.2	0.3	0.4	0.6	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1087	Residential	Ground	NW	51	46	52	47	52	47	53	48	0.8	0.7	0.9	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1087	Residential	Ground	SW	52	47	53	48	52	47	53	49	0.8	0.7	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1087	Residential	Ground	NW	51	46	52	47	51	47	52	48	0.8	0.8	1.1	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1087	Residential	Ground	SW	53	49	55	50	54	49	55	51	1.2	1	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1087	Residential	Ground	SE	53	49	55	50	54	49	55	51	1.2	1	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1087	Residential	Ground	NE	51	46	52	47	52	47	53	48	0.9	0.9	1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1087	Residential	Ground	NW	50	45	50	45	50	45	51	46	0.7	0.7	1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1087	Residential	Ground	NE	49	44	50	45	50	45	51	46	0.7	0.7	1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1088	Residential	Ground	NW	52	47	53	48	53	48	54	49	0.9	0.8	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1088	Residential	Ground	SW	54	49	55	50	54	50	56	51	1	0.8	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1088	Residential	Ground	SE	53	49	55	50	54	49	55	51	1.2	0.9	1.3	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1088	Residential	Ground	SW	54	49	55	50	54	50	56	51	1	0.9	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1088	Residential	Ground	SE	53	48	54	49	53	49	55	50	1.2	0.9	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1088	Residential	Ground	NE	51	46	52	47	51	46	52	48	1	0.9	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1097	Residential	Ground	N	55	50	56	52	55	51	57	52	1.5	1.4	1.5	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1097	Residential	Ground	W	51	46	52	47	52	47	52	48	0.6	0.5	0.8	0.9	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1097	Residential	Ground	N	52	47	52	48	52	48	53	49	0.7	0.6	0.8	1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1097	Residential	Ground	W	54	49	54	49	54	49	55	51	0.8	0.5	0.9	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1097	Residential	Ground	E	55	51	57	52	56	51	57	53	1.4	1.3	1.5	1.6	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1099	Residential	Ground	W	53	48	54	49	53	48	54	50	0.8	0.7	1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1099	Residential	Ground	W	52	46	52	47	52	47	53	48	0.7	0.7	0.8	1.1	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1099	Residential	Ground	W	54	49	55	50	54	50	55	51	0.9	0.7	1.1	1.3	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1099	Residential	Ground	S	53	49	54	49	54	49	55	50	1	0.9	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1099	Residential	Ground	E	54	49	55	50	54	49	56	51	1.3	1.2	1.5	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1099	Residential	Ground	N	52	47	53	48	53	48	54	49	1.1	1.2	1.3	1.5	59	54	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1100	Residential	Ground	W	54	49	55	50	55	50	56	51	0.9	0.7	1.1	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1100	Residential	Ground	W	53	48	53	49	53	49	54	50	0.7	0.5	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1100	Residential	Ground	W	53	48	53	48	53	48	54	49	0.7	0.5	0.9	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1100	Residential	Ground	S	52	47	53	48	52	48	53	49	0.8	0.8	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1100	Residential	Ground	E	55	50	56	51	55	51	57	52	1.2	1.1	1.4	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1100	Residential	Ground	N	52	48	54	49	53	48	54	50	1.1	0.9	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1100	Residential	Ground	E	53	48	54	49	54	49	55	50	1.1	0.9	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1100	Residential	Ground	N	52	48	53	48	53	48	54	49	1	0.8	1.2	1.3	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1101	Residential	Ground	W	54	50	55	50	55	50	56	51	0.7	0.5	1	1.2	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA04B	NCA04B.RES.1101	Residential	Ground	W	54	49	55	50	54	50	55	51	0.7	0.5	1	1.1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1101	Residential	Ground	W	53	49	54	49	54	49	55	50	0.7	0.5	1	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1101	Residential	Ground	N	51	47	52	47	52	47	53	48	0.6	0.5	0.8	1	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1101	Residential	Ground	W	55	50	56	51	55	51	56	52	0.7	0.5	1	1.2	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1101	Residential	Ground	E	55	50	56	51	55	51	57	52	1.3	1.1	1.5	1.5	60	55	NO	NO	NO	NO	NO
NCA04B	NCA04B.RES.1101	Residential	Ground	N	52	47	53	48	52	48	53	49	0.8	0.7	1	1.1	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0001	Residential	Ground	W	64	59	63	59	65	60	64	60	-0.6	-0.7	-0.3	-0.4	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0001	Residential	Ground	S	69	65	69	64	70	65	70	65	-0.5	-0.6	-0.4	-0.5	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0001	Residential	Ground	E	66	61	65	61	66	62	66	61	-0.6	-0.6	-0.3	-0.4	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0001	Residential	Ground	N	61	56	61	57	62	57	62	57	0.3	0.3	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0002	Residential	Ground	W	62	57	62	58	62	58	63	58	0.4	0.4	0.6	0.5	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0002	Residential	Ground	S	68	63	69	64	68	64	69	65	1	1	1.2	1.1	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0002	Residential	Ground	E	69	64	70	66	70	65	71	66	1.3	1.3	1.6	1.5	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0002	Residential	Ground	N	65	60	67	62	65	61	68	63	2.1	2.1	2.3	2.2	60	55	NO	NO	NO	NO	YES
NCA05A	NCA05A.RES.0002	Residential	Ground	E	66	61	68	63	66	62	69	64	2.1	2.1	2.3	2.3	60	55	NO	NO	NO	NO	YES
NCA05A	NCA05A.RES.0002	Residential	Ground	N	65	60	68	63	66	61	68	64	2.5	2.6	2.7	2.7	60	55	NO	NO	NO	NO	YES
NCA05A	NCA05A.RES.0002	Residential	Ground	N	63	59	67	62	64	59	67	63	3.4	3.4	3.5	3.6	60	55	NO	NO	NO	NO	YES
NCA05A	NCA05A.RES.0002	Residential	Ground	N	64	59	67	62	64	60	68	63	3	3.1	3.3	3.2	60	55	NO	NO	NO	NO	YES
NCA05A	NCA05A.RES.0002	Residential	Ground	N	59	54	61	56	59	55	62	57	2.2	2.2	2.3	2.3	60	55	NO	NO	NO	NO	YES
NCA05A	NCA05A.RES.0003	Residential	Ground	W	62	58	62	57	63	58	63	58	-0.2	-0.4	0	-0.1	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0003	Residential	Ground	S	68	63	67	63	68	64	68	63	-0.3	-0.4	-0.1	-0.2	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0003	Residential	Ground	E	62	57	62	57	62	58	62	58	-0.2	-0.3	0	-0.1	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0003	Residential	Ground	N	60	56	61	56	61	56	62	57	0.6	0.6	0.7	0.7	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0004	Residential	Ground	W	62	57	62	57	62	58	62	58	-0.3	-0.4	0	-0.1	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0004	Residential	Ground	S	68	64	68	63	69	64	69	64	-0.4	-0.5	-0.2	-0.3	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0004	Residential	Ground	E	63	58	63	58	64	59	63	59	-0.4	-0.5	-0.3	-0.3	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0004	Residential	Ground	N	61	56	62	58	62	57	63	58	1	1.1	1.2	1.1	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0005	Residential	Ground	W	67	62	67	63	68	63	68	63	0.4	0.2	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0005	Residential	Ground	S	61	57	62	58	62	57	63	58	0.9	0.8	1	0.9	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0005	Residential	Ground	E	60	56	62	58	61	56	63	58	1.9	1.9	1.9	1.9	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0005	Residential	Ground	N	61	57	63	58	62	57	63	59	1.2	1	1.2	1.1	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0006	Residential	Ground	NW	58	54	59	54	59	54	60	55	0.7	0.6	0.8	0.7	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0006	Residential	Ground	SW	65	61	66	61	66	61	66	62	0.6	0.4	0.5	0.5	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0006	Residential	Ground	SE	57	52	59	55	57	53	60	55	2.5	2.5	2.6	2.7	59	54	NO	NO	NO	NO	YES
NCA05A	NCA05A.RES.0006	Residential	Ground	NE	59	55	61	56	60	55	61	57	1.6	1.5	1.6	1.6	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0007	Residential	Ground	N	58	53	59	54	58	53	60	55	1.5	1.3	1.4	1.4	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0007	Residential	Ground	W	55	51	56	51	56	51	57	52	0.9	0.7	0.9	0.9	59	54	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA05A	NCA05A.RES.0007	Residential	Ground	S	56	51	57	52	56	52	58	53	1.3	1.2	1.5	1.5	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0007	Residential	Ground	E	58	53	59	54	58	54	59	54	0.7	0.7	0.8	0.8	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0007	Residential	Ground	N	60	55	61	56	60	55	61	56	1.2	1	1.3	1.1	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0007	Residential	Ground	E	60	55	61	56	61	56	62	57	1.3	1.2	1.4	1.3	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0008	Residential	Ground	N	63	57	64	58	63	58	64	59	0.9	0.8	0.9	0.8	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0008	Residential	Ground	W	56	51	56	51	56	52	57	52	0.7	0.5	0.8	0.6	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0008	Residential	Ground	W	55	50	56	51	56	51	56	52	0.9	0.7	0.9	0.8	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0008	Residential	Ground	W	55	50	56	51	55	51	56	52	0.9	0.7	1	1	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0008	Residential	Ground	W	53	49	54	50	54	49	55	50	1	0.9	1.2	1.2	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0008	Residential	Ground	W	54	49	55	50	55	50	56	51	1	0.9	1.2	1.1	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0008	Residential	Ground	S	63	58	63	58	63	58	64	59	0.8	0.7	0.8	0.7	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0008	Residential	Ground	E	68	63	68	63	68	63	69	64	0.6	0.3	0.5	0.4	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0008	Residential	Ground	S	67	62	68	63	68	63	69	64	0.6	0.5	0.7	0.6	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0008	Residential	Ground	E	69	63	70	64	69	64	70	65	0.8	0.6	0.7	0.7	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0008	Residential	Ground	E	69	63	69	64	69	64	70	64	0.5	0.3	0.5	0.4	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0009	Residential	Ground	E	65	60	65	60	65	60	66	61	0.7	0.5	0.8	0.6	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0009	Residential	Ground	N	59	54	60	55	59	55	60	56	0.9	0.7	1	0.9	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0009	Residential	Ground	W	54	49	55	50	54	50	55	51	1	0.8	1.1	1.1	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0009	Residential	Ground	N	53	49	54	50	54	49	55	50	1	1	1.2	1.1	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0009	Residential	Ground	W	56	51	56	51	56	51	57	52	0.7	0.6	0.9	0.8	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0009	Residential	Ground	S	59	55	60	55	60	55	61	56	1	0.8	1	1	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0009	Residential	Ground	E	68	63	69	63	69	64	69	64	0.6	0.5	0.6	0.5	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0009	Residential	Ground	N	65	60	65	60	65	60	66	61	0.5	0.2	0.5	0.3	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0010	Residential	Ground	W	55	51	56	51	56	51	57	52	0.8	0.5	0.8	0.8	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0010	Residential	Ground	S	61	56	62	57	61	57	62	58	1	0.8	0.9	0.9	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0010	Residential	Ground	E	69	64	70	64	70	64	70	65	0.5	0.4	0.6	0.5	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0010	Residential	Ground	N	62	57	63	58	62	58	63	58	0.7	0.5	0.7	0.6	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0011	Residential	Ground	W	56	51	56	51	56	51	57	52	0.7	0.6	0.8	0.8	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0011	Residential	Ground	S	63	58	64	59	64	59	65	60	0.7	0.6	0.8	0.7	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0011	Residential	Ground	E	69	64	69	64	69	64	70	65	0.7	0.5	0.6	0.6	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0011	Residential	Ground	N	59	54	60	55	60	55	61	56	1.1	1	1.1	1	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0012	Residential	Ground	W	55	51	56	51	56	51	57	52	0.7	0.6	0.8	0.8	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0012	Residential	Ground	S	60	55	61	56	61	56	61	57	0.7	0.5	0.8	0.7	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0012	Residential	Ground	W	58	54	59	54	59	54	59	55	0.6	0.4	0.6	0.6	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0012	Residential	Ground	S	64	59	65	60	65	60	65	61	0.7	0.5	0.7	0.6	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0012	Residential	Ground	E	67	62	68	63	68	63	68	63	0.4	0.3	0.4	0.3	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0012	Residential	Ground	N	59	54	60	55	59	55	60	56	0.9	0.8	0.9	0.8	59	54	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA05A	NCA05A.RES.0013	Residential	Ground	N	64	59	65	60	65	60	65	60	0.6	0.5	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0013	Residential	Ground	E	63	58	64	59	64	59	64	60	0.8	0.6	0.8	0.7	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0013	Residential	Ground	N	61	56	62	57	61	57	62	57	1	0.8	1	0.9	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0013	Residential	Ground	W	57	53	58	53	58	53	58	54	0.4	0.3	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0013	Residential	Ground	S	58	53	58	54	58	54	59	54	0.5	0.3	0.6	0.5	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0013	Residential	Ground	W	58	53	58	53	58	53	59	54	0.4	0.3	0.6	0.6	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0013	Residential	Ground	S	59	55	60	55	60	55	61	56	0.8	0.7	0.9	0.8	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0013	Residential	Ground	E	67	62	68	63	68	63	68	63	0.4	0.2	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0014	Residential	Ground	W	60	55	60	55	60	56	61	56	0.2	0.1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0014	Residential	Ground	S	70	65	70	65	70	65	71	66	0.5	0.2	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0014	Residential	Ground	E	70	65	71	65	71	65	71	66	0.8	0.5	0.8	0.6	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0014	Residential	Ground	N	65	60	66	61	66	61	67	62	0.8	0.5	0.7	0.6	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0014	Residential	Ground	E	65	60	65	60	65	60	66	61	0.6	0.4	0.5	0.4	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0015	Residential	Ground	N	55	51	56	52	56	51	57	52	0.9	0.8	1	0.9	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0015	Residential	Ground	W	65	60	66	61	66	61	66	61	0.4	0.2	0.5	0.2	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0015	Residential	Ground	S	71	65	71	66	71	66	72	66	0.6	0.3	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0015	Residential	Ground	E	68	63	69	63	69	64	69	64	0.5	0.2	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0015	Residential	Ground	S	69	64	69	64	70	64	70	65	0.5	0.2	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0015	Residential	Ground	E	61	57	62	57	62	57	62	57	0.2	0.1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0016	Residential	Ground	N	56	51	56	52	56	51	57	52	0.9	0.9	1.1	1	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0016	Residential	Ground	W	55	50	55	50	55	51	56	51	0.6	0.4	0.7	0.7	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0016	Residential	Ground	N	55	50	55	51	55	51	56	51	0.6	0.5	0.7	0.6	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0016	Residential	Ground	W	58	53	58	54	58	54	59	54	0.5	0.5	0.6	0.5	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0016	Residential	Ground	S	65	60	65	60	65	60	66	61	0.5	0.2	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0016	Residential	Ground	W	65	60	65	60	65	60	66	61	0.4	0.3	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0016	Residential	Ground	S	68	63	69	63	69	64	69	64	0.5	0.3	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0016	Residential	Ground	E	62	57	62	57	62	58	63	58	0.4	0.2	0.5	0.4	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0016	Residential	Ground	N	55	50	56	51	55	51	56	52	0.7	0.6	0.8	0.8	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0016	Residential	Ground	N	55	50	56	51	56	51	57	52	0.8	0.7	1	0.9	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0017	Residential	Ground	W	65	60	66	60	66	61	66	61	0.4	0.1	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0017	Residential	Ground	S	69	63	69	64	69	64	69	64	0.4	0.1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0017	Residential	Ground	W	68	62	68	63	68	63	69	63	0.5	0.2	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0017	Residential	Ground	S	69	64	70	65	70	65	71	65	0.6	0.4	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0017	Residential	Ground	E	66	61	66	61	66	61	67	62	0.5	0.4	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0017	Residential	Ground	N	55	51	56	51	56	51	57	52	0.8	0.7	0.9	0.8	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0017	Residential	Ground	E	56	51	57	52	56	52	57	53	0.9	0.7	1	1	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0017	Residential	Ground	N	55	51	57	52	56	51	57	52	1.1	1	1.2	1.1	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA05A	NCA05A.RES.0018	Residential	Ground	N	55	50	56	52	56	51	57	52	1.3	1.3	1.4	1.4	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0018	Residential	Ground	W	64	59	64	59	64	59	65	60	0.2	0	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0018	Residential	Ground	S	68	63	69	63	69	64	69	64	0.5	0.2	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0018	Residential	Ground	E	62	57	62	58	63	58	63	58	0.4	0.3	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0019	Residential	Ground	N	55	51	57	52	56	51	57	53	1.3	1.2	1.3	1.3	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0019	Residential	Ground	W	62	57	62	57	62	57	63	57	0.1	0.1	0.2	0.1	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0019	Residential	Ground	S	67	62	67	62	67	62	68	63	0.5	0.3	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0019	Residential	Ground	E	64	59	64	59	64	59	65	60	0.3	0.3	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0020	Residential	Ground	N	55	50	56	51	55	50	57	52	1.4	1.3	1.5	1.4	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0020	Residential	Ground	W	56	51	57	52	57	52	58	53	0.7	0.5	0.7	0.7	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0020	Residential	Ground	S	65	60	66	60	66	61	66	61	0.4	0.3	0.3	0.4	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0020	Residential	Ground	E	63	58	64	59	64	59	64	59	0.4	0.3	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0022	Residential	Ground	W	55	49	55	50	55	50	56	51	0.3	0.4	0.5	0.8	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0022	Residential	Ground	S	60	54	60	55	61	55	61	56	0.5	0.8	0.5	0.9	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0022	Residential	Ground	N	52	47	53	48	52	47	53	49	1.1	0.9	1.2	1.2	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0023	Residential	Ground	W	56	50	56	50	57	51	57	51	0.2	0.4	0.2	0.6	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0023	Residential	Ground	S	61	54	61	55	61	55	62	56	0.4	0.8	0.4	1	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0023	Residential	Ground	E	59	54	60	54	59	54	60	55	0.8	0.9	1	1.2	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0023	Residential	Ground	N	54	49	55	50	54	50	56	51	1.4	1.3	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0024	Residential	Ground	W	57	51	57	52	57	52	58	53	0.2	0.3	0.4	0.7	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0024	Residential	Ground	S	63	57	63	58	64	58	64	58	0.3	0.6	0.3	0.7	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0024	Residential	Ground	E	62	57	63	57	63	57	63	58	0.5	0.6	0.5	0.8	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0024	Residential	Ground	S	63	57	63	57	63	58	64	58	0.4	0.6	0.4	0.7	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0024	Residential	Ground	E	58	53	59	54	59	54	60	55	0.7	0.7	0.8	0.9	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0024	Residential	Ground	N	54	49	56	51	55	50	56	52	1.6	1.5	1.6	1.7	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0025	Residential	Ground	W	58	52	58	52	58	53	59	53	0.2	0.3	0.3	0.5	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0025	Residential	Ground	S	64	58	64	59	64	59	65	59	0.1	0.1	0.1	0.3	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0025	Residential	Ground	S	62	57	62	57	63	57	63	58	0.2	0.4	0.2	0.5	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0025	Residential	Ground	S	65	60	65	60	66	60	66	61	0.4	0.4	0.4	0.5	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0025	Residential	Ground	S	65	60	65	60	65	60	66	61	0.4	0.4	0.5	0.5	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0025	Residential	Ground	S	65	60	66	60	66	61	66	61	0.4	0.4	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0025	Residential	Ground	E	64	59	65	60	65	60	65	60	0.4	0.3	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0025	Residential	Ground	N	52	48	54	49	53	48	54	50	1.4	1.2	1.5	1.4	60	55	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0026	Residential	Ground	N	54	49	55	50	54	49	56	51	1.3	1.2	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0026	Residential	Ground	W	52	47	53	48	52	48	53	49	0.7	0.5	0.9	0.9	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0026	Residential	Ground	N	53	48	54	49	53	49	54	50	0.9	0.7	1	1	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0026	Residential	Ground	W	53	48	54	48	54	49	54	49	0.6	0.4	0.6	0.8	59	54	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA05A	NCA05A.RES.0026	Residential	Ground	S	59	53	60	54	59	54	60	55	0.8	0.8	0.8	0.9	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0026	Residential	Ground	W	57	51	57	52	57	52	58	53	0.4	0.5	0.5	0.8	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0026	Residential	Ground	S	60	54	60	55	60	55	61	56	0.6	0.7	0.6	0.9	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0026	Residential	Ground	E	55	51	56	51	56	51	57	52	1	0.9	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0027	Residential	Ground	W	57	51	57	51	57	51	57	52	0.2	0.3	0.2	0.6	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0027	Residential	Ground	S	63	57	63	57	63	57	64	58	0.4	0.6	0.3	0.8	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0027	Residential	Ground	E	61	55	62	56	62	56	62	57	0.5	0.8	0.6	0.9	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0027	Residential	Ground	S	61	56	62	56	62	56	62	57	0.5	0.7	0.5	0.9	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0027	Residential	Ground	E	59	54	60	54	59	54	60	55	0.7	0.7	0.8	1	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0027	Residential	Ground	N	54	49	55	50	54	50	56	51	1.1	1	1.2	1.2	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0028	Residential	Ground	E	61	56	61	56	61	56	62	57	0.5	0.6	0.5	0.7	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0028	Residential	Ground	N	54	49	56	51	55	50	56	52	1.5	1.3	1.5	1.5	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0028	Residential	Ground	W	56	51	57	52	57	52	58	53	0.5	0.4	0.5	0.6	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0028	Residential	Ground	S	62	57	63	57	63	58	63	58	0.5	0.4	0.5	0.6	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0029	Residential	Ground	W	54	50	55	50	55	50	56	51	0.6	0.4	0.8	0.8	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0029	Residential	Ground	S	56	52	57	53	57	52	58	53	1.2	1.1	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0029	Residential	Ground	E	56	51	57	52	56	52	58	53	1.3	1.1	1.4	1.4	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0029	Residential	Ground	N	54	49	55	51	54	50	56	51	1.5	1.3	1.5	1.5	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0030	Residential	Ground	W	69	64	69	64	70	65	70	65	0.3	0.1	0.2	0.1	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0030	Residential	Ground	S	65	60	65	60	65	61	66	61	0.5	0.4	0.5	0.4	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0030	Residential	Ground	E	59	54	60	56	59	55	61	56	1.8	1.7	1.9	1.8	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0030	Residential	Ground	N	64	60	65	60	65	60	65	60	0.3	0.1	0.4	0.2	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0031	Residential	Ground	W	68	63	68	63	69	64	69	64	0.2	0	0.1	0	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0031	Residential	Ground	S	62	58	63	58	63	58	63	59	0.7	0.5	0.7	0.6	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0031	Residential	Ground	E	62	57	64	59	63	58	65	60	1.8	1.8	1.8	1.8	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0031	Residential	Ground	S	61	56	63	58	62	57	64	59	1.9	1.9	1.9	2	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0031	Residential	Ground	E	67	62	68	63	68	63	69	64	1.1	1	1	1	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0031	Residential	Ground	N	70	65	70	65	70	65	71	66	0.4	0.3	0.5	0.4	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0859	Residential	Ground	S	59	53	60	54	60	54	60	55	0.6	0.9	0.6	1	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0859	Residential	Ground	E	57	51	58	52	57	52	58	53	0.7	0.9	0.8	1	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0859	Residential	Ground	E	56	51	57	52	57	52	58	53	0.8	0.8	0.8	1	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0859	Residential	Ground	E	56	50	56	51	56	51	57	52	0.7	0.7	0.8	1	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0859	Residential	Ground	N	53	48	54	49	54	49	55	50	1.2	1.1	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0859	Residential	Ground	E	55	50	56	51	55	51	57	52	1.1	1	1.3	1.3	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0859	Residential	Ground	N	53	48	54	49	53	48	55	50	1.5	1.4	1.6	1.6	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0859	Residential	Ground	W	52	47	53	48	53	48	54	49	0.6	0.6	0.8	0.9	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0859	Residential	Ground	N	51	46	52	47	52	47	53	48	0.8	0.6	0.9	1	59	54	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA05A	NCA05A.RES.0859	Residential	Ground	W	54	49	55	49	54	49	55	50	0.6	0.5	0.7	0.9	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0859	Residential	Ground	W	54	49	55	49	55	49	55	50	0.5	0.6	0.6	0.9	59	54	NO	NO	NO	NO	NO
NCA05A	NCA05A.RES.0859	Residential	Ground	W	55	49	55	50	55	50	56	51	0.4	0.5	0.5	0.8	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0021	Residential	Ground	W	54	48	55	49	55	49	55	50	0.5	0.6	0.6	0.9	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0021	Residential	Ground	S	59	53	60	53	60	53	60	54	0.2	0.7	0.2	0.9	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0021	Residential	Ground	E	55	50	56	51	56	50	56	51	0.7	0.8	0.8	1.1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0021	Residential	Ground	N	52	48	54	49	53	48	55	50	1.6	1.4	1.6	1.7	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0824	Residential	Ground	NW	55	48	55	48	56	49	56	49	0	0.4	0	0.6	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0824	Residential	Ground	SW	59	51	59	51	60	51	59	52	-0.1	0.4	-0.2	0.5	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0824	Residential	Ground	SW	58	50	58	50	59	51	59	51	-0.2	0.4	-0.3	0.5	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0824	Residential	Ground	SW	60	51	60	52	61	52	60	53	-0.2	0.5	-0.3	0.6	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0824	Residential	Ground	SW	58	50	58	51	59	51	59	52	0	0.6	-0.1	0.7	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0824	Residential	Ground	SW	59	51	59	52	60	52	60	52	-0.1	0.5	-0.2	0.6	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0824	Residential	Ground	SE	57	50	57	51	57	51	58	52	0.5	0.9	0.5	1.1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0824	Residential	Ground	NE	52	47	54	49	52	47	54	50	1.9	2	2	2.2	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0824	Residential	Ground	SE	52	47	54	49	52	48	54	50	1.9	2	2	2.3	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0824	Residential	Ground	NE	52	47	54	49	53	48	55	50	2.1	2.2	2.1	2.4	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0824	Residential	Ground	NW	49	44	50	45	49	44	50	45	0.9	0.9	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0824	Residential	Ground	NE	50	45	52	47	51	46	53	48	2	2	2.1	2.2	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0825	Residential	Ground	SW	53	47	53	48	53	48	54	49	0.9	0.8	1	1.2	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0825	Residential	Ground	SE	54	49	56	51	55	50	56	52	1.6	1.8	1.7	2	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0825	Residential	Ground	NE	52	47	54	49	52	48	55	50	2.2	2.2	2.3	2.5	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0825	Residential	Ground	SE	53	48	55	50	53	48	55	51	1.9	1.9	2	2.2	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0825	Residential	Ground	SW	52	47	53	48	53	48	54	49	1.1	1	1.2	1.4	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0825	Residential	Ground	SW	53	48	54	49	54	49	55	50	1.2	1.2	1.3	1.5	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0825	Residential	Ground	SE	53	48	54	49	54	49	55	50	1.2	1.2	1.4	1.6	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0825	Residential	Ground	NE	50	45	51	46	50	46	52	47	1.3	1.2	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0825	Residential	Ground	NW	51	45	51	46	51	46	52	47	0.6	0.7	0.8	1.1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0825	Residential	Ground	NW	49	44	49	44	49	44	50	45	0.7	0.8	1	1.1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0825	Residential	Ground	NW	52	46	52	47	52	47	53	48	0.5	0.7	0.6	1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0826	Residential	Ground	NE	50	45	51	46	50	46	52	47	1.2	1.1	1.4	1.4	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0826	Residential	Ground	NW	50	45	51	46	51	46	52	47	0.9	0.9	1.1	1.3	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0826	Residential	Ground	NW	51	46	52	47	51	46	52	48	0.9	0.8	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0826	Residential	Ground	SW	51	46	51	46	51	46	52	47	0.8	0.8	1	1.2	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0826	Residential	Ground	NW	51	46	52	46	51	46	52	47	0.8	0.8	1	1.2	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0826	Residential	Ground	SW	52	47	53	48	53	48	54	49	1	0.9	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0826	Residential	Ground	SW	51	47	52	48	52	47	53	49	1.1	1	1.3	1.4	59	54	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA05B	NCA05B.RES.0826	Residential	Ground	SW	51	47	52	48	52	47	53	49	1.1	1	1.3	1.5	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0826	Residential	Ground	SE	52	47	54	49	52	48	54	50	1.6	1.5	1.7	1.8	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0826	Residential	Ground	SW	52	47	54	49	53	48	54	50	1.5	1.5	1.7	1.8	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0826	Residential	Ground	SE	53	48	54	49	53	49	55	50	1.5	1.3	1.7	1.7	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0827	Residential	Ground	SW	50	45	51	46	50	46	52	47	1.2	1.1	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0827	Residential	Ground	SE	53	48	55	50	53	49	56	51	2.3	2.2	2.3	2.5	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0827	Residential	Ground	NE	51	47	54	49	52	47	54	50	2.5	2.4	2.5	2.6	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0827	Residential	Ground	NW	49	44	50	45	49	44	50	46	1	0.9	1.2	1.4	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0827	Residential	Ground	NE	48	43	49	44	48	44	50	45	1.1	1	1.2	1.4	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0827	Residential	Ground	NW	50	45	51	46	50	45	51	46	0.9	0.9	1.1	1.3	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0827	Residential	Ground	NW	48	43	49	44	49	44	50	45	0.9	0.8	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0827	Residential	Ground	NW	50	45	51	46	51	46	52	47	0.9	0.8	1.1	1.3	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0828	Residential	Ground	SW	52	47	53	48	52	48	54	49	1	0.9	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0828	Residential	Ground	NW	51	46	51	47	51	46	52	48	0.9	0.8	1.1	1.3	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0828	Residential	Ground	SW	52	47	53	48	52	48	54	49	1.2	1	1.4	1.4	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0828	Residential	Ground	SE	49	45	51	46	50	45	51	47	1.2	1.1	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0828	Residential	Ground	NE	51	47	54	49	52	47	55	50	2.7	2.7	2.8	2.9	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0828	Residential	Ground	NE	48	43	49	44	48	43	49	45	1	1	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0828	Residential	Ground	NE	50	46	53	49	51	46	54	49	3	2.9	3	3.1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0828	Residential	Ground	NW	48	43	49	44	48	44	50	45	1.1	1	1.3	1.3	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0828	Residential	Ground	NE	49	44	51	46	49	44	52	47	2.7	2.6	2.8	3	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0828	Residential	Ground	NW	50	46	51	46	51	46	52	47	1	0.9	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0829	Residential	Ground	NW	49	44	50	45	49	45	51	46	1.1	0.9	1.2	1.4	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0829	Residential	Ground	SW	53	48	54	49	53	48	54	50	1.1	1	1.2	1.4	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0829	Residential	Ground	SW	52	48	54	49	53	48	54	50	1.1	1	1.3	1.5	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0829	Residential	Ground	SW	53	48	54	49	53	48	54	50	1.1	1	1.3	1.5	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0829	Residential	Ground	SE	52	47	53	48	52	48	54	49	1.3	1.2	1.5	1.6	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0829	Residential	Ground	SW	52	47	53	48	52	48	54	49	1.3	1.2	1.4	1.6	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0829	Residential	Ground	SE	51	46	52	47	52	47	53	49	1.2	1	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0829	Residential	Ground	NE	51	47	54	49	52	47	55	50	2.6	2.7	2.7	2.9	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0829	Residential	Ground	NE	51	46	54	49	51	47	54	50	2.9	2.8	3	3	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0830	Residential	Ground	SW	52	48	54	49	53	48	54	50	1.1	1	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0830	Residential	Ground	SW	52	47	53	48	53	48	54	49	1.1	1	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0830	Residential	Ground	SW	52	48	53	48	53	48	54	49	1.1	0.9	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0830	Residential	Ground	SE	51	46	52	47	51	47	53	48	1.1	1	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0830	Residential	Ground	NE	51	46	54	49	52	47	54	50	2.6	2.6	2.7	2.8	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0830	Residential	Ground	NW	50	45	51	46	50	46	52	47	0.9	0.8	1.2	1.3	59	54	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA05B	NCA05B.RES.0831	Residential	Ground	SW	53	48	54	49	54	49	55	50	0.9	0.8	1	1.2	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0831	Residential	Ground	SE	53	48	55	50	54	49	56	51	2	2	2.1	2.3	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0831	Residential	Ground	NE	51	47	54	49	52	47	54	50	2.6	2.5	2.6	2.8	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0831	Residential	Ground	NE	48	43	49	44	48	43	49	45	1	0.9	1.2	1.4	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0831	Residential	Ground	NE	50	46	53	48	51	46	54	49	2.8	2.8	2.8	3	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0831	Residential	Ground	NW	49	44	50	45	49	44	50	46	1	0.8	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0831	Residential	Ground	NW	48	43	49	44	48	44	50	45	1.1	0.9	1.3	1.3	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0831	Residential	Ground	NW	50	45	51	46	51	46	52	47	0.9	0.8	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0831	Residential	Ground	SW	51	46	52	47	52	47	53	48	0.9	0.8	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0831	Residential	Ground	NW	50	45	51	46	51	46	52	47	0.8	0.8	1	1.2	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0832	Residential	Ground	NE	51	46	53	48	51	47	54	49	2.3	2.3	2.4	2.5	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0832	Residential	Ground	NW	53	48	54	48	54	48	54	49	0.4	0.5	0.4	0.8	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0832	Residential	Ground	SW	55	49	56	50	56	50	56	51	0.4	0.6	0.4	0.9	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0832	Residential	Ground	NW	55	48	55	49	55	49	56	50	0.2	0.5	0.3	0.8	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0832	Residential	Ground	SW	58	51	58	52	59	52	59	53	0.2	0.6	0.2	0.8	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0832	Residential	Ground	SE	54	49	55	49	55	49	55	50	0.6	0.7	0.7	1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0833	Residential	Ground	W	53	47	53	48	53	48	54	49	0.7	0.6	0.8	1.1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0833	Residential	Ground	S	56	50	56	50	56	50	57	51	0.4	0.6	0.4	0.9	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0833	Residential	Ground	S	55	49	56	50	56	50	56	51	0.4	0.6	0.4	0.9	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0833	Residential	Ground	S	57	51	58	52	58	52	58	53	0.6	0.9	0.5	1.1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0833	Residential	Ground	S	57	51	57	52	57	51	58	52	0.7	0.9	0.6	1.1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0833	Residential	Ground	S	57	51	58	52	58	52	58	53	0.6	0.8	0.5	1.1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0833	Residential	Ground	E	54	49	55	49	55	49	55	50	0.6	0.7	0.7	1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0833	Residential	Ground	N	50	45	51	46	51	46	52	47	1.2	1.1	1.4	1.5	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0834	Residential	Ground	W	53	47	53	48	53	48	54	49	0.7	0.7	0.8	1.1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0834	Residential	Ground	S	57	51	57	52	57	52	58	52	0.4	0.8	0.5	0.9	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0834	Residential	Ground	E	51	46	52	47	52	47	53	48	0.8	0.7	0.9	1.2	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0834	Residential	Ground	N	51	46	53	48	52	47	53	49	1.5	1.5	1.6	1.7	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0834	Residential	Ground	W	50	45	51	46	51	46	52	47	0.9	0.8	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0834	Residential	Ground	N	49	44	50	45	50	45	51	46	0.9	0.9	1.1	1.3	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0835	Residential	Ground	W	52	47	53	48	53	48	53	49	0.7	0.7	0.9	1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0835	Residential	Ground	S	56	50	57	51	57	51	57	52	0.3	0.5	0.3	0.8	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0835	Residential	Ground	S	56	50	56	50	56	50	57	51	0.3	0.5	0.3	0.8	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0835	Residential	Ground	S	57	51	58	52	58	52	58	53	0.4	0.8	0.4	1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0835	Residential	Ground	E	54	48	54	49	54	49	55	50	0.5	0.6	0.6	0.9	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0835	Residential	Ground	E	53	47	53	48	53	48	54	49	0.6	0.6	0.7	1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0835	Residential	Ground	E	53	48	54	49	53	48	54	50	1.1	1	1.1	1.3	59	54	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA05B	NCA05B.RES.0835	Residential	Ground	N	51	46	53	48	52	47	54	49	1.8	1.7	1.8	2	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0835	Residential	Ground	W	49	44	50	45	49	45	51	46	0.9	0.8	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0835	Residential	Ground	N	50	45	51	46	50	45	51	47	1	1	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0836	Residential	Ground	W	53	48	54	48	54	49	54	50	0.6	0.6	0.7	1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0836	Residential	Ground	S	56	50	57	51	57	51	57	52	0.3	0.6	0.3	0.8	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0836	Residential	Ground	W	56	50	56	50	56	50	56	51	0.3	0.5	0.3	0.7	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0836	Residential	Ground	S	57	51	58	52	58	52	58	53	0.4	0.8	0.5	0.9	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0836	Residential	Ground	E	53	47	53	48	53	48	54	49	0.5	0.6	0.6	1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0836	Residential	Ground	N	50	45	52	47	51	46	52	48	1.4	1.3	1.5	1.5	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0837	Residential	Ground	N	50	45	51	46	50	46	52	47	1.1	1	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0837	Residential	Ground	W	52	47	52	47	52	47	53	48	0.6	0.6	0.8	1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0837	Residential	Ground	S	56	50	56	51	57	51	57	52	0.3	0.6	0.4	0.8	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0837	Residential	Ground	W	56	50	56	50	56	50	56	51	0.3	0.4	0.3	0.7	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0837	Residential	Ground	S	57	51	58	52	58	52	58	53	0.4	0.7	0.5	0.9	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0837	Residential	Ground	E	51	46	52	47	52	47	53	48	0.6	0.6	0.7	1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0838	Residential	Ground	W	51	46	52	46	51	46	52	47	0.9	0.7	1	1.1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0838	Residential	Ground	S	57	51	58	52	58	52	58	53	0.5	0.7	0.5	0.9	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0838	Residential	Ground	E	53	47	53	48	53	48	54	49	0.7	0.6	0.8	1.1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0838	Residential	Ground	E	53	48	54	49	53	49	55	50	1.1	1.1	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0838	Residential	Ground	N	51	46	52	48	51	47	53	48	1.5	1.5	1.7	1.7	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0839	Residential	Ground	W	53	48	53	48	53	48	54	49	0.6	0.5	0.6	1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0839	Residential	Ground	S	57	51	58	52	58	52	58	53	0.5	0.7	0.6	1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0839	Residential	Ground	E	53	47	53	48	53	48	54	49	0.7	0.7	0.7	1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0839	Residential	Ground	N	50	45	51	46	51	46	52	47	1.2	1	1.3	1.5	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0840	Residential	Ground	W	51	46	52	47	52	47	53	48	0.8	0.8	0.9	1.2	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0840	Residential	Ground	S	57	51	58	52	58	52	58	53	0.6	0.7	0.5	0.9	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0840	Residential	Ground	S	56	50	57	51	57	51	57	52	0.6	0.7	0.6	1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0840	Residential	Ground	S	57	51	57	52	57	52	58	53	0.5	0.7	0.5	0.9	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0840	Residential	Ground	N	51	46	53	48	51	46	54	49	2.2	2.2	2.4	2.5	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0840	Residential	Ground	E	52	47	54	50	53	48	55	50	2.1	2.1	2.3	2.4	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0840	Residential	Ground	N	52	47	53	48	52	48	54	49	1.4	1.3	1.5	1.6	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0841	Residential	Ground	S	57	51	58	52	58	52	58	53	0.5	0.8	0.5	0.9	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0841	Residential	Ground	E	56	50	56	51	56	51	57	52	0.6	0.8	0.6	0.9	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0841	Residential	Ground	S	56	50	57	51	57	51	57	52	0.5	0.7	0.6	0.9	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0841	Residential	Ground	E	53	47	53	48	53	48	54	49	0.8	0.8	0.9	1.1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0841	Residential	Ground	N	51	46	53	48	52	47	54	49	2	1.9	2.1	2.2	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0842	Residential	Ground	W	54	48	54	49	54	49	55	50	0.5	0.5	0.6	0.9	59	54	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA05B	NCA05B.RES.0842	Residential	Ground	S	57	51	58	52	58	52	58	53	0.6	0.8	0.5	1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0842	Residential	Ground	E	56	51	57	51	57	51	58	52	0.7	0.9	0.8	1.1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0842	Residential	Ground	S	57	51	58	52	57	52	58	53	0.7	0.8	0.6	1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0842	Residential	Ground	E	55	50	56	51	56	51	57	52	0.8	0.9	0.8	1.1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0842	Residential	Ground	E	55	50	56	51	56	50	56	51	0.9	0.9	0.8	1.1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0842	Residential	Ground	E	55	50	56	51	55	50	56	51	0.8	1	0.9	1.2	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0842	Residential	Ground	N	52	47	54	49	53	48	54	50	1.4	1.3	1.4	1.6	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0842	Residential	Ground	E	53	48	54	49	54	49	55	50	1.2	1.2	1.3	1.5	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0842	Residential	Ground	N	51	47	53	48	52	47	54	49	1.5	1.4	1.5	1.6	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0842	Residential	Ground	W	50	45	51	46	50	45	51	47	0.9	0.7	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0842	Residential	Ground	N	49	44	50	45	50	45	51	46	0.9	0.9	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0843	Residential	Ground	W	54	49	55	49	55	49	55	50	0.6	0.6	0.7	1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0843	Residential	Ground	S	57	51	58	52	58	52	59	53	0.5	0.8	0.5	1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0843	Residential	Ground	S	56	51	57	51	57	51	58	52	0.7	0.8	0.6	1.1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0843	Residential	Ground	S	57	51	57	52	57	52	58	53	0.5	0.7	0.6	0.9	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0843	Residential	Ground	E	54	48	54	49	54	49	55	50	0.8	0.7	0.8	1.1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0843	Residential	Ground	N	51	46	52	47	51	47	53	48	1.4	1.3	1.5	1.6	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0843	Residential	Ground	E	52	47	53	49	52	48	54	49	1.5	1.3	1.6	1.6	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0843	Residential	Ground	N	52	47	53	48	52	48	54	49	1.4	1.3	1.5	1.6	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0844	Residential	Ground	W	54	48	54	49	54	49	55	50	0.6	0.7	0.7	1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0844	Residential	Ground	S	58	52	58	52	58	52	59	53	0.4	0.6	0.5	0.9	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0844	Residential	Ground	S	57	51	58	52	58	52	58	53	0.4	0.7	0.4	0.8	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0844	Residential	Ground	E	54	49	55	49	54	49	55	50	0.9	0.8	0.9	1.2	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0844	Residential	Ground	N	51	46	52	47	51	46	53	48	1.4	1.3	1.5	1.7	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0845	Residential	Ground	W	50	45	51	46	50	46	51	47	0.8	0.8	1	1.1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0845	Residential	Ground	N	50	45	51	46	50	46	51	47	0.8	0.8	1	1.1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0845	Residential	Ground	W	53	48	53	48	53	48	54	49	0.7	0.6	0.8	1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0845	Residential	Ground	S	53	48	53	48	53	48	54	49	0.9	0.8	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0845	Residential	Ground	W	50	45	51	46	51	46	52	47	0.8	0.7	1	1.1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0845	Residential	Ground	N	50	45	51	46	50	46	52	47	0.9	0.9	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0845	Residential	Ground	W	55	49	56	50	56	50	56	51	0.3	0.5	0.4	0.8	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0845	Residential	Ground	S	58	52	58	52	58	52	59	53	0.3	0.6	0.4	0.8	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0845	Residential	Ground	E	52	47	53	47	52	47	53	48	0.8	0.7	0.9	1.1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0845	Residential	Ground	N	51	46	53	48	52	47	53	49	1.6	1.5	1.7	1.8	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0845	Residential	Ground	E	51	47	53	48	52	47	54	49	1.4	1.3	1.5	1.6	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0845	Residential	Ground	N	51	47	52	48	52	47	53	48	1.1	1	1.2	1.3	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0846	Residential	Ground	W	53	47	53	48	53	48	54	49	0.6	0.6	0.7	1	59	54	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA05B	NCA05B.RES.0846	Residential	Ground	S	58	51	58	52	58	52	59	53	0.2	0.5	0.3	0.7	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0846	Residential	Ground	S	57	51	57	51	58	51	58	52	0.2	0.5	0.2	0.6	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0846	Residential	Ground	S	58	52	58	52	59	52	59	53	0.3	0.6	0.3	0.8	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0846	Residential	Ground	E	54	48	54	49	54	49	55	50	0.7	0.8	0.8	1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0846	Residential	Ground	N	51	47	53	48	52	47	53	49	1.6	1.4	1.6	1.7	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0846	Residential	Ground	W	51	46	52	47	51	47	52	48	0.9	0.8	1.1	1.3	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0846	Residential	Ground	N	50	45	51	46	50	45	51	47	0.9	0.8	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0847	Residential	Ground	W	53	48	54	49	54	49	55	50	0.5	0.6	0.6	0.9	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0847	Residential	Ground	S	57	51	57	51	58	51	58	52	0.3	0.5	0.3	0.8	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0847	Residential	Ground	E	51	46	52	47	52	47	52	48	0.7	0.6	0.7	1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0847	Residential	Ground	N	51	46	52	47	52	47	53	48	0.9	0.8	1.1	1.1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0848	Residential	Ground	W	52	47	53	47	53	48	54	48	0.5	0.6	0.7	0.9	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0848	Residential	Ground	S	58	52	59	52	59	52	59	53	0.2	0.6	0.1	0.8	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0848	Residential	Ground	S	57	51	57	51	58	51	58	52	0.3	0.7	0.3	0.9	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0848	Residential	Ground	S	58	51	58	52	58	52	58	53	0.2	0.6	0.2	0.8	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0848	Residential	Ground	S	56	50	56	50	56	50	57	51	0.4	0.7	0.4	0.9	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0848	Residential	Ground	S	56	50	57	51	57	51	57	52	0.2	0.6	0.3	0.8	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0848	Residential	Ground	E	53	48	54	49	54	49	55	50	1.1	1.1	1.2	1.4	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0848	Residential	Ground	S	56	50	57	51	57	51	57	52	0.2	0.6	0.3	0.8	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0848	Residential	Ground	E	53	48	54	49	54	49	55	50	1.1	1.1	1.2	1.4	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0848	Residential	Ground	N	52	47	53	48	52	48	54	49	1.2	1.1	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0848	Residential	Ground	W	50	45	51	46	50	45	51	47	1	0.8	1	1.2	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0848	Residential	Ground	N	50	45	51	46	50	46	51	47	0.9	0.8	1.1	1.1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0848	Residential	Ground	E	50	46	51	46	51	46	52	47	1	0.8	1.1	1.2	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0848	Residential	Ground	N	52	47	53	48	52	48	54	49	1.3	1.3	1.5	1.5	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0849	Residential	Ground	W	56	50	56	50	57	50	57	51	0.1	0.5	0.2	0.7	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0849	Residential	Ground	S	60	52	60	53	61	53	61	54	-0.1	0.5	-0.2	0.7	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0849	Residential	Ground	E	54	48	55	49	55	49	55	50	0.4	0.7	0.6	0.9	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0849	Residential	Ground	N	51	47	53	48	52	47	53	49	1.4	1.3	1.5	1.7	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0850	Residential	Ground	W	55	49	55	49	55	49	56	50	0.3	0.6	0.4	0.9	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0850	Residential	Ground	S	61	53	61	53	62	54	62	54	-0.1	0.6	-0.2	0.6	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0850	Residential	Ground	E	54	48	55	49	55	49	55	50	0.4	0.6	0.4	0.9	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0850	Residential	Ground	N	51	46	52	47	52	47	53	48	1.2	1.1	1.3	1.4	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0851	Residential	Ground	W	53	48	54	48	54	48	54	49	0.5	0.6	0.6	0.9	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0851	Residential	Ground	S	60	52	60	53	61	53	60	53	0	0.5	-0.1	0.6	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0851	Residential	Ground	E	53	48	54	49	54	48	55	50	0.7	0.8	0.7	1.1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0852	Residential	Ground	W	55	49	55	49	56	49	56	50	0.3	0.6	0.4	0.9	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0852	Residential	Ground	S	63	54	63	54	64	55	63	55	-0.1	0.7	-0.2	0.7	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0852	Residential	Ground	E	57	51	58	52	58	52	59	53	0.7	1.1	0.7	1.2	59	54	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA05B	NCA05B.RES.0852	Residential	Ground	N	52	47	53	48	52	48	54	49	1.2	1.2	1.4	1.4	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0853	Residential	Ground	W	52	47	53	48	52	48	53	49	0.9	0.7	1.1	1.1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0853	Residential	Ground	N	50	45	51	46	51	46	52	47	0.8	0.7	1	1.1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0853	Residential	Ground	W	54	48	54	49	54	49	55	50	0.5	0.6	0.7	0.9	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0853	Residential	Ground	S	57	51	58	52	58	52	59	53	0.5	0.8	0.6	1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0853	Residential	Ground	E	54	48	54	48	54	49	55	49	0.5	0.5	0.5	0.8	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0853	Residential	Ground	E	51	46	52	47	51	46	52	47	0.9	0.8	1.1	1.1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0853	Residential	Ground	N	51	46	52	47	52	47	53	48	1.1	1	1.2	1.2	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0854	Residential	Ground	W	51	46	52	47	51	47	52	48	0.8	0.7	1	1.1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0854	Residential	Ground	N	50	46	51	46	51	46	52	47	0.8	0.7	1	1.1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0854	Residential	Ground	W	51	46	52	47	51	47	53	48	0.9	0.8	1.1	1.1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0854	Residential	Ground	N	50	45	51	46	50	46	51	47	1	0.8	1	1.2	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0854	Residential	Ground	W	52	46	52	47	52	47	53	48	0.7	0.7	0.9	1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0854	Residential	Ground	S	55	50	56	50	56	50	56	51	0.4	0.6	0.5	0.9	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0854	Residential	Ground	W	55	49	56	50	56	50	56	51	0.3	0.5	0.4	0.8	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0854	Residential	Ground	S	59	52	59	53	59	53	59	54	0.4	0.8	0.4	0.9	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0854	Residential	Ground	E	52	47	53	48	53	48	54	49	0.9	0.8	1	1.1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0854	Residential	Ground	N	53	48	55	50	54	49	55	51	1.5	1.5	1.6	1.7	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0855	Residential	Ground	E	53	48	54	49	54	49	55	50	0.7	0.8	0.8	1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0855	Residential	Ground	N	52	47	54	49	52	48	54	50	2.1	2	2.1	2.2	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0855	Residential	Ground	E	52	48	54	50	53	48	55	50	2	1.9	2.1	2.1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0855	Residential	Ground	N	53	48	55	50	54	49	55	51	1.8	1.7	1.9	2	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0855	Residential	Ground	E	54	49	55	51	54	50	56	51	1.6	1.5	1.7	1.7	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0855	Residential	Ground	N	53	49	55	50	54	49	56	51	1.6	1.5	1.7	1.7	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0855	Residential	Ground	W	52	47	53	48	53	48	53	49	0.8	0.7	0.9	1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0855	Residential	Ground	W	55	49	56	50	56	50	56	51	0.3	0.5	0.4	0.8	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0855	Residential	Ground	W	56	50	56	50	57	50	57	51	0.2	0.5	0.3	0.7	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0855	Residential	Ground	S	59	53	59	53	60	53	60	54	0.3	0.7	0.3	0.9	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0855	Residential	Ground	S	58	51	58	51	58	52	59	52	0.1	0.5	0.1	0.7	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0855	Residential	Ground	S	60	53	60	54	61	54	61	55	0.2	0.7	0.2	0.9	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0856	Residential	Ground	N	52	48	54	50	53	48	55	50	2	2	2.1	2.2	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0856	Residential	Ground	W	53	48	54	48	54	48	54	49	0.6	0.6	0.7	1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0856	Residential	Ground	S	60	53	60	54	61	54	61	55	0.2	0.7	0.2	0.9	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0856	Residential	Ground	E	57	51	58	52	58	52	58	53	0.6	0.8	0.5	1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0856	Residential	Ground	S	58	51	58	52	58	52	59	53	0.4	0.8	0.4	1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0856	Residential	Ground	E	53	48	54	49	54	49	55	50	0.7	0.7	0.8	1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0857	Residential	Ground	W	54	48	54	49	54	49	55	50	0.5	0.5	0.6	0.9	59	54	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA05B	NCA05B.RES.0857	Residential	Ground	S	57	50	57	51	57	51	58	52	0.2	0.5	0.2	0.7	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0857	Residential	Ground	W	57	50	57	51	58	51	58	51	0	0.4	0	0.6	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0857	Residential	Ground	S	60	53	61	54	61	54	61	55	0.2	0.8	0.2	0.9	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0857	Residential	Ground	E	57	51	58	52	58	52	58	53	0.4	0.8	0.4	1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0857	Residential	Ground	S	57	51	57	51	57	51	58	52	0.4	0.7	0.4	0.9	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0857	Residential	Ground	E	54	49	55	49	55	49	55	50	0.6	0.7	0.6	0.9	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0857	Residential	Ground	E	53	48	54	49	54	49	55	50	0.9	0.8	0.9	1.1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0857	Residential	Ground	N	52	47	54	49	53	48	54	50	1.6	1.5	1.6	1.7	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0858	Residential	Ground	W	54	49	55	49	55	49	55	50	0.4	0.5	0.4	0.8	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0858	Residential	Ground	S	60	53	60	54	61	54	61	55	0.2	0.8	0.1	1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0858	Residential	Ground	E	55	49	56	50	55	50	56	51	0.6	0.7	0.7	1	59	54	NO	NO	NO	NO	NO
NCA05B	NCA05B.RES.0858	Residential	Ground	N	53	48	54	49	53	48	55	50	1.5	1.4	1.6	1.6	59	54	NO	NO	NO	NO	NO
NCA07	NCA07.RES.0002	Residential	Ground	NE	71	67	71	66	72	67	72	67	-0.5	-0.6	-0.4	-0.5	60	55	NO	NO	NO	NO	NO
NCA07	NCA07.RES.0002	Residential	Ground	NW	73	68	71	67	73	69	72	67	-1.2	-1.3	-1	-1.2	60	55	NO	NO	NO	NO	NO
NCA07	NCA07.RES.0002	Residential	Ground	NE	72	68	71	66	73	68	72	67	-1	-1.1	-0.8	-1.1	60	55	NO	NO	NO	NO	NO
NCA07	NCA07.RES.0002	Residential	Ground	NW	72	68	71	67	73	69	72	67	-1.2	-1.4	-1	-1.2	60	55	NO	NO	NO	NO	NO
NCA07	NCA07.RES.0002	Residential	Ground	SW	68	63	68	63	68	64	69	64	-0.1	-0.2	0.1	0	60	55	NO	NO	NO	NO	NO
NCA07	NCA07.RES.0002	Residential	Ground	SE	61	56	61	56	61	57	62	57	0.2	0.2	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA07	NCA07.RES.0003	Residential	Ground	NW	61	57	63	58	62	57	64	59	1.9	1.9	2	2.4	57	52	YES	YES	NO	NO	YES
NCA07	NCA07.RES.0003	Residential	Ground	SW	55	50	57	53	55	50	58	54	2.8	2.8	3	3.3	57	52	NO	NO	NO	NO	YES
NCA07	NCA07.RES.0003	Residential	Ground	SE	58	53	60	55	58	54	60	56	2	1.8	2	2.2	57	52	NO	NO	NO	NO	YES
NCA07	NCA07.RES.0003	Residential	Ground	NE	62	57	64	59	63	58	64	60	1.7	1.6	1.8	2.1	57	52	YES	YES	NO	YES	YES
NCA07	NCA07.RES.0003	Residential	Ground	NE	62	57	64	59	62	58	64	60	1.7	1.6	1.7	2	57	52	YES	YES	NO	YES	YES
NCA07	NCA07.RES.0003	Residential	Ground	NE	62	57	64	59	63	58	64	60	1.7	1.6	1.8	2.1	57	52	YES	YES	NO	YES	YES
NCA07	NCA07.RES.0003	Residential	Ground	NE	62	57	64	59	63	58	64	60	1.5	1.6	1.6	1.9	57	52	YES	YES	NO	YES	YES
NCA07	NCA07.RES.0003	Residential	Ground	NE	62	58	64	59	63	58	64	60	1.7	1.7	1.8	2.1	57	52	YES	YES	NO	YES	YES
NCA09	NCA09.RES.0001	Residential	Ground	W	65	61	65	61	66	61	66	61	-0.2	-0.3	0.1	0	55	50	YES	YES	NO	YES	YES
NCA09	NCA09.RES.0001	Residential	Ground	S	63	59	63	58	64	59	63	59	-0.9	-0.7	-0.4	-0.4	55	50	YES	YES	NO	NO	YES
NCA09	NCA09.RES.0001	Residential	Ground	W	64	60	63	59	64	60	64	60	-0.9	-0.7	-0.4	-0.4	55	50	YES	YES	NO	NO	YES
NCA09	NCA09.RES.0001	Residential	Ground	S	62	57	61	57	62	58	62	57	-0.9	-0.7	-0.4	-0.4	55	50	NO	NO	NO	NO	NO
NCA09	NCA09.RES.0001	Residential	Ground	E	57	53	58	53	58	53	58	54	0.5	0.1	0.9	0.8	55	50	NO	NO	NO	NO	NO
NCA09	NCA09.RES.0001	Residential	Ground	N	58	53	57	53	58	54	58	53	-0.7	-0.7	-0.3	-0.4	55	50	NO	NO	NO	NO	NO
NCA12	NCA12.RES.0001	Residential	Ground	NW	75	71	71	65	76	72	71	66	-4.7	-5.9	-4.9	-5.8	55	50	NO	NO	NO	NO	NO
NCA12	NCA12.RES.0001	Residential	Ground	SW	71	67	67	61	72	67	67	62	-4.4	-5.4	-4.5	-5.3	55	50	NO	NO	NO	NO	NO
NCA12	NCA12.RES.0001	Residential	Ground	SW	70	66	66	60	70	66	66	61	-4.4	-5.4	-4.5	-5.4	55	50	NO	NO	NO	NO	NO
NCA12	NCA12.RES.0001	Residential	Ground	SW	69	64	65	60	69	65	65	60	-3.7	-4.5	-3.8	-4.5	55	50	NO	NO	NO	NO	NO
NCA12	NCA12.RES.0001	Residential	Ground	SE	63	59	61	57	64	59	62	57	-1.8	-2.3	-1.8	-2.2	55	50	YES	YES	NO	NO	YES

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA12	NCA12.RES.0001	Residential	Ground	NE	64	59	61	55	64	60	61	56	-3.3	-4	-3.3	-3.9	55	50	NO	NO	NO	NO	NO
NCA12	NCA12.RES.0001	Residential	Ground	SE	64	60	61	55	65	60	61	56	-3.5	-4.3	-3.6	-4.3	55	50	NO	NO	NO	NO	NO
NCA12	NCA12.RES.0001	Residential	Ground	NE	71	66	66	61	71	67	67	62	-4.2	-5	-4.3	-5	55	50	NO	NO	NO	NO	NO
NCA12	NCA12.RES.0002	Residential	Ground	N	70	66	66	61	71	66	66	61	-4.4	-5.3	-4.4	-5.3	55	50	NO	NO	NO	NO	NO
NCA12	NCA12.RES.0002	Residential	Ground	W	72	68	68	62	73	68	68	63	-4.5	-5.5	-4.6	-5.5	55	50	NO	NO	NO	NO	NO
NCA12	NCA12.RES.0002	Residential	Ground	N	72	67	67	62	72	68	68	62	-4.4	-5.5	-4.6	-5.5	55	50	NO	NO	NO	NO	NO
NCA12	NCA12.RES.0002	Residential	Ground	W	72	67	67	62	72	68	67	62	-4.4	-5.4	-4.6	-5.4	55	50	NO	NO	NO	NO	NO
NCA12	NCA12.RES.0002	Residential	Ground	S	62	57	58	53	62	58	59	54	-3.6	-4.4	-3.7	-4.4	55	50	NO	NO	NO	NO	NO
NCA12	NCA12.RES.0002	Residential	Ground	E	63	59	62	57	64	59	62	57	-1.7	-2	-1.7	-1.9	55	50	YES	YES	NO	NO	YES
NCA12	NCA12.RES.0003	Residential	Ground	W	72	67	67	62	72	68	67	62	-4.4	-5.4	-4.5	-5.4	55	50	NO	NO	NO	NO	NO
NCA12	NCA12.RES.0003	Residential	Ground	W	72	68	68	63	73	68	68	63	-4.3	-5.2	-4.4	-5.2	55	50	NO	NO	NO	NO	NO
NCA12	NCA12.RES.0003	Residential	Ground	S	60	56	58	53	61	56	58	54	-2.4	-2.9	-2.4	-2.8	55	50	NO	NO	NO	NO	NO
NCA12	NCA12.RES.0003	Residential	Ground	E	57	52	60	56	57	53	61	56	3.6	3.7	3.8	3.9	55	50	YES	YES	NO	NO	YES
NCA12	NCA12.RES.0003	Residential	Ground	N	70	66	66	61	71	66	66	61	-4.4	-5.3	-4.5	-5.3	55	50	NO	NO	NO	NO	NO
NCA12	NCA12.RES.0003	Residential	Ground	W	73	68	68	63	73	69	69	63	-4.4	-5.3	-4.4	-5.3	55	50	NO	NO	NO	NO	NO
NCA12	NCA12.RES.0004	Residential	Ground	W	71	67	67	61	71	67	67	62	-4.2	-5.2	-4.4	-5.2	55	50	NO	NO	NO	NO	NO
NCA12	NCA12.RES.0004	Residential	Ground	S	64	59	60	55	64	60	61	56	-3.3	-3.8	-3.2	-3.8	55	50	NO	NO	NO	NO	NO
NCA12	NCA12.RES.0004	Residential	Ground	E	56	52	59	54	57	52	60	55	2.4	2.4	2.6	2.6	55	50	YES	YES	NO	NO	YES
NCA12	NCA12.RES.0004	Residential	Ground	N	59	55	58	54	60	55	59	54	-0.9	-1.1	-0.7	-1	55	50	NO	NO	NO	NO	NO
NCA12	NCA12.RES.0005	Residential	Ground	W	71	67	67	61	71	67	67	62	-4.3	-5.2	-4.4	-5.3	55	50	NO	NO	NO	NO	NO
NCA12	NCA12.RES.0005	Residential	Ground	W	68	64	64	59	69	65	65	59	-4.1	-5	-4.3	-5.1	55	50	NO	NO	NO	NO	NO
NCA12	NCA12.RES.0005	Residential	Ground	W	69	65	65	60	70	65	65	60	-4.2	-5.1	-4.2	-5.1	55	50	NO	NO	NO	NO	NO
NCA12	NCA12.RES.0005	Residential	Ground	S	64	59	60	55	64	60	61	56	-3.6	-4.4	-3.7	-4.4	55	50	NO	NO	NO	NO	NO
NCA12	NCA12.RES.0005	Residential	Ground	S	61	57	58	53	62	57	58	53	-3.4	-4	-3.3	-4	55	50	NO	NO	NO	NO	NO
NCA12	NCA12.RES.0005	Residential	Ground	E	56	52	55	51	57	52	56	51	-0.8	-1.2	-0.8	-1	55	50	NO	NO	NO	NO	NO
NCA12	NCA12.RES.0005	Residential	Ground	N	68	64	65	59	69	65	65	60	-3.9	-4.8	-4.1	-4.8	55	50	NO	NO	NO	NO	NO
NCA12	NCA12.RES.0006	Residential	Ground	W	71	67	67	62	72	67	67	62	-4.2	-5.1	-4.3	-5.1	55	50	NO	NO	NO	NO	NO
NCA12	NCA12.RES.0006	Residential	Ground	S	62	57	62	57	62	58	62	57	-0.1	-0.4	-0.1	-0.3	55	50	YES	YES	NO	NO	YES
NCA12	NCA12.RES.0006	Residential	Ground	E	55	51	60	56	56	51	61	56	4.8	4.8	5	5.1	55	50	YES	YES	NO	NO	YES
NCA12	NCA12.RES.0006	Residential	Ground	N	68	64	64	59	69	65	65	59	-4.1	-5	-4.3	-5.1	55	50	NO	NO	NO	NO	NO
NCA12	NCA12.RES.0007	Residential	Ground	W	71	67	67	62	72	67	67	62	-4.1	-5.1	-4.2	-5	55	50	NO	NO	NO	NO	NO
NCA12	NCA12.RES.0007	Residential	Ground	S	67	63	65	60	68	63	65	60	-2.5	-3.1	-2.6	-3	55	50	YES	YES	NO	NO	YES
NCA12	NCA12.RES.0007	Residential	Ground	E	56	51	60	56	56	52	61	56	4.2	4.3	4.4	4.5	55	50	YES	YES	NO	NO	YES
NCA12	NCA12.RES.0007	Residential	Ground	N	69	64	65	60	69	65	66	61	-3.6	-4.3	-3.7	-4.3	55	50	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0001	Residential	Ground	N	53	49	53	49	53	50	54	50	0.7	-0.1	1.1	0.8	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0001	Residential	Ground	W	56	52	59	54	56	53	59	55	2.6	1.5	3	2.3	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0001	Residential	Ground	S	59	56	61	57	60	56	62	58	1.9	0.8	2.3	1.7	60	55	NO	NO	NO	NO	YES

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA13	NCA13.RES.0001	Residential	Ground	E	59	55	61	56	59	56	62	58	2.2	1.2	2.5	2	60	55	NO	NO	NO	NO	YES
NCA13	NCA13.RES.0001	Residential	Ground	S	59	56	61	57	60	56	62	58	1.8	0.8	2.2	1.6	60	55	NO	NO	NO	NO	YES
NCA13	NCA13.RES.0001	Residential	Ground	E	58	55	60	55	59	55	61	57	1.3	0.3	1.7	1.3	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0001	Residential	Ground	N	54	51	55	50	55	51	56	52	0.5	-0.4	0.8	0.6	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0001	Residential	Ground	N	49	46	51	46	50	46	52	48	1.5	0.5	1.8	1.4	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0002	Residential	Ground	N	57	54	57	53	58	54	58	54	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0002	Residential	Ground	W	59	55	59	55	59	56	60	56	0.7	-0.2	1.1	0.8	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0002	Residential	Ground	S	57	53	58	53	57	54	59	55	1	0.1	1.3	0.9	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0002	Residential	Ground	W	57	54	58	54	58	54	59	55	0.9	0.1	1.3	0.9	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0002	Residential	Ground	S	57	53	58	53	57	54	59	55	1	0.1	1.4	1	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0002	Residential	Ground	E	49	45	49	45	49	46	50	46	0.6	-0.2	0.9	0.7	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0002	Residential	Ground	S	53	50	55	51	54	50	56	52	2	1	2.2	1.7	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0002	Residential	Ground	E	49	45	49	45	49	46	50	46	0.6	-0.3	0.9	0.6	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0003	Residential	Ground	N	54	51	55	50	55	52	56	52	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0003	Residential	Ground	W	59	56	60	56	60	56	61	57	0.8	-0.2	1.1	0.7	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0003	Residential	Ground	S	59	55	60	55	59	56	61	57	0.9	0	1.2	0.9	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0003	Residential	Ground	E	52	48	52	48	52	49	53	49	0.2	-0.6	0.7	0.5	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0004	Residential	Ground	E	52	48	52	48	52	49	53	49	0.3	-0.6	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0004	Residential	Ground	N	60	57	60	56	61	57	61	57	0	-0.8	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0004	Residential	Ground	W	59	55	59	54	59	56	60	56	0.1	-0.9	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0004	Residential	Ground	W	52	49	53	48	53	49	54	50	0.4	-0.4	0.8	0.6	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0004	Residential	Ground	S	52	48	52	48	52	49	53	49	0.5	-0.3	0.8	0.6	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0004	Residential	Ground	S	57	54	59	54	58	54	60	56	1.3	0.3	1.6	1.1	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0004	Residential	Ground	E	56	53	57	53	57	53	58	54	1.4	0.4	1.6	1.2	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0005	Residential	Ground	N	61	58	61	57	62	58	62	58	-0.1	-1	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0005	Residential	Ground	E	58	54	58	54	58	55	59	55	0.4	-0.5	0.7	0.5	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0005	Residential	Ground	N	63	60	63	59	64	61	64	61	-0.1	-0.9	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0005	Residential	Ground	W	65	61	65	61	65	62	66	62	0.2	-0.6	0.6	0.3	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0005	Residential	Ground	S	61	58	62	58	62	59	63	59	0.5	-0.4	0.8	0.5	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0005	Residential	Ground	S	61	57	61	57	61	58	62	58	0.6	-0.3	0.9	0.6	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0005	Residential	Ground	E	53	50	54	50	54	51	54	51	0.1	-0.5	0.4	0.4	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0006	Residential	Ground	NE	53	49	53	49	53	50	54	50	0.1	-0.9	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0006	Residential	Ground	N	56	53	56	52	57	53	57	53	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0006	Residential	Ground	NW	56	53	56	52	57	53	57	53	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0006	Residential	Ground	N	56	53	56	52	57	53	57	53	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0006	Residential	Ground	W	56	53	56	52	57	53	57	53	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0006	Residential	Ground	N	56	53	56	52	57	53	57	53	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA13	NCA13.RES.0006	Residential	Ground	W	57	54	58	53	58	54	59	55	0.6	-0.2	1	0.7	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0006	Residential	Ground	S	56	52	57	52	56	53	58	54	0.9	0	1.2	0.9	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0006	Residential	Ground	S	55	52	56	52	56	52	57	53	1	0.1	1.3	1	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0006	Residential	Ground	S	55	51	56	51	55	52	57	53	1.1	0.3	1.5	1.1	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0006	Residential	Ground	E	47	43	47	43	48	44	48	45	0.5	-0.3	0.8	0.6	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0006	Residential	Ground	N	52	49	52	48	53	49	53	50	0.2	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0006	Residential	Ground	N	51	47	51	47	51	48	52	48	0.1	-0.7	0.6	0.3	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0007	Residential	Ground	N	50	46	50	46	50	47	51	47	0.2	-0.7	0.5	0.4	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0007	Residential	Ground	N	54	50	54	49	54	51	55	51	0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0007	Residential	Ground	W	54	51	54	50	55	51	55	51	0.2	-0.7	0.5	0.4	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0007	Residential	Ground	W	53	50	53	49	54	50	54	51	0.1	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0007	Residential	Ground	N	53	50	53	49	54	50	54	51	0.1	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0007	Residential	Ground	W	55	52	56	52	56	52	57	53	1	0.1	1.4	1	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0007	Residential	Ground	W	55	52	56	52	56	52	57	53	1.1	0.2	1.4	1.1	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0007	Residential	Ground	S	54	50	55	51	54	51	56	52	1.3	0.4	1.7	1.3	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0007	Residential	Ground	W	54	51	55	51	55	51	56	52	1.3	0.3	1.6	1.2	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0007	Residential	Ground	S	54	50	55	51	54	51	56	52	1.4	0.5	1.7	1.3	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0007	Residential	Ground	E	46	42	47	42	47	43	48	44	0.7	-0.1	1	0.8	59	54	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0007	Residential	Ground	E	46	42	47	42	47	43	47	44	0.6	-0.2	0.9	0.7	59	54	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0007	Residential	Ground	S	47	44	48	44	48	44	49	45	0.8	-0.1	1.1	0.9	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0007	Residential	Ground	W	49	45	52	47	49	46	52	48	2.9	2.2	3.2	2.8	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0007	Residential	Ground	S	53	50	55	50	54	50	55	52	1.4	0.6	1.7	1.4	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0007	Residential	Ground	E	46	42	46	42	46	43	47	44	0.6	-0.2	1	0.8	58	54	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0007	Residential	Ground	E	46	42	46	42	46	43	47	44	0.6	-0.3	1	0.7	58	54	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0007	Residential	Ground	E	46	43	47	42	47	43	48	44	0.6	-0.2	0.9	0.7	59	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0007	Residential	Ground	E	50	46	50	46	50	47	51	47	0.2	-0.6	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0007	Residential	Ground	N	53	49	53	48	53	50	54	50	0.1	-0.8	0.5	0.2	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0007	Residential	Ground	N	51	48	51	47	52	48	52	49	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0007	Residential	Ground	N	51	48	51	47	52	48	52	49	0.1	-0.8	0.6	0.3	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0008	Residential	Ground	W	53	49	53	48	53	50	54	50	0.6	-0.7	0.9	0.4	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0008	Residential	Ground	N	49	46	51	47	50	46	52	48	2	1	2.3	1.8	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0008	Residential	Ground	W	55	52	57	53	56	52	58	54	2.1	1	2.5	1.8	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0008	Residential	Ground	S	56	53	58	54	57	53	59	55	2.1	1.1	2.4	1.9	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0008	Residential	Ground	E	59	56	62	57	60	56	63	58	2.6	1.5	2.9	2.3	60	55	NO	NO	NO	NO	YES
NCA13	NCA13.RES.0008	Residential	Ground	S	59	56	62	57	60	56	62	58	2.7	1.6	2.9	2.4	60	55	NO	NO	NO	NO	YES
NCA13	NCA13.RES.0008	Residential	Ground	E	59	55	62	57	59	56	63	58	2.8	1.7	3.1	2.5	60	55	NO	NO	NO	NO	YES
NCA13	NCA13.RES.0008	Residential	Ground	S	59	56	62	57	60	56	63	59	2.8	1.7	3.1	2.5	60	55	NO	NO	NO	NO	YES

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA13	NCA13.RES.0008	Residential	Ground	E	59	56	62	58	60	56	63	59	2.8	1.8	3.1	2.5	60	55	NO	NO	NO	NO	YES
NCA13	NCA13.RES.0008	Residential	Ground	N	56	52	57	53	56	53	58	54	1.7	0.6	2	1.5	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0008	Residential	Ground	E	57	54	59	55	58	54	60	56	2.1	1	2.4	1.9	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0008	Residential	Ground	N	55	52	57	52	56	52	58	54	1.4	0.4	1.8	1.3	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0008	Residential	Ground	E	56	52	57	53	56	53	58	54	1.4	0.4	1.8	1.3	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0008	Residential	Ground	N	56	52	57	53	56	53	58	54	1.5	0.5	1.9	1.4	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0009	Residential	Ground	N	56	52	56	51	56	53	57	53	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0009	Residential	Ground	W	57	54	58	53	58	54	59	55	0.8	-0.1	1.1	0.9	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0009	Residential	Ground	S	54	50	56	51	54	51	56	53	1.8	1	2.1	1.8	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0009	Residential	Ground	W	56	52	57	52	56	53	58	54	1.1	0.2	1.4	1.1	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0009	Residential	Ground	S	56	52	57	52	56	53	58	54	1.2	0.2	1.5	1.1	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0009	Residential	Ground	E	48	44	48	44	48	45	49	45	0.6	-0.2	0.9	0.7	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0009	Residential	Ground	S	50	46	52	47	50	47	53	49	2	1.2	2.3	1.9	60	55	NO	NO	NO	NO	NO
NCA13	NCA13.RES.0009	Residential	Ground	E	48	44	48	44	48	45	49	45	0.6	-0.2	1	0.7	60	55	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0050	Residential	Ground	NW	49	45	51	47	50	45	52	48	2.1	2	2.3	2.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0050	Residential	Ground	SW	54	50	55	50	55	50	56	51	0.7	0.6	0.9	0.7	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0050	Residential	Ground	SE	63	58	60	56	63	59	61	56	-2.1	-2.6	-2.1	-2.5	55	50	YES	YES	NO	NO	YES
NCA14A	NCA14A.RES.0050	Residential	Ground	NE	60	55	58	53	60	56	58	54	-1.8	-2.3	-1.9	-2.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0051	Residential	Ground	NE	52	47	52	47	52	48	53	48	0.3	0.1	0.4	0.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0051	Residential	Ground	NW	49	44	51	46	49	45	52	47	2.3	2.2	2.5	2.4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0051	Residential	Ground	SW	54	50	55	51	54	50	56	51	1.3	1.1	1.5	1.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0051	Residential	Ground	SE	55	51	56	51	56	51	56	52	0.5	0.3	0.7	0.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0052	Residential	Ground	W	51	47	54	49	52	47	54	50	2.5	2.3	2.7	2.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0052	Residential	Ground	S	59	55	59	54	59	55	59	55	-0.4	-0.7	-0.3	-0.6	55	50	NO	YES	NO	NO	YES
NCA14A	NCA14A.RES.0052	Residential	Ground	E	55	51	55	50	55	51	55	51	-0.2	-0.5	0	-0.4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0052	Residential	Ground	N	53	48	53	48	53	49	53	49	-0.2	-0.5	-0.1	-0.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0053	Residential	Ground	NW	51	46	52	47	51	47	52	48	0.9	0.7	1.1	0.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0053	Residential	Ground	SW	60	56	59	54	61	56	59	55	-1.5	-2	-1.5	-1.8	55	50	NO	YES	NO	NO	YES
NCA14A	NCA14A.RES.0053	Residential	Ground	SE	62	57	60	55	62	58	60	55	-2	-2.4	-1.9	-2.4	55	50	YES	YES	NO	NO	YES
NCA14A	NCA14A.RES.0053	Residential	Ground	SW	59	54	58	53	59	55	58	54	-1.1	-1.4	-1.1	-1.4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0053	Residential	Ground	SE	61	57	59	54	62	57	60	55	-2	-2.5	-2	-2.4	55	50	YES	YES	NO	NO	YES
NCA14A	NCA14A.RES.0053	Residential	Ground	NE	57	53	55	50	57	53	55	50	-2.2	-2.7	-2.1	-2.6	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0053	Residential	Ground	NW	51	47	51	46	51	47	51	47	-0.1	-0.5	-0.1	-0.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0053	Residential	Ground	NE	54	50	53	48	55	50	53	49	-1.4	-1.9	-1.4	-1.8	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0054	Residential	Ground	N	55	50	55	51	55	51	56	51	0.4	0.3	0.5	0.4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0054	Residential	Ground	W	51	47	54	50	52	47	55	51	3.2	3	3.3	3.2	55	50	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0054	Residential	Ground	S	58	53	57	53	58	54	58	53	-0.1	-0.4	0	-0.3	55	50	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14A	NCA14A.RES.0054	Residential	Ground	E	59	55	58	54	59	55	59	54	-0.4	-0.8	-0.3	-0.6	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0055	Residential	Ground	W	55	51	59	54	56	52	59	55	3.2	3	3.3	3.1	58	53	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0055	Residential	Ground	S	56	52	59	55	56	52	60	55	3.2	3	3.3	3.1	58	53	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0055	Residential	Ground	W	55	51	58	54	55	51	59	55	3.2	3.1	3.5	3.2	58	53	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0055	Residential	Ground	S	63	58	65	60	63	59	65	61	2	1.8	2.2	1.9	58	53	YES	YES	NO	NO	YES
NCA14A	NCA14A.RES.0055	Residential	Ground	E	65	60	65	61	65	61	66	61	0.5	0.4	0.7	0.3	58	53	YES	YES	NO	NO	YES
NCA14A	NCA14A.RES.0055	Residential	Ground	N	62	58	62	57	63	58	62	58	-0.3	-0.6	-0.3	-0.6	58	53	NO	YES	NO	NO	YES
NCA14A	NCA14A.RES.0055	Residential	Ground	E	64	59	64	59	64	60	64	60	0.2	0	0.3	0	58	53	YES	YES	NO	NO	YES
NCA14A	NCA14A.RES.0055	Residential	Ground	N	60	56	59	55	60	56	60	55	-0.7	-1.1	-0.6	-1	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0056	Residential	Ground	W	52	48	56	51	52	48	56	52	3.7	3.7	3.9	3.7	59	54	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0056	Residential	Ground	S	61	57	64	60	61	57	65	61	3.3	3.1	3.6	3.3	59	54	YES	YES	NO	YES	YES
NCA14A	NCA14A.RES.0056	Residential	Ground	E	63	59	65	61	63	59	66	61	2.1	2	2.3	2	59	54	YES	YES	YES	YES	YES
NCA14A	NCA14A.RES.0056	Residential	Ground	N	59	55	61	56	59	55	61	57	1.6	1.4	1.8	1.4	59	54	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0057	Residential	Ground	W	54	50	58	54	55	51	59	55	3.9	3.8	4.2	4	60	55	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0057	Residential	Ground	S	62	58	66	61	62	58	66	62	3.7	3.5	3.9	3.6	60	55	YES	YES	YES	YES	YES
NCA14A	NCA14A.RES.0057	Residential	Ground	E	64	60	67	63	65	61	68	63	2.7	2.5	2.9	2.6	60	55	YES	YES	YES	YES	YES
NCA14A	NCA14A.RES.0057	Residential	Ground	N	61	57	63	58	61	57	63	59	1.8	1.7	2.1	1.7	60	55	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0057	Residential	Ground	E	60	55	63	59	60	56	64	59	3.4	3.2	3.5	3.3	60	55	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0057	Residential	Ground	S	60	56	64	59	61	57	64	60	3.6	3.4	3.8	3.5	60	55	NO	YES	NO	NO	YES
NCA14A	NCA14A.RES.0057	Residential	Ground	E	63	59	66	62	64	60	67	62	2.6	2.4	2.7	2.5	60	55	YES	YES	YES	YES	YES
NCA14A	NCA14A.RES.0057	Residential	Ground	N	60	56	62	57	60	56	62	58	1.5	1.3	1.7	1.4	60	55	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0058	Residential	Ground	NE	63	59	66	61	63	59	66	62	3	2.9	3.2	2.9	60	55	YES	YES	YES	YES	YES
NCA14A	NCA14A.RES.0058	Residential	Ground	NW	55	51	57	52	56	51	57	53	1.6	1.4	1.8	1.5	60	55	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0058	Residential	Ground	SW	63	58	66	62	63	59	67	62	3.5	3.3	3.7	3.5	60	55	YES	YES	YES	YES	YES
NCA14A	NCA14A.RES.0058	Residential	Ground	SE	65	61	68	64	66	62	69	65	3	2.9	3.3	3	60	55	YES	YES	YES	YES	YES
NCA14A	NCA14A.RES.0059	Residential	Ground	W	52	48	57	52	52	48	57	53	4.8	4.7	5	4.9	60	55	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0059	Residential	Ground	S	59	55	64	59	59	55	64	60	4.6	4.5	4.8	4.7	60	55	NO	YES	NO	NO	YES
NCA14A	NCA14A.RES.0059	Residential	Ground	E	60	56	65	60	61	57	65	61	4.2	4	4.4	4.2	60	55	YES	YES	NO	YES	YES
NCA14A	NCA14A.RES.0059	Residential	Ground	N	56	51	59	55	56	52	60	55	3.3	3.1	3.4	3.2	60	55	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0060	Residential	Ground	NE	63	59	66	62	64	59	67	62	3.1	2.9	3.3	3	60	55	YES	YES	YES	YES	YES
NCA14A	NCA14A.RES.0060	Residential	Ground	NW	54	49	56	52	54	50	57	53	2.6	2.5	2.9	2.6	60	55	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0060	Residential	Ground	SW	63	59	66	62	63	59	67	62	3.3	3.2	3.5	3.2	60	55	YES	YES	YES	YES	YES
NCA14A	NCA14A.RES.0060	Residential	Ground	SE	66	62	69	65	66	62	70	65	3	2.8	3.2	2.9	60	55	YES	YES	YES	YES	YES
NCA14A	NCA14A.RES.0061	Residential	Ground	NE	63	59	66	62	63	59	67	63	3.5	3.3	3.6	3.4	60	55	YES	YES	YES	YES	YES
NCA14A	NCA14A.RES.0061	Residential	Ground	NE	57	53	61	57	58	53	62	58	4	4	4.3	4.1	60	55	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0061	Residential	Ground	NE	60	56	64	60	61	57	65	61	4.1	4.1	4.4	4.1	60	55	YES	YES	NO	YES	YES
NCA14A	NCA14A.RES.0061	Residential	Ground	NW	54	49	56	52	54	50	57	53	2.6	2.5	2.8	2.6	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14A	NCA14A.RES.0061	Residential	Ground	SW	63	58	66	62	63	59	67	62	3.3	3.1	3.5	3.2	60	55	YES	YES	YES	YES	YES
NCA14A	NCA14A.RES.0061	Residential	Ground	SE	66	62	69	65	67	63	70	66	3	2.8	3.2	3	60	55	YES	YES	YES	YES	YES
NCA14A	NCA14A.RES.0062	Residential	Ground	W	56	52	60	56	57	52	61	56	3.8	3.6	4.1	3.8	60	55	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0062	Residential	Ground	S	55	50	59	55	55	51	60	55	4.4	4.3	4.6	4.5	60	55	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0062	Residential	Ground	NW	52	48	56	52	53	48	57	52	4	4	4.3	4.1	60	55	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0062	Residential	Ground	N	54	49	58	53	54	50	58	54	4	4	4.2	4	60	55	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0062	Residential	Ground	W	57	52	61	56	57	53	61	57	4.1	3.9	4.3	4.1	60	55	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0062	Residential	Ground	S	62	57	65	61	62	58	66	62	3.6	3.4	3.8	3.6	60	55	YES	YES	YES	YES	YES
NCA14A	NCA14A.RES.0062	Residential	Ground	W	59	55	63	58	59	55	63	59	3.7	3.6	3.9	3.7	60	55	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0062	Residential	Ground	S	64	60	67	63	65	61	68	64	3	2.9	3.2	2.9	60	55	YES	YES	YES	YES	YES
NCA14A	NCA14A.RES.0062	Residential	Ground	SE	66	62	69	65	67	63	70	65	3	2.8	3.2	2.9	60	55	YES	YES	YES	YES	YES
NCA14A	NCA14A.RES.0062	Residential	Ground	S	65	61	68	64	66	61	69	64	2.8	2.7	3	2.7	60	55	YES	YES	YES	YES	YES
NCA14A	NCA14A.RES.0062	Residential	Ground	E	66	62	69	65	67	63	70	66	2.9	2.8	3.1	2.8	60	55	YES	YES	YES	YES	YES
NCA14A	NCA14A.RES.0062	Residential	Ground	N	63	59	66	62	63	59	67	63	3.5	3.5	3.8	3.5	60	55	YES	YES	YES	YES	YES
NCA14A	NCA14A.RES.0062	Residential	Ground	SE	64	60	68	63	64	60	68	64	3.5	3.4	3.7	3.5	60	55	YES	YES	YES	YES	YES
NCA14A	NCA14A.RES.0062	Residential	Ground	NE	59	55	63	59	60	56	64	59	3.8	3.8	4.1	3.9	60	55	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0131	Residential	Ground	N	59	55	60	56	60	56	61	56	0.6	0.5	0.8	0.4	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0131	Residential	Ground	W	51	46	53	49	51	47	54	50	2.9	2.7	3	2.9	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0131	Residential	Ground	N	51	46	53	49	51	47	54	50	2.6	2.4	2.8	2.6	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0131	Residential	Ground	W	52	48	56	51	53	48	56	52	3.5	3.4	3.7	3.5	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0131	Residential	Ground	S	58	54	62	57	59	55	62	58	3.3	3.2	3.6	3.3	58	53	NO	YES	NO	NO	YES
NCA14A	NCA14A.RES.0131	Residential	Ground	W	57	52	60	56	57	53	61	56	3.4	3.3	3.7	3.5	58	53	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0131	Residential	Ground	S	62	57	64	60	62	58	65	61	2.8	2.7	3	2.8	58	53	YES	YES	NO	YES	YES
NCA14A	NCA14A.RES.0131	Residential	Ground	E	62	58	65	61	63	59	66	61	2.6	2.4	2.7	2.5	58	53	YES	YES	NO	YES	YES
NCA14A	NCA14A.RES.0131	Residential	Ground	S	63	58	65	61	63	59	66	61	2.4	2.3	2.6	2.3	58	53	YES	YES	NO	YES	YES
NCA14A	NCA14A.RES.0131	Residential	Ground	E	64	60	65	61	64	60	66	61	1.4	1.2	1.6	1.3	58	53	YES	YES	NO	YES	YES
NCA14A	NCA14A.RES.0131	Residential	Ground	N	61	57	62	57	62	58	62	58	0.6	0.5	0.8	0.4	58	53	NO	YES	NO	NO	YES
NCA14A	NCA14A.RES.0131	Residential	Ground	E	61	57	62	58	62	58	63	58	0.7	0.4	0.8	0.5	58	53	YES	YES	NO	NO	YES
NCA14A	NCA14A.RES.0132	Residential	Ground	W	52	47	56	51	52	48	56	52	4.2	4.1	4.4	4.2	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0132	Residential	Ground	S	57	53	60	56	57	53	61	57	3.3	3.3	3.6	3.3	58	53	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0132	Residential	Ground	E	57	53	60	56	58	54	61	57	3	2.8	3.1	3	58	53	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0132	Residential	Ground	N	53	48	55	50	53	49	55	51	1.9	1.8	2	1.8	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0133	Residential	Ground	W	51	46	55	51	51	47	56	52	4.5	4.5	4.8	4.6	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0133	Residential	Ground	S	55	51	58	54	56	51	59	54	3.1	2.9	3.3	3.1	58	53	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0133	Residential	Ground	E	55	50	58	54	55	51	59	54	3.4	3.3	3.6	3.4	58	53	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0133	Residential	Ground	N	50	46	53	48	51	47	53	49	2.2	2.1	2.5	2.2	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0134	Residential	Ground	W	49	45	54	49	50	46	54	50	4.3	4.2	4.6	4.4	58	53	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA14A	NCA14A.RES.0134	Residential	Ground	S	50	46	53	49	51	47	54	49	2.6	2.5	2.8	2.6	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0134	Residential	Ground	E	54	50	57	53	55	51	58	53	2.5	2.4	2.7	2.5	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0134	Residential	Ground	N	53	48	53	49	53	49	54	50	0.7	0.5	0.8	0.5	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0135	Residential	Ground	W	51	47	55	51	52	47	56	52	4.1	4	4.2	4.1	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0135	Residential	Ground	S	56	52	58	54	56	52	59	54	2	1.9	2.2	2	58	53	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0135	Residential	Ground	E	53	49	57	52	53	49	57	53	3.6	3.5	3.8	3.5	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0135	Residential	Ground	N	53	49	54	49	54	49	54	50	0.7	0.5	0.8	0.5	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0136	Residential	Ground	W	52	48	56	52	52	48	57	52	4.2	4.1	4.4	4.2	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0136	Residential	Ground	S	58	54	61	57	59	55	62	57	2.6	2.6	2.9	2.6	58	53	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0136	Residential	Ground	E	57	53	60	56	58	53	61	56	3	3	3.3	3	58	53	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0136	Residential	Ground	N	54	49	54	50	54	50	55	51	0.9	0.7	1	0.7	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0137	Residential	Ground	W	52	47	56	51	52	48	56	52	3.9	3.8	4.2	3.9	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0137	Residential	Ground	S	57	53	59	54	58	54	60	55	1.6	1.3	1.8	1.4	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0137	Residential	Ground	E	59	55	60	56	59	55	61	57	1.7	1.5	1.8	1.6	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0137	Residential	Ground	N	55	51	55	51	55	51	56	51	0	-0.2	0.2	-0.1	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0138	Residential	Ground	W	53	48	57	52	53	49	57	53	4	4	4.3	4.1	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0138	Residential	Ground	S	59	55	61	57	59	55	62	57	2.4	2.2	2.6	2.3	58	53	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0138	Residential	Ground	E	59	55	61	57	60	56	62	57	1.7	1.6	1.9	1.7	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0138	Residential	Ground	N	56	52	56	52	57	53	57	52	0.1	-0.1	0.3	-0.2	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0139	Residential	Ground	W	51	46	54	50	51	47	55	51	3.8	3.7	4.1	3.9	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0139	Residential	Ground	S	58	53	60	55	58	54	60	56	2.1	2	2.3	2	58	53	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0139	Residential	Ground	E	50	46	54	50	51	47	55	50	3.6	3.5	3.8	3.6	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0139	Residential	Ground	N	51	47	53	48	52	48	54	49	1.6	1.4	1.9	1.6	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0140	Residential	Ground	W	51	46	54	50	51	47	55	50	3.5	3.5	3.8	3.6	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0140	Residential	Ground	S	58	54	61	56	59	55	61	57	2.2	2	2.3	2.1	57	52	NO	YES	NO	NO	YES
NCA14A	NCA14A.RES.0140	Residential	Ground	E	54	50	57	53	54	50	58	54	3.3	3.3	3.6	3.4	57	52	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0140	Residential	Ground	N	52	48	53	49	52	48	54	49	1.4	1.2	1.5	1.2	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0141	Residential	Ground	W	52	48	56	52	53	49	57	52	3.8	3.6	4	3.8	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0141	Residential	Ground	S	59	55	61	57	59	55	62	57	1.9	1.8	2.1	1.8	57	52	YES	YES	NO	NO	YES
NCA14A	NCA14A.RES.0141	Residential	Ground	E	58	54	60	56	58	54	61	56	2.1	2	2.3	2.1	57	52	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0141	Residential	Ground	N	53	49	54	50	53	49	55	51	1.5	1.3	1.8	1.5	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0142	Residential	Ground	W	53	48	56	52	53	49	57	53	3.8	3.6	3.9	3.7	57	52	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0142	Residential	Ground	S	60	55	61	57	60	56	62	57	1.7	1.5	1.8	1.6	57	52	YES	YES	NO	NO	YES
NCA14A	NCA14A.RES.0142	Residential	Ground	E	57	53	59	55	58	54	60	56	2.1	2	2.4	2	57	52	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0142	Residential	Ground	N	52	48	54	49	53	49	54	50	1.2	1	1.4	1.1	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0143	Residential	Ground	W	53	49	57	52	53	49	57	53	3.7	3.6	4	3.8	57	52	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0143	Residential	Ground	S	60	56	61	57	61	56	62	58	1.3	1.2	1.5	1.2	57	52	YES	YES	NO	NO	YES

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14A	NCA14A.RES.0143	Residential	Ground	E	55	51	58	53	56	52	58	54	2.3	2.2	2.5	2.2	57	52	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0143	Residential	Ground	N	52	48	53	49	53	49	54	50	1	0.8	1.2	0.9	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0144	Residential	Ground	W	54	50	57	53	54	50	58	53	3.2	3	3.3	3.1	57	52	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0144	Residential	Ground	S	61	56	62	57	61	57	62	58	1.2	1	1.4	1	57	52	YES	YES	NO	NO	YES
NCA14A	NCA14A.RES.0144	Residential	Ground	E	56	52	58	54	56	52	59	54	2.2	2	2.3	2.1	57	52	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0144	Residential	Ground	N	52	48	53	49	53	48	54	50	1.2	1	1.3	1.1	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0145	Residential	Ground	W	54	50	56	52	54	50	57	53	2.6	2.5	2.9	2.6	57	52	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0145	Residential	Ground	S	61	57	62	58	61	57	63	58	1.1	0.8	1.2	0.9	57	52	YES	YES	NO	NO	YES
NCA14A	NCA14A.RES.0145	Residential	Ground	E	56	52	58	54	57	52	59	54	2	1.9	2.2	2	57	52	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0145	Residential	Ground	N	53	49	54	49	53	49	54	50	0.8	0.7	1	0.7	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0146	Residential	Ground	W	55	50	57	53	55	51	58	54	2.7	2.6	2.9	2.7	57	52	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0146	Residential	Ground	S	62	58	63	58	62	58	63	59	0.6	0.4	0.8	0.4	57	52	YES	YES	NO	NO	YES
NCA14A	NCA14A.RES.0146	Residential	Ground	E	58	53	59	55	58	54	60	55	1.7	1.5	1.8	1.5	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0146	Residential	Ground	N	53	48	54	49	53	49	54	50	1	0.8	1.1	0.9	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0147	Residential	Ground	W	55	51	58	53	56	52	58	54	2.3	2.2	2.6	2.2	57	52	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0147	Residential	Ground	S	63	58	63	59	63	59	64	59	0.5	0.2	0.5	0.3	57	52	YES	YES	NO	NO	YES
NCA14A	NCA14A.RES.0147	Residential	Ground	E	63	58	63	58	63	59	63	59	0.1	-0.1	0.3	-0.2	57	52	YES	YES	NO	NO	YES
NCA14A	NCA14A.RES.0147	Residential	Ground	N	53	48	53	49	53	49	54	49	0.8	0.6	1	0.7	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0148	Residential	Ground	W	51	47	53	49	52	48	54	50	2	1.9	2.2	2	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0148	Residential	Ground	S	55	50	54	50	55	51	55	50	-0.5	-0.8	-0.3	-0.7	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0148	Residential	Ground	E	61	56	61	57	61	57	62	57	0.6	0.4	0.8	0.4	56	51	YES	YES	NO	NO	YES
NCA14A	NCA14A.RES.0148	Residential	Ground	N	54	50	54	50	55	50	55	50	0.1	-0.1	0.3	0	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0149	Residential	Ground	W	51	47	53	49	52	48	54	50	2.1	2.1	2.3	2.1	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0149	Residential	Ground	S	55	51	57	52	56	51	58	53	1.8	1.5	1.9	1.7	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0149	Residential	Ground	E	52	48	54	50	53	48	55	50	1.8	1.7	2.1	1.8	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0149	Residential	Ground	N	54	50	54	50	54	50	55	50	0.4	0.1	0.5	0.2	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0150	Residential	Ground	W	53	49	56	51	53	49	56	52	2.5	2.4	2.8	2.5	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0150	Residential	Ground	S	53	49	55	50	54	50	55	51	1.5	1.3	1.6	1.3	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0150	Residential	Ground	E	51	47	53	49	52	47	54	49	2.1	2.1	2.4	2.1	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0150	Residential	Ground	N	54	50	54	50	54	50	55	50	0.4	0.1	0.5	0.1	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0151	Residential	Ground	W	52	48	55	50	53	48	55	51	2.7	2.6	2.9	2.7	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0151	Residential	Ground	S	53	48	54	49	53	49	54	50	1.1	1	1.4	1.1	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0151	Residential	Ground	E	54	50	56	52	55	50	57	52	1.9	1.7	2.1	1.9	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0151	Residential	Ground	N	54	50	54	50	54	50	55	50	0.4	0.2	0.6	0.3	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0152	Residential	Ground	W	52	48	55	50	52	48	55	51	2.9	2.8	3	2.8	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0152	Residential	Ground	S	54	49	56	51	54	50	57	52	2.1	2	2.3	2	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0152	Residential	Ground	E	54	50	56	51	55	50	57	52	1.9	1.7	2	1.8	57	52	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14A	NCA14A.RES.0152	Residential	Ground	N	54	49	54	50	54	50	55	50	0.5	0.3	0.7	0.4	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0153	Residential	Ground	W	52	48	55	51	52	48	56	52	3.4	3.3	3.6	3.4	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0153	Residential	Ground	S	52	48	53	49	53	48	54	50	1.2	1.1	1.5	1.2	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0153	Residential	Ground	E	53	49	55	51	54	49	56	52	2.2	2	2.4	2.1	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0153	Residential	Ground	N	53	49	54	50	54	49	55	50	0.9	0.7	1	0.7	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0154	Residential	Ground	W	51	47	55	51	52	48	56	52	3.8	3.7	4	3.8	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0154	Residential	Ground	S	53	48	54	50	53	49	55	50	1.7	1.6	1.9	1.6	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0154	Residential	Ground	E	54	50	57	52	55	50	57	53	2.4	2.2	2.5	2.3	57	52	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0154	Residential	Ground	N	53	49	54	50	54	49	55	50	1	0.7	1.1	0.9	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0155	Residential	Ground	W	52	48	56	52	53	49	57	52	3.5	3.4	3.8	3.6	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0155	Residential	Ground	S	55	50	58	53	55	51	58	54	3.2	3	3.4	3.2	57	52	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0155	Residential	Ground	E	52	48	55	51	53	48	56	51	3.1	3	3.3	3.1	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0155	Residential	Ground	N	53	49	54	49	53	49	54	50	0.9	0.7	1	0.8	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0156	Residential	Ground	W	51	46	54	50	51	47	55	51	3.6	3.5	3.8	3.6	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0156	Residential	Ground	S	56	52	58	54	56	52	59	54	2.3	2.2	2.5	2.2	57	52	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0156	Residential	Ground	E	55	50	58	53	55	51	58	54	2.9	2.8	3.1	2.9	57	52	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0156	Residential	Ground	N	53	48	54	49	53	49	55	50	1.1	0.9	1.3	1	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0157	Residential	Ground	S	52	48	54	50	52	48	55	50	2.1	2.1	2.4	2.2	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0157	Residential	Ground	E	54	49	56	52	54	50	57	52	2.6	2.4	2.7	2.5	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0157	Residential	Ground	N	52	48	53	49	53	48	54	49	1.2	0.9	1.3	1.1	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0157	Residential	Ground	W	50	46	53	49	50	46	54	50	3.6	3.5	3.9	3.7	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0158	Residential	Ground	W	51	46	54	50	51	47	55	50	3.5	3.4	3.7	3.6	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0158	Residential	Ground	S	55	50	57	53	55	51	58	53	2.6	2.5	2.8	2.6	57	52	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0158	Residential	Ground	E	52	47	55	50	52	48	56	51	3.1	3	3.4	3.2	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0158	Residential	Ground	N	53	49	54	49	53	49	54	50	0.8	0.5	0.9	0.6	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0159	Residential	Ground	N	52	48	53	49	53	48	54	49	1.1	0.8	1.2	1	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0159	Residential	Ground	W	51	47	54	50	51	47	55	51	3.4	3.3	3.5	3.4	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0159	Residential	Ground	S	54	50	57	52	55	50	57	53	2.5	2.4	2.6	2.4	57	52	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0159	Residential	Ground	E	52	48	55	51	52	48	56	51	2.9	3	3.2	3	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0160	Residential	Ground	W	51	47	54	50	52	47	55	51	3.3	3.2	3.4	3.3	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0160	Residential	Ground	S	55	50	57	53	55	51	58	53	2.3	2.2	2.4	2.2	57	52	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0160	Residential	Ground	E	54	50	57	52	55	50	57	53	2.4	2.3	2.5	2.3	57	52	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0160	Residential	Ground	N	53	49	54	49	53	49	54	50	0.8	0.5	1	0.7	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0161	Residential	Ground	W	51	47	54	50	52	48	55	51	3	2.9	3.2	2.9	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0161	Residential	Ground	S	55	50	56	52	55	51	57	53	1.8	1.7	2	1.8	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0161	Residential	Ground	E	54	50	57	52	55	51	57	53	2.2	2.1	2.4	2.1	57	52	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0161	Residential	Ground	N	53	49	54	49	54	49	54	50	0.7	0.4	0.9	0.6	57	52	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA14A	NCA14A.RES.0162	Residential	Ground	W	52	47	55	50	52	48	55	51	2.9	2.8	3.1	2.9	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0162	Residential	Ground	S	55	51	57	53	56	52	58	53	1.8	1.7	1.9	1.7	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0162	Residential	Ground	E	56	51	57	53	56	52	58	53	1.5	1.3	1.7	1.4	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0162	Residential	Ground	N	53	49	54	49	54	50	55	50	0.6	0.4	0.8	0.5	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0163	Residential	Ground	W	52	48	54	50	52	48	55	51	2.6	2.5	2.9	2.7	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0163	Residential	Ground	S	55	51	57	52	56	51	57	53	1.5	1.3	1.7	1.5	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0163	Residential	Ground	E	55	51	56	52	56	51	57	52	1.1	1	1.4	1.1	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0163	Residential	Ground	N	55	51	55	50	56	51	55	51	-0.3	-0.6	-0.3	-0.6	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0164	Residential	Ground	W	52	48	55	50	53	48	55	51	2.4	2.3	2.7	2.4	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0164	Residential	Ground	S	57	53	58	54	58	54	59	55	1	0.8	1.2	0.8	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0164	Residential	Ground	E	57	53	58	54	58	53	59	55	1.3	1.2	1.6	1.2	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0164	Residential	Ground	N	54	50	54	50	55	51	55	50	0	-0.3	0.1	-0.2	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0165	Residential	Ground	NW	49	45	53	48	50	46	54	49	3.4	3.4	3.7	3.6	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0165	Residential	Ground	S	54	50	57	52	54	50	57	53	2.6	2.5	2.8	2.5	57	52	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0165	Residential	Ground	E	53	48	56	51	53	49	56	52	3	2.9	3.2	3	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0165	Residential	Ground	N	52	48	53	49	53	48	54	49	1.1	0.9	1.3	1	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0166	Residential	Ground	W	51	47	54	50	52	47	55	50	3.1	3	3.3	3.1	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0166	Residential	Ground	S	55	50	57	52	55	51	57	53	2	1.8	2.2	1.9	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0166	Residential	Ground	E	55	51	57	52	56	51	57	53	1.8	1.6	1.9	1.7	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0166	Residential	Ground	N	53	49	54	49	54	49	54	50	0.7	0.5	0.8	0.6	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0167	Residential	Ground	W	50	46	53	49	50	46	54	50	3.5	3.5	3.8	3.6	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0167	Residential	Ground	S	53	49	56	52	53	49	57	52	3.2	3.1	3.3	3.2	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0167	Residential	Ground	E	50	45	53	49	50	46	54	49	3.2	3.1	3.4	3.2	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0167	Residential	Ground	N	52	48	53	49	53	48	54	49	1.1	0.8	1.2	1	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0168	Residential	Ground	W	50	46	53	49	50	46	54	49	3.3	3.1	3.4	3.3	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0168	Residential	Ground	S	54	50	56	51	54	50	57	52	2	1.8	2.2	1.9	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0168	Residential	Ground	E	54	50	56	52	54	50	57	52	2.4	2.3	2.7	2.4	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0168	Residential	Ground	N	51	47	53	48	52	48	53	49	1.3	1	1.4	1.2	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0169	Residential	Ground	W	50	46	53	49	51	46	54	50	3.2	3.2	3.5	3.3	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0169	Residential	Ground	S	54	50	57	52	55	51	57	53	2.4	2.2	2.5	2.3	57	52	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0169	Residential	Ground	E	55	50	57	53	55	51	58	53	2.2	2.1	2.4	2.2	57	52	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0169	Residential	Ground	N	53	48	54	49	53	49	54	50	1.1	0.9	1.2	0.9	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0170	Residential	Ground	W	50	46	53	49	50	46	54	49	3.3	3.1	3.4	3.3	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0170	Residential	Ground	S	53	49	56	52	54	50	57	52	2.6	2.5	2.9	2.6	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0170	Residential	Ground	E	53	49	56	51	54	50	56	52	2.4	2.4	2.7	2.4	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0170	Residential	Ground	N	52	48	53	49	53	48	54	49	1	0.8	1.3	0.9	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0171	Residential	Ground	W	50	46	53	49	51	46	54	50	3.2	3.1	3.4	3.3	57	52	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14A	NCA14A.RES.0171	Residential	Ground	S	54	50	57	52	55	51	57	53	2.5	2.3	2.7	2.5	57	52	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0171	Residential	Ground	E	53	49	56	52	54	50	57	52	2.7	2.6	2.8	2.6	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0171	Residential	Ground	N	52	48	53	49	53	49	54	49	1	0.8	1.1	0.9	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0172	Residential	Ground	W	51	47	54	50	51	47	55	50	3.2	3.1	3.5	3.3	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0172	Residential	Ground	S	55	50	57	52	55	51	57	53	2.2	2	2.3	2.1	57	52	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0172	Residential	Ground	E	55	51	57	52	55	51	57	53	1.8	1.8	2	1.8	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0172	Residential	Ground	N	53	48	53	49	53	49	54	50	0.8	0.6	1	0.7	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0173	Residential	Ground	W	51	47	54	49	51	47	54	50	2.6	2.6	2.9	2.7	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0173	Residential	Ground	S	55	51	57	52	56	51	57	53	1.4	1.3	1.6	1.4	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0173	Residential	Ground	E	57	53	58	53	57	53	59	54	0.9	0.8	1.2	0.9	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0173	Residential	Ground	N	55	50	54	50	55	51	55	50	-0.2	-0.6	-0.1	-0.4	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0174	Residential	Ground	W	52	47	55	51	52	48	56	51	3.3	3.2	3.4	3.3	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0174	Residential	Ground	S	54	50	56	52	55	50	57	52	1.7	1.6	1.9	1.7	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0174	Residential	Ground	E	52	48	54	50	53	48	55	51	2.3	2.2	2.5	2.3	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0174	Residential	Ground	N	52	48	53	48	53	48	53	49	0.6	0.4	0.7	0.5	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0175	Residential	Ground	SW	61	57	62	57	61	57	63	58	0.9	0.7	1.1	0.7	56	51	YES	YES	NO	NO	YES
NCA14A	NCA14A.RES.0175	Residential	Ground	SE	62	58	63	58	63	58	63	59	0.4	0.3	0.6	0.2	56	51	YES	YES	NO	NO	YES
NCA14A	NCA14A.RES.0175	Residential	Ground	NE	54	49	55	50	54	50	55	51	1.2	1	1.4	1.1	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0175	Residential	Ground	NW	52	48	53	48	52	48	54	49	1.1	0.8	1.3	1	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0176	Residential	Ground	SW	53	48	54	49	53	49	54	50	1.2	1	1.4	1.1	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0176	Residential	Ground	SE	60	55	60	56	60	56	61	56	0.6	0.4	0.8	0.4	56	51	YES	YES	NO	NO	YES
NCA14A	NCA14A.RES.0176	Residential	Ground	NW	52	48	53	48	52	48	54	49	1	0.8	1.2	0.9	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0177	Residential	Ground	SE	58	54	59	54	58	54	59	55	0.9	0.7	1	0.8	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0177	Residential	Ground	NW	52	48	53	48	52	48	53	49	0.9	0.7	1.1	0.8	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0178	Residential	Ground	NW	52	48	53	48	52	48	53	49	0.8	0.6	1	0.7	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0178	Residential	Ground	SE	57	53	58	54	58	53	59	54	1	0.8	1.2	0.9	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0178	Residential	Ground	NE	56	52	56	52	57	53	57	52	0	-0.4	0.1	-0.3	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0179	Residential	Ground	SW	53	49	54	50	53	49	55	50	1.2	1.1	1.4	1.1	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0179	Residential	Ground	SE	58	54	58	53	58	54	58	54	0.2	-0.2	0.2	-0.1	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0179	Residential	Ground	NE	55	51	55	51	56	52	56	51	0.1	-0.2	0.2	-0.2	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0179	Residential	Ground	NW	52	48	53	48	52	48	53	49	0.9	0.6	1	0.8	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0180	Residential	Ground	SW	53	49	54	50	53	49	55	50	1	0.9	1.3	1	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0180	Residential	Ground	SE	57	53	57	53	58	53	58	53	0.3	-0.1	0.3	0	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0180	Residential	Ground	NE	54	50	55	50	55	50	55	51	0.7	0.5	0.9	0.6	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0180	Residential	Ground	NW	52	48	53	48	53	48	53	49	0.8	0.6	0.9	0.7	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0181	Residential	Ground	SW	53	49	54	50	54	49	55	50	1.1	1	1.4	1.1	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0181	Residential	Ground	SE	58	54	58	54	59	55	59	54	-0.1	-0.4	0.1	-0.4	56	51	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14A	NCA14A.RES.0181	Residential	Ground	NE	55	51	55	51	56	52	56	51	0	-0.3	0	-0.3	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0181	Residential	Ground	NW	51	47	53	48	52	48	53	49	1.1	0.9	1.3	1	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0182	Residential	Ground	S	65	61	64	60	65	61	65	60	-0.3	-0.7	-0.2	-0.6	56	51	YES	YES	NO	NO	YES
NCA14A	NCA14A.RES.0182	Residential	Ground	E	66	62	65	60	66	62	65	61	-1.2	-1.5	-1.1	-1.6	56	51	YES	YES	NO	NO	YES
NCA14A	NCA14A.RES.0182	Residential	Ground	N	58	54	57	52	59	55	57	53	-1.6	-2.1	-1.5	-2.1	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0182	Residential	Ground	W	61	56	62	57	61	57	62	58	0.8	0.6	1	0.6	56	51	YES	YES	NO	NO	YES
NCA14A	NCA14A.RES.0183	Residential	Ground	S	63	59	62	57	64	59	62	58	-1.2	-1.6	-1.2	-1.6	56	51	NO	YES	NO	NO	YES
NCA14A	NCA14A.RES.0183	Residential	Ground	E	66	62	65	60	66	62	65	61	-1.3	-1.7	-1.2	-1.7	56	51	YES	YES	NO	NO	YES
NCA14A	NCA14A.RES.0183	Residential	Ground	N	59	54	57	52	59	55	57	53	-1.7	-2.2	-1.7	-2.2	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0183	Residential	Ground	W	53	49	54	50	53	49	55	50	1.4	1.2	1.5	1.2	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0184	Residential	Ground	S	63	59	61	57	63	59	62	57	-1.5	-1.9	-1.4	-1.9	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0184	Residential	Ground	E	66	62	65	60	66	62	65	61	-1.4	-1.8	-1.3	-1.8	56	51	YES	YES	NO	NO	YES
NCA14A	NCA14A.RES.0184	Residential	Ground	N	58	54	57	52	59	55	57	53	-1.5	-2	-1.6	-2	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0184	Residential	Ground	W	53	49	55	50	54	49	55	51	1.6	1.4	1.7	1.5	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0185	Residential	Ground	W	53	49	54	50	53	49	55	50	1.3	1.1	1.5	1.2	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0185	Residential	Ground	S	63	59	61	57	63	59	62	57	-1.7	-2	-1.6	-2.2	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0185	Residential	Ground	E	66	62	65	60	67	62	65	61	-1.4	-1.8	-1.3	-1.9	56	51	YES	YES	NO	NO	YES
NCA14A	NCA14A.RES.0185	Residential	Ground	N	59	54	57	52	59	55	57	53	-1.7	-2.2	-1.6	-2.2	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0186	Residential	Ground	S	62	58	60	55	62	58	60	55	-2.4	-2.9	-2.5	-3	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0186	Residential	Ground	E	66	62	65	60	67	62	65	60	-1.6	-1.9	-1.5	-1.9	56	51	YES	YES	NO	NO	YES
NCA14A	NCA14A.RES.0186	Residential	Ground	N	60	55	58	53	60	56	58	53	-2	-2.4	-1.9	-2.5	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0186	Residential	Ground	W	53	49	55	50	54	50	56	51	1.6	1.5	1.8	1.5	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0187	Residential	Ground	S	63	59	62	57	64	60	62	57	-1.7	-2.1	-1.6	-2.2	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0187	Residential	Ground	E	66	62	65	60	66	62	65	60	-1.5	-2	-1.5	-2	56	51	YES	YES	NO	NO	YES
NCA14A	NCA14A.RES.0187	Residential	Ground	N	58	54	57	52	59	55	57	53	-1.6	-2.1	-1.6	-2.1	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0187	Residential	Ground	W	54	49	56	51	54	50	56	52	2	1.8	2.3	2	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0188	Residential	Ground	S	63	58	60	55	63	59	61	56	-2.4	-2.9	-2.3	-3	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0188	Residential	Ground	E	66	62	65	60	67	62	65	60	-1.6	-2	-1.5	-2.1	56	51	YES	YES	NO	NO	YES
NCA14A	NCA14A.RES.0188	Residential	Ground	N	61	57	59	54	61	57	59	54	-2.3	-3	-2.3	-3	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0188	Residential	Ground	W	54	49	56	51	54	50	56	52	2	1.8	2.2	1.9	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0189	Residential	Ground	NW	49	45	52	48	49	45	53	48	3.3	3.2	3.5	3.3	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0189	Residential	Ground	SW	53	48	56	51	53	49	56	52	2.9	2.8	3.2	2.9	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0189	Residential	Ground	SE	54	49	56	52	54	50	57	52	2.6	2.5	2.8	2.6	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0189	Residential	Ground	NE	50	46	52	48	51	46	53	48	1.9	1.9	2.2	1.9	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0190	Residential	Ground	NW	49	45	53	49	50	46	54	50	3.8	3.6	4	3.9	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0190	Residential	Ground	SW	50	46	52	48	51	46	53	48	2.2	2	2.3	2.2	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0190	Residential	Ground	SE	53	49	56	52	54	50	57	52	2.6	2.5	2.8	2.6	57	52	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA14A	NCA14A.RES.0191	Residential	Ground	NW	50	45	54	49	50	46	54	50	3.9	3.8	4.2	3.9	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0191	Residential	Ground	SE	53	49	55	51	54	49	56	52	2.1	1.9	2.2	2.1	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0191	Residential	Ground	NE	50	45	52	47	50	46	52	48	1.9	1.8	2	1.9	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0192	Residential	Ground	NW	48	44	51	47	49	45	52	47	2.7	2.5	2.8	2.7	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0192	Residential	Ground	SW	50	46	52	47	50	46	52	48	1.6	1.4	1.8	1.6	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0192	Residential	Ground	SE	54	49	56	52	54	50	57	52	2.2	2.2	2.4	2.2	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0192	Residential	Ground	NE	52	48	53	48	52	48	54	49	1.1	0.9	1.3	1	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0193	Residential	Ground	NW	49	45	53	48	50	45	54	49	3.8	3.7	4.1	3.9	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0193	Residential	Ground	SW	52	48	55	50	53	48	55	51	2.5	2.4	2.7	2.4	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0193	Residential	Ground	SE	54	50	56	52	54	50	57	53	2.5	2.4	2.7	2.5	57	52	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0193	Residential	Ground	NE	52	48	53	49	52	48	54	49	1.1	1	1.3	1.1	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0194	Residential	Ground	NW	49	45	53	48	50	45	54	49	3.8	3.6	4	3.8	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0194	Residential	Ground	SW	53	49	55	51	53	49	56	51	2.4	2.3	2.6	2.4	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0194	Residential	Ground	SE	54	49	56	52	54	50	57	52	2.4	2.3	2.6	2.4	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0194	Residential	Ground	NE	50	46	52	47	50	46	52	48	1.8	1.7	2.1	1.8	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0195	Residential	Ground	SW	50	46	52	48	51	47	53	49	2	1.8	2.1	1.9	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0195	Residential	Ground	SE	54	50	57	52	55	51	57	53	2.2	2.2	2.5	2.2	57	52	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0195	Residential	Ground	NE	51	47	52	48	51	47	53	48	1.4	1.1	1.5	1.3	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0195	Residential	Ground	NW	49	45	53	49	50	46	54	50	4.1	3.9	4.3	4.1	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0196	Residential	Ground	W	48	44	51	47	49	44	52	47	2.8	2.8	3.1	2.9	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0196	Residential	Ground	S	52	47	53	49	52	48	54	49	1.5	1.3	1.7	1.4	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0196	Residential	Ground	E	55	51	57	52	55	51	57	53	1.6	1.6	1.9	1.7	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0196	Residential	Ground	N	49	44	51	46	49	45	51	47	2	1.9	2.3	2	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0197	Residential	Ground	SW	48	44	50	46	49	44	51	46	2	1.8	2.1	2	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0197	Residential	Ground	E	56	52	57	52	57	52	58	53	1	0.7	1.1	0.9	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0197	Residential	Ground	N	55	51	55	50	56	51	55	51	-0.7	-1	-0.5	-0.9	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0197	Residential	Ground	N	55	50	54	49	55	51	54	50	-0.8	-1.1	-0.7	-1	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0197	Residential	Ground	NW	49	45	53	48	49	45	53	49	3.8	3.6	4	3.8	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0198	Residential	Ground	W	50	46	53	49	50	46	54	50	3.5	3.4	3.7	3.6	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0198	Residential	Ground	S	54	50	56	52	54	50	57	52	2	1.9	2.3	2	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0198	Residential	Ground	E	53	48	55	51	53	49	56	51	2.5	2.4	2.7	2.5	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0198	Residential	Ground	N	52	48	53	48	53	48	54	49	0.9	0.6	1	0.8	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0199	Residential	Ground	W	50	45	53	49	50	46	54	50	3.4	3.4	3.7	3.5	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0199	Residential	Ground	S	54	49	55	51	54	50	56	52	1.8	1.7	2	1.8	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0199	Residential	Ground	E	53	48	55	51	53	49	56	51	2.5	2.4	2.6	2.5	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0199	Residential	Ground	N	55	51	54	49	55	51	55	50	-0.7	-1.1	-0.5	-0.9	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0200	Residential	Ground	W	51	46	54	49	51	47	55	50	3.3	3.1	3.4	3.3	57	52	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14A	NCA14A.RES.0200	Residential	Ground	S	55	50	56	52	55	51	57	53	1.6	1.5	1.9	1.6	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0200	Residential	Ground	E	52	48	54	50	52	48	55	51	2.5	2.5	2.8	2.5	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0200	Residential	Ground	N	52	48	53	49	53	48	54	49	0.8	0.5	1	0.8	57	52	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0201	Residential	Ground	W	51	47	54	50	51	47	55	50	3.1	3	3.3	3.2	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0201	Residential	Ground	S	55	51	57	52	56	52	57	53	1.5	1.4	1.8	1.4	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0201	Residential	Ground	E	52	48	55	50	53	48	56	51	2.7	2.6	2.9	2.7	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0201	Residential	Ground	N	53	48	53	49	53	49	54	49	0.6	0.3	0.8	0.5	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0202	Residential	Ground	W	51	47	55	50	52	48	55	51	3.1	3	3.4	3.2	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0202	Residential	Ground	S	55	51	57	52	56	52	57	53	1.1	0.8	1.2	0.9	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0202	Residential	Ground	E	52	48	54	50	53	48	55	51	2.3	2.2	2.4	2.3	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0202	Residential	Ground	N	53	49	53	49	53	49	54	49	0.3	0.1	0.4	0.2	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0203	Residential	Ground	W	51	47	54	49	51	47	54	50	2.7	2.7	2.9	2.7	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0203	Residential	Ground	S	56	52	57	53	57	53	58	53	0.9	0.7	1	0.8	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0203	Residential	Ground	E	55	51	57	52	55	51	57	53	1.9	1.7	2.1	1.8	56	51	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0203	Residential	Ground	N	54	49	54	49	54	50	54	50	0.1	-0.2	0.2	-0.1	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0204	Residential	Ground	W	52	48	55	51	53	48	56	51	2.8	2.7	3	2.7	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0204	Residential	Ground	S	57	53	58	54	58	54	59	54	0.9	0.6	1.1	0.7	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0204	Residential	Ground	E	54	50	57	52	55	51	57	53	2.4	2.3	2.6	2.4	56	51	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0204	Residential	Ground	N	52	48	53	48	52	48	53	49	0.5	0.2	0.8	0.5	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0205	Residential	Ground	W	52	48	55	51	53	49	56	51	2.7	2.6	2.8	2.6	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0205	Residential	Ground	S	58	53	58	54	58	54	59	55	0.7	0.5	0.9	0.6	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0205	Residential	Ground	E	54	50	56	52	54	50	57	52	2.1	1.9	2.3	2.1	56	51	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0205	Residential	Ground	N	55	51	55	50	56	52	55	51	-0.7	-1.1	-0.7	-1.1	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0206	Residential	Ground	W	53	49	56	51	54	49	57	52	2.6	2.6	2.9	2.7	56	51	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0206	Residential	Ground	S	58	54	59	54	59	55	59	55	0.4	0.1	0.5	0.2	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0206	Residential	Ground	E	54	50	56	52	55	50	57	52	2	2	2.2	2	56	51	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0206	Residential	Ground	N	56	52	55	50	57	53	56	51	-1.2	-1.6	-1.1	-1.5	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0207	Residential	Ground	W	54	49	56	52	54	50	57	52	2.7	2.6	2.9	2.7	56	51	NO	NO	NO	NO	YES
NCA14A	NCA14A.RES.0207	Residential	Ground	S	59	55	59	54	59	55	60	55	0	-0.4	0.1	-0.3	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0207	Residential	Ground	E	60	56	59	54	61	57	60	55	-1.3	-1.7	-1.2	-1.7	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0207	Residential	Ground	N	58	54	56	52	59	54	57	52	-1.9	-2.4	-1.8	-2.3	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0208	Residential	Ground	W	52	47	54	50	52	48	55	50	2.3	2.2	2.5	2.2	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0208	Residential	Ground	S	58	54	58	53	58	54	58	54	0	-0.4	0	-0.3	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0208	Residential	Ground	E	61	56	59	54	61	57	60	55	-1.6	-2	-1.5	-1.9	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0208	Residential	Ground	N	59	55	57	52	59	55	57	52	-2.3	-2.8	-2.2	-2.8	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0209	Residential	Ground	W	52	47	54	50	52	48	55	50	2.6	2.4	2.8	2.6	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0209	Residential	Ground	S	56	51	56	52	56	52	57	53	0.8	0.5	0.9	0.7	56	51	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14A	NCA14A.RES.0209	Residential	Ground	E	53	49	55	50	54	49	55	51	1.6	1.4	1.8	1.6	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0209	Residential	Ground	N	58	54	56	51	58	54	56	51	-2.2	-2.7	-2.1	-2.6	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0210	Residential	Ground	W	51	47	54	50	52	48	55	50	2.7	2.6	2.9	2.8	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0210	Residential	Ground	S	55	51	56	52	56	51	57	53	1.3	1	1.4	1.2	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0210	Residential	Ground	E	53	49	55	50	53	49	55	51	2	1.8	2.1	2	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0210	Residential	Ground	N	58	54	56	51	59	54	57	52	-2.2	-2.7	-2.1	-2.5	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0211	Residential	Ground	W	51	46	53	49	51	47	54	50	2.7	2.6	2.8	2.7	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0211	Residential	Ground	S	55	50	56	52	55	51	57	52	1.4	1.1	1.5	1.2	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0211	Residential	Ground	E	53	48	55	51	53	49	56	51	2.2	2.2	2.5	2.2	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0211	Residential	Ground	N	56	52	55	50	57	52	55	51	-1.4	-1.8	-1.3	-1.7	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0212	Residential	Ground	W	51	46	54	49	51	47	54	50	2.9	2.8	3.1	3	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0212	Residential	Ground	S	54	50	56	51	55	50	56	52	1.4	1.2	1.6	1.3	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0212	Residential	Ground	E	51	47	54	49	52	48	54	50	2.3	2.2	2.6	2.3	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0212	Residential	Ground	N	56	51	54	50	56	52	55	50	-1.2	-1.5	-1.1	-1.5	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0213	Residential	Ground	W	50	46	53	49	51	47	54	50	3	2.9	3.2	3	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0213	Residential	Ground	S	54	50	55	51	54	50	56	52	1.6	1.4	1.8	1.5	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0213	Residential	Ground	E	52	47	54	50	52	48	55	50	2.5	2.5	2.8	2.5	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0213	Residential	Ground	N	55	51	54	49	56	51	55	50	-1.1	-1.4	-0.9	-1.3	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0214	Residential	Ground	N	55	51	54	49	55	51	55	50	-0.8	-1.2	-0.8	-1.1	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0214	Residential	Ground	W	50	46	53	49	51	46	54	50	3.2	3.1	3.4	3.2	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0214	Residential	Ground	S	54	49	55	51	54	50	56	52	1.8	1.7	1.9	1.8	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0214	Residential	Ground	E	51	47	54	49	52	47	54	50	2.6	2.4	2.8	2.6	56	51	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0215	Residential	Ground	W	62	58	60	56	63	59	61	56	-2	-2.4	-1.9	-2.4	55	50	NO	YES	NO	NO	YES
NCA14A	NCA14A.RES.0215	Residential	Ground	S	69	65	66	61	70	65	66	61	-3.1	-3.7	-3.1	-3.8	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0215	Residential	Ground	E	72	67	68	63	72	68	68	63	-3.5	-4.2	-3.6	-4.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0215	Residential	Ground	N	66	62	63	58	67	62	63	58	-3.4	-4.2	-3.6	-4.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0216	Residential	Ground	NW	58	54	57	53	58	54	58	53	-0.6	-1	-0.5	-0.8	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0216	Residential	Ground	SW	63	59	60	55	63	59	60	56	-2.8	-3.5	-2.8	-3.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0216	Residential	Ground	SE	70	65	67	62	70	66	67	62	-3	-3.7	-3	-3.7	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0216	Residential	Ground	NE	66	62	63	58	67	62	63	58	-3.2	-4	-3.3	-4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0217	Residential	Ground	NW	55	51	56	52	56	51	57	52	1.1	0.9	1.4	1.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0217	Residential	Ground	SW	65	60	62	57	65	61	62	57	-2.9	-3.6	-2.9	-3.7	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0217	Residential	Ground	SE	70	65	67	62	70	66	67	62	-2.9	-3.6	-3	-3.6	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0217	Residential	Ground	NE	63	59	60	55	63	59	61	56	-2.7	-3.5	-2.8	-3.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0218	Residential	Ground	NW	55	51	56	52	56	51	57	52	1.1	0.9	1.3	1.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0218	Residential	Ground	SW	63	59	60	55	63	59	61	56	-2.8	-3.5	-2.8	-3.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0218	Residential	Ground	SE	70	65	67	62	70	66	67	62	-2.8	-3.5	-2.8	-3.5	55	50	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA14A	NCA14A.RES.0218	Residential	Ground	NE	65	60	62	57	65	61	62	57	-2.9	-3.6	-2.9	-3.6	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0219	Residential	Ground	NW	55	51	56	52	55	51	57	52	1.2	1	1.4	1.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0219	Residential	Ground	SW	64	60	61	56	65	60	62	57	-2.8	-3.6	-2.9	-3.6	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0219	Residential	Ground	SE	70	65	67	62	70	66	67	62	-2.7	-3.4	-2.7	-3.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0219	Residential	Ground	NE	63	59	60	55	63	59	60	56	-2.8	-3.5	-2.8	-3.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0220	Residential	Ground	NW	55	51	57	52	56	52	57	53	1.3	1.1	1.5	1.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0220	Residential	Ground	SW	65	60	62	57	65	61	62	57	-2.8	-3.5	-2.8	-3.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0220	Residential	Ground	SE	69	65	67	62	70	66	67	62	-2.6	-3.3	-2.6	-3.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0220	Residential	Ground	NE	64	60	61	56	64	60	61	57	-2.8	-3.5	-2.8	-3.6	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0221	Residential	Ground	NW	59	54	60	55	59	55	60	56	0.8	0.6	1	0.7	55	50	YES	YES	NO	NO	YES
NCA14A	NCA14A.RES.0221	Residential	Ground	SW	66	62	64	60	67	63	65	60	-1.8	-2.3	-1.8	-2.4	55	50	NO	YES	NO	NO	YES
NCA14A	NCA14A.RES.0221	Residential	Ground	SE	69	65	67	62	70	65	67	62	-2.5	-3.1	-2.5	-3.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0221	Residential	Ground	NE	63	59	60	55	63	59	61	56	-2.7	-3.4	-2.7	-3.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0229	Residential	Ground	NE	52	48	52	48	53	48	53	48	0	-0.3	0.1	-0.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0229	Residential	Ground	NW	49	45	49	45	50	45	50	45	0.3	0	0.4	0.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0229	Residential	Ground	NW	49	44	49	44	49	45	50	45	0.2	0.1	0.3	0.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0229	Residential	Ground	NW	49	45	50	45	50	45	50	46	0.3	0.1	0.5	0.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0229	Residential	Ground	NE	51	46	51	46	51	47	51	47	0.2	0	0.3	0.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0229	Residential	Ground	NW	49	45	49	45	49	45	50	45	0.4	0.3	0.6	0.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0229	Residential	Ground	SW	58	54	57	52	59	54	57	52	-1.6	-2	-1.5	-1.8	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0229	Residential	Ground	SE	61	57	59	55	62	58	60	55	-2	-2.4	-1.9	-2.4	55	50	YES	YES	NO	NO	YES
NCA14A	NCA14A.RES.0229	Residential	Ground	NE	59	54	57	53	59	55	58	53	-1.2	-1.6	-1.2	-1.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0229	Residential	Ground	SE	60	56	59	54	61	56	59	54	-1.8	-2.3	-1.8	-2.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0229	Residential	Ground	SE	61	57	59	54	61	57	60	55	-1.9	-2.3	-1.9	-2.3	55	50	YES	YES	NO	NO	YES
NCA14A	NCA14A.RES.0229	Residential	Ground	SE	60	56	58	54	61	56	59	54	-1.9	-2.3	-1.8	-2.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0230	Residential	Ground	NW	46	41	45	40	46	42	45	41	-0.9	-1.5	-0.7	-1.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0230	Residential	Ground	SW	55	50	54	49	55	51	54	49	-1.3	-1.6	-1.2	-1.6	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0230	Residential	Ground	SE	55	51	53	49	56	51	54	49	-1.8	-2.2	-1.7	-2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0230	Residential	Ground	NE	54	50	53	49	54	50	54	49	-0.7	-1.1	-0.6	-0.8	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0231	Residential	Ground	SW	60	56	58	53	61	57	59	54	-2.4	-3	-2.4	-2.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0231	Residential	Ground	SE	63	59	61	56	64	59	61	56	-2.3	-2.8	-2.2	-2.7	55	50	NO	YES	NO	NO	YES
NCA14A	NCA14A.RES.0231	Residential	Ground	NE	57	52	56	51	57	53	56	52	-0.9	-1.2	-0.7	-1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0231	Residential	Ground	NW	47	43	46	40	47	43	46	41	-1.4	-2.2	-1.3	-1.7	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0233	Residential	Ground	SW	60	56	58	53	61	56	58	53	-2.5	-3.1	-2.6	-3.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0233	Residential	Ground	SE	62	58	59	54	62	58	60	55	-2.7	-3.4	-2.8	-3.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0233	Residential	Ground	NE	58	53	56	51	58	54	56	52	-1.8	-2.2	-1.7	-2.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0233	Residential	Ground	NW	48	43	46	41	48	44	47	42	-1.6	-2.3	-1.4	-1.9	55	50	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14A	NCA14A.RES.0234	Residential	Ground	SW	59	55	57	52	60	55	57	53	-2.4	-2.9	-2.4	-2.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0234	Residential	Ground	SE	59	55	57	52	60	55	57	52	-2.7	-3.3	-2.6	-3.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0234	Residential	Ground	NE	55	51	54	49	56	51	54	50	-1.5	-2	-1.5	-1.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0234	Residential	Ground	NW	52	47	51	46	52	48	51	47	-0.8	-1.2	-0.7	-1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0235	Residential	Ground	SW	53	49	53	48	54	49	53	49	-0.5	-0.7	-0.3	-0.6	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0235	Residential	Ground	SE	63	59	60	55	64	59	60	55	-3.1	-3.9	-3.3	-4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0235	Residential	Ground	NE	62	57	59	53	62	58	59	54	-3	-3.6	-3	-3.6	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0235	Residential	Ground	NW	52	47	51	46	52	48	51	47	-0.7	-1.2	-0.7	-0.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0236	Residential	Ground	NW	52	48	51	46	53	48	52	47	-1.1	-1.6	-1	-1.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0236	Residential	Ground	SW	59	55	57	52	60	55	57	52	-2.5	-3.1	-2.5	-3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0236	Residential	Ground	SE	65	60	61	56	65	61	62	57	-3.3	-4	-3.3	-4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0236	Residential	Ground	SW	64	59	61	55	64	60	61	56	-3.2	-3.9	-3.3	-3.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0236	Residential	Ground	SE	66	62	63	58	67	62	63	58	-3.4	-4.2	-3.4	-4.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0236	Residential	Ground	NE	64	60	61	56	65	60	61	56	-3.2	-4	-3.4	-4.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0236	Residential	Ground	NE	63	58	60	55	63	59	60	55	-3.1	-3.9	-3.2	-3.8	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0236	Residential	Ground	NE	62	58	59	54	62	58	59	54	-3.1	-3.8	-3.1	-3.7	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0236	Residential	Ground	NW	54	50	53	48	55	50	53	48	-1.6	-2.2	-1.6	-2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0236	Residential	Ground	NE	56	51	54	49	56	52	54	50	-1.7	-2.2	-1.7	-2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0236	Residential	Ground	NW	53	49	52	47	54	49	52	48	-1.4	-1.8	-1.2	-1.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0236	Residential	Ground	SW	54	49	53	48	54	50	53	48	-1.1	-1.5	-1.1	-1.4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0236	Residential	Ground	NW	53	48	51	46	53	48	52	47	-1.3	-1.7	-1.2	-1.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0236	Residential	Ground	NE	55	50	54	49	55	51	54	49	-1.2	-1.6	-1.2	-1.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0237	Residential	Ground	NE	66	62	63	58	67	62	63	58	-3.4	-4.2	-3.6	-4.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0237	Residential	Ground	NW	51	46	49	44	51	47	49	45	-1.9	-2.6	-1.9	-2.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0237	Residential	Ground	NE	51	47	49	44	51	47	50	45	-1.9	-2.5	-1.8	-2.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0237	Residential	Ground	NW	51	46	49	44	51	47	49	45	-2	-2.6	-1.8	-2.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0237	Residential	Ground	SW	49	45	48	43	50	45	48	43	-1.4	-1.8	-1.4	-1.7	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0237	Residential	Ground	NW	49	45	48	43	49	45	48	43	-1.4	-1.9	-1.3	-1.7	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0237	Residential	Ground	SW	67	63	64	59	67	63	64	59	-3.2	-3.9	-3.2	-3.8	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0237	Residential	Ground	SE	70	65	66	61	70	66	67	62	-3.4	-4.2	-3.5	-4.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0238	Residential	Ground	NE	57	53	56	52	58	53	57	52	-0.8	-1.2	-0.8	-1.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0238	Residential	Ground	NE	54	50	54	49	55	50	54	50	-0.5	-0.8	-0.4	-0.6	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0238	Residential	Ground	SE	55	51	55	50	56	51	55	51	-0.4	-0.7	-0.3	-0.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0238	Residential	Ground	NE	53	49	53	49	54	50	54	49	-0.1	-0.4	-0.1	-0.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0238	Residential	Ground	NW	49	44	49	45	49	45	50	45	0.6	0.4	0.7	0.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0238	Residential	Ground	NW	49	44	49	45	49	45	50	45	0.5	0.4	0.7	0.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0238	Residential	Ground	SW	53	49	53	49	54	49	54	49	-0.2	-0.4	0	-0.2	55	50	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA14A	NCA14A.RES.0238	Residential	Ground	SE	56	51	55	51	56	52	56	51	-0.4	-0.7	-0.3	-0.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0238	Residential	Ground	SW	56	51	55	51	56	52	56	51	-0.4	-0.7	-0.3	-0.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0238	Residential	Ground	SE	58	53	57	52	58	54	57	52	-0.9	-1.3	-0.9	-1.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0239	Residential	Ground	NE	55	51	54	49	55	51	55	50	-0.8	-1.3	-0.7	-1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0239	Residential	Ground	SE	55	50	54	49	55	51	54	50	-0.9	-1.3	-0.8	-1.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0239	Residential	Ground	SE	56	52	55	50	56	52	56	51	-0.9	-1.2	-0.7	-1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0239	Residential	Ground	NE	53	49	53	48	54	50	53	48	-0.9	-1.3	-0.9	-1.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0239	Residential	Ground	NW	46	41	46	41	46	42	46	42	0	-0.5	0.1	-0.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0239	Residential	Ground	SW	46	41	47	42	46	42	47	43	0.8	0.6	0.9	0.8	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0239	Residential	Ground	NW	45	40	45	40	45	41	45	41	0.3	0.1	0.5	0.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0239	Residential	Ground	NW	44	40	45	40	45	40	45	41	0.2	0.1	0.4	0.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0239	Residential	Ground	NW	45	40	45	41	45	41	46	41	0.5	0.4	0.7	0.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0239	Residential	Ground	SW	54	49	54	49	54	50	55	50	0.2	0	0.3	0.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0239	Residential	Ground	SE	55	50	54	50	55	51	55	50	-0.2	-0.5	-0.2	-0.4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0239	Residential	Ground	SW	54	50	54	49	54	50	54	50	-0.1	-0.3	0.1	-0.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0239	Residential	Ground	SW	53	49	53	49	54	49	54	49	0	-0.3	0.1	0	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0239	Residential	Ground	SW	54	49	54	49	54	50	54	50	-0.1	-0.3	0	-0.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0239	Residential	Ground	SE	56	52	55	51	57	52	56	51	-0.8	-1.2	-0.8	-1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0240	Residential	Ground	NE	51	46	51	46	51	47	51	47	0	-0.2	0.3	0	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0240	Residential	Ground	SE	52	47	52	48	52	48	53	48	0.2	0.1	0.3	0.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0240	Residential	Ground	NE	53	49	52	48	54	49	53	48	-0.6	-0.9	-0.5	-0.7	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0240	Residential	Ground	NW	49	44	49	44	49	45	50	45	0.5	0.2	0.6	0.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0240	Residential	Ground	NW	49	44	49	45	49	45	50	45	0.5	0.2	0.6	0.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0240	Residential	Ground	SW	48	44	49	44	49	44	49	45	0.5	0.2	0.6	0.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0240	Residential	Ground	NW	49	44	49	44	49	45	50	45	0.4	0.2	0.6	0.4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0240	Residential	Ground	SW	50	46	51	46	51	46	51	47	0.3	0.2	0.5	0.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0240	Residential	Ground	NW	49	44	49	44	49	45	50	45	0.3	0	0.4	0.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0240	Residential	Ground	SW	53	49	53	49	54	49	54	49	0	-0.2	0.1	0	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0240	Residential	Ground	SE	57	52	56	51	57	53	56	52	-1.1	-1.5	-1.1	-1.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0240	Residential	Ground	SE	57	53	56	51	58	53	56	52	-1.2	-1.6	-1.1	-1.4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0240	Residential	Ground	NE	55	51	54	49	56	52	55	50	-1.2	-1.6	-1.2	-1.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0240	Residential	Ground	NW	49	45	49	45	50	45	50	45	0.3	0	0.4	0.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0241	Residential	Ground	NW	49	44	49	44	49	45	50	45	0.3	0	0.4	0.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0241	Residential	Ground	NE	52	47	51	47	52	48	52	47	-0.1	-0.3	0.1	-0.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0241	Residential	Ground	NW	49	44	49	45	49	45	50	45	0.3	0.1	0.5	0.4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0241	Residential	Ground	SW	51	46	51	47	51	47	52	47	0.5	0.4	0.7	0.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0241	Residential	Ground	NW	49	44	49	45	49	45	50	45	0.4	0.2	0.6	0.4	55	50	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14A	NCA14A.RES.0241	Residential	Ground	SW	49	45	50	45	50	45	51	46	0.7	0.5	0.8	0.7	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0241	Residential	Ground	NW	49	45	50	45	50	45	50	46	0.6	0.4	0.8	0.6	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0241	Residential	Ground	SW	54	50	54	49	55	50	54	50	-0.5	-0.6	-0.3	-0.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0241	Residential	Ground	SE	57	53	56	51	58	53	57	52	-1.3	-1.7	-1.2	-1.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0241	Residential	Ground	SE	57	53	56	51	58	53	57	52	-1.3	-1.8	-1.2	-1.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0241	Residential	Ground	SE	56	52	55	51	57	52	56	51	-1.1	-1.5	-1	-1.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0241	Residential	Ground	SE	58	53	56	51	58	54	57	52	-1.4	-1.8	-1.3	-1.6	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0241	Residential	Ground	SE	57	53	56	51	58	53	56	52	-1.4	-1.9	-1.4	-1.7	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0241	Residential	Ground	SE	58	53	56	51	58	54	57	52	-1.4	-1.8	-1.3	-1.7	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0241	Residential	Ground	NE	55	51	54	49	56	52	55	50	-1.2	-1.6	-1.2	-1.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0242	Residential	Ground	NE	56	52	55	50	57	52	55	51	-1.3	-1.8	-1.2	-1.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0242	Residential	Ground	NW	49	45	49	44	49	45	50	45	0.2	-0.1	0.4	0.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0242	Residential	Ground	NE	50	45	50	45	50	46	51	46	0.2	-0.1	0.3	0.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0242	Residential	Ground	NW	49	45	50	45	50	45	50	45	0.2	-0.1	0.4	0.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0242	Residential	Ground	SW	50	45	50	45	50	46	51	46	0.6	0.4	0.7	0.6	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0242	Residential	Ground	NW	49	45	49	45	49	45	50	45	0.4	0.3	0.7	0.4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0242	Residential	Ground	SW	55	51	54	50	56	51	55	50	-1	-1.3	-0.9	-1.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0242	Residential	Ground	SE	58	54	56	52	58	54	57	52	-1.5	-1.9	-1.5	-1.8	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0243	Residential	Ground	SW	52	48	53	48	53	48	53	49	0.7	0.5	0.8	0.8	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0243	Residential	Ground	SE	55	51	55	50	55	51	55	51	-0.4	-0.7	-0.2	-0.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0243	Residential	Ground	NE	53	49	53	48	54	49	53	49	-0.5	-0.7	-0.3	-0.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0243	Residential	Ground	NW	48	43	49	44	48	44	49	45	0.9	0.8	1	0.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0244	Residential	Ground	NE	56	51	54	50	56	52	55	50	-1.2	-1.8	-1.2	-1.4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0244	Residential	Ground	NW	49	44	49	45	49	45	50	45	0.3	0.1	0.5	0.4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0244	Residential	Ground	NE	50	46	50	46	51	46	51	46	0.2	-0.1	0.3	0.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0244	Residential	Ground	NW	49	45	50	45	49	45	50	46	0.7	0.5	0.9	0.8	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0244	Residential	Ground	SW	56	51	55	50	56	52	55	50	-1.1	-1.4	-1	-1.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0244	Residential	Ground	SE	58	54	57	52	58	54	57	52	-1.4	-1.9	-1.4	-1.7	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0244	Residential	Ground	SE	58	53	56	52	58	54	57	52	-1.3	-1.8	-1.2	-1.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0245	Residential	Ground	NE	54	50	53	48	55	50	54	49	-1.1	-1.6	-1	-1.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0245	Residential	Ground	NE	53	49	52	47	54	49	53	48	-1.1	-1.5	-0.9	-1.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0245	Residential	Ground	SE	54	49	53	48	54	50	53	48	-1.1	-1.5	-0.9	-1.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0245	Residential	Ground	NE	52	48	51	46	52	48	52	47	-0.8	-1.2	-0.7	-0.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0245	Residential	Ground	NW	44	40	46	42	45	40	47	43	2.1	2	2.3	2.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0245	Residential	Ground	SW	52	47	52	48	52	48	53	48	0.6	0.4	0.8	0.6	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0245	Residential	Ground	NW	49	44	50	45	49	45	50	46	1.1	0.9	1.2	1.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0245	Residential	Ground	SW	54	49	54	49	54	50	54	50	0.1	-0.2	0.2	0.1	55	50	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA14A	NCA14A.RES.0245	Residential	Ground	SE	56	52	55	51	56	52	56	51	-0.6	-1	-0.4	-0.8	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0245	Residential	Ground	SE	56	52	55	51	56	52	56	51	-0.6	-0.9	-0.5	-0.8	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0245	Residential	Ground	NE	54	50	53	48	54	50	53	49	-1.2	-1.5	-1	-1.4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0245	Residential	Ground	SE	53	49	52	48	53	49	53	48	-0.7	-1.1	-0.7	-0.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0245	Residential	Ground	SW	54	49	53	49	54	50	54	49	-0.5	-0.8	-0.3	-0.7	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0245	Residential	Ground	SE	56	52	55	51	56	52	56	51	-0.7	-1	-0.5	-0.7	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0246	Residential	Ground	SE	50	46	51	46	51	46	51	47	0.5	0.3	0.7	0.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0246	Residential	Ground	NE	52	47	52	47	52	48	52	48	0	-0.3	0.2	-0.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0246	Residential	Ground	NW	48	43	49	44	48	44	50	45	1.1	1	1.3	1.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0246	Residential	Ground	NW	48	43	49	44	48	44	49	45	1.1	1	1.3	1.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0246	Residential	Ground	SW	52	48	52	48	53	48	53	48	0	-0.3	0.1	-0.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0246	Residential	Ground	SW	54	50	54	49	54	50	54	50	-0.3	-0.6	-0.2	-0.4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0246	Residential	Ground	SW	55	51	55	50	56	51	55	51	-0.6	-0.9	-0.5	-0.7	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0246	Residential	Ground	SE	56	52	55	51	56	52	56	51	-0.7	-1	-0.5	-0.8	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0246	Residential	Ground	NE	55	51	54	49	55	51	55	50	-0.8	-1.2	-0.7	-1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0246	Residential	Ground	SE	56	52	55	51	56	52	56	51	-0.7	-1	-0.5	-0.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0246	Residential	Ground	NE	54	50	53	49	54	50	54	49	-0.6	-1	-0.5	-0.7	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0246	Residential	Ground	NW	48	43	49	44	48	44	49	45	0.8	0.6	0.9	0.8	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0246	Residential	Ground	NE	49	45	49	45	49	45	50	45	0.4	0.2	0.7	0.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0247	Residential	Ground	NE	67	63	64	59	68	63	64	59	-3.4	-4.2	-3.5	-4.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0247	Residential	Ground	NW	55	51	53	48	56	51	54	49	-2.3	-2.9	-2.2	-2.8	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0247	Residential	Ground	SW	68	63	64	59	68	64	65	59	-3.4	-4.2	-3.5	-4.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0247	Residential	Ground	SE	71	67	68	62	71	67	68	63	-3.4	-4.3	-3.5	-4.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0248	Residential	Ground	NW	54	49	52	47	54	50	53	48	-1.7	-2.2	-1.7	-2.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0248	Residential	Ground	NW	53	49	52	47	54	49	52	47	-1.7	-2.2	-1.7	-2.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0248	Residential	Ground	NW	55	51	53	48	56	51	54	49	-2.1	-2.7	-2.1	-2.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0248	Residential	Ground	SW	59	54	56	51	59	55	57	52	-2.4	-3.1	-2.4	-2.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0248	Residential	Ground	SE	69	64	65	60	69	65	66	60	-3.4	-4.2	-3.5	-4.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0248	Residential	Ground	NE	65	61	62	57	66	61	62	57	-3.3	-4.1	-3.4	-4.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0248	Residential	Ground	SE	64	59	61	55	64	60	61	56	-3.2	-3.9	-3.2	-3.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0248	Residential	Ground	NE	60	55	57	52	60	56	57	52	-2.8	-3.4	-2.8	-3.4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0249	Residential	Ground	NE	57	53	55	50	58	53	56	51	-1.9	-2.4	-1.8	-2.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0249	Residential	Ground	SE	59	54	57	52	59	55	57	52	-1.9	-2.4	-1.8	-2.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0249	Residential	Ground	NE	56	52	55	50	57	52	55	50	-1.7	-2.2	-1.6	-2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0249	Residential	Ground	NW	50	46	50	45	51	46	50	46	-0.5	-0.9	-0.4	-0.6	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0249	Residential	Ground	NW	51	47	51	46	51	47	51	47	-0.3	-0.6	-0.1	-0.4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0249	Residential	Ground	SW	57	52	55	50	57	53	56	51	-1.5	-1.9	-1.4	-1.7	55	50	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14A	NCA14A.RES.0249	Residential	Ground	SE	59	55	57	52	60	55	58	53	-1.9	-2.4	-1.8	-2.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0250	Residential	Ground	W	51	47	51	47	52	47	52	47	0	-0.2	0.1	0	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0250	Residential	Ground	S	55	50	54	49	55	51	55	50	-0.7	-1.1	-0.7	-0.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0250	Residential	Ground	E	56	52	55	50	57	52	56	51	-1	-1.4	-0.9	-1.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0250	Residential	Ground	N	53	49	52	47	54	49	53	48	-1.1	-1.6	-1	-1.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0251	Residential	Ground	E	53	49	53	48	54	49	53	49	-0.6	-1	-0.4	-0.7	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0251	Residential	Ground	N	52	48	51	47	52	48	52	47	-0.5	-1	-0.3	-0.6	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0251	Residential	Ground	W	48	44	49	44	48	44	50	45	1	0.8	1.2	1.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0251	Residential	Ground	NW	48	43	49	44	48	44	49	45	1	0.8	1.1	1.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0251	Residential	Ground	NW	48	43	49	44	48	44	49	45	1	0.8	1.2	1.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0251	Residential	Ground	SW	54	49	54	49	54	50	54	50	-0.2	-0.4	0	-0.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0251	Residential	Ground	SE	56	52	55	51	56	52	56	51	-0.6	-0.9	-0.4	-0.7	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0251	Residential	Ground	NE	54	50	53	49	54	50	54	49	-0.7	-1.1	-0.5	-0.7	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0251	Residential	Ground	SE	54	49	53	49	54	50	54	49	-0.4	-0.7	-0.3	-0.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0251	Residential	Ground	SW	54	49	53	49	54	50	54	49	-0.3	-0.6	-0.2	-0.4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0251	Residential	Ground	SE	56	51	55	50	56	52	56	51	-0.5	-1	-0.4	-0.7	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0251	Residential	Ground	S	56	51	55	50	56	52	56	51	-0.6	-1	-0.5	-0.7	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0251	Residential	Ground	E	56	51	55	50	56	52	56	51	-0.7	-1	-0.5	-0.8	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0251	Residential	Ground	N	53	49	52	47	53	49	53	48	-0.7	-1.1	-0.5	-0.7	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0251	Residential	Ground	NE	53	49	52	48	53	49	53	48	-0.5	-1	-0.3	-0.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0252	Residential	Ground	SW	53	48	53	48	53	49	54	49	0.1	-0.1	0.3	0	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0252	Residential	Ground	SE	55	51	55	50	55	51	55	51	-0.2	-0.6	-0.1	-0.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0252	Residential	Ground	NE	52	47	51	46	52	48	52	47	-0.6	-0.9	-0.5	-0.7	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0252	Residential	Ground	NW	44	39	45	41	44	40	46	41	1.7	1.6	1.9	1.8	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0253	Residential	Ground	NW	47	43	48	43	48	43	49	44	0.9	0.8	1.1	1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0253	Residential	Ground	SW	53	49	53	48	54	49	54	49	-0.1	-0.3	0.1	-0.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0253	Residential	Ground	SE	55	50	55	50	55	51	55	51	-0.1	-0.4	-0.1	-0.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0253	Residential	Ground	NE	53	48	52	48	53	49	53	48	-0.2	-0.6	-0.1	-0.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0254	Residential	Ground	NW	54	49	52	47	54	50	52	47	-1.8	-2.3	-1.7	-2.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0254	Residential	Ground	SW	61	56	58	53	61	57	58	53	-2.8	-3.4	-2.8	-3.4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0254	Residential	Ground	SE	66	61	63	57	66	62	63	58	-3.3	-4.1	-3.3	-4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0254	Residential	Ground	NE	54	50	53	48	55	50	53	48	-1.7	-2.2	-1.6	-2.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0255	Residential	Ground	NE	58	54	56	51	59	54	56	51	-2.5	-3	-2.4	-3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0255	Residential	Ground	NW	53	49	52	47	54	49	52	47	-1.6	-2.1	-1.5	-1.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0255	Residential	Ground	NW	53	48	51	46	53	49	52	47	-1.6	-2	-1.6	-1.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0255	Residential	Ground	NW	54	50	52	47	54	50	53	48	-1.6	-2.2	-1.6	-2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0255	Residential	Ground	SW	56	52	54	49	57	52	55	50	-1.7	-2.2	-1.6	-2	55	50	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA14A	NCA14A.RES.0255	Residential	Ground	SE	59	54	56	51	59	55	56	52	-2.5	-3.2	-2.5	-3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0255	Residential	Ground	SE	58	53	56	51	58	54	56	51	-2.2	-2.8	-2.2	-2.7	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0255	Residential	Ground	SE	60	56	58	52	60	56	58	53	-2.5	-3.2	-2.5	-3.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0256	Residential	Ground	NE	54	50	53	49	55	50	54	49	-0.7	-1.2	-0.6	-0.8	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0256	Residential	Ground	SE	54	50	53	49	55	50	54	49	-0.9	-1.3	-0.7	-0.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0256	Residential	Ground	NE	54	50	53	49	55	50	54	49	-0.9	-1.4	-0.8	-1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0256	Residential	Ground	SE	55	50	54	49	55	51	54	50	-0.8	-1.2	-0.6	-0.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0256	Residential	Ground	NE	54	50	53	49	55	50	54	49	-0.9	-1.3	-0.8	-1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0256	Residential	Ground	NE	54	49	53	48	54	50	53	49	-0.8	-1.2	-0.7	-0.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0256	Residential	Ground	NW	49	45	50	45	50	45	51	46	0.5	0.3	0.6	0.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0256	Residential	Ground	SW	49	45	50	45	50	45	51	46	0.6	0.3	0.7	0.6	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0256	Residential	Ground	NW	49	45	50	45	50	45	51	46	0.4	0.3	0.7	0.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0256	Residential	Ground	SW	52	47	52	47	52	48	53	48	0.3	0.1	0.5	0.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0256	Residential	Ground	SW	50	46	51	46	51	46	51	47	0.4	0.3	0.6	0.4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0256	Residential	Ground	SW	53	48	52	48	53	49	53	48	-0.2	-0.4	0	-0.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0256	Residential	Ground	SE	56	51	55	50	56	52	56	51	-0.8	-1.2	-0.7	-1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0257	Residential	Ground	NE	54	49	53	48	54	50	53	49	-0.9	-1.3	-0.7	-1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0257	Residential	Ground	SE	53	49	52	47	53	49	53	48	-0.7	-1.1	-0.5	-0.8	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0257	Residential	Ground	NE	52	48	52	47	53	48	52	48	-0.4	-0.6	-0.2	-0.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0257	Residential	Ground	NE	51	47	51	46	52	47	52	47	-0.2	-0.5	-0.1	-0.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0257	Residential	Ground	NW	50	46	50	46	51	46	51	46	0.3	0.2	0.5	0.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0257	Residential	Ground	SW	50	46	50	46	51	46	51	46	0.3	0.1	0.4	0.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0257	Residential	Ground	NW	50	45	50	45	50	45	50	46	0.3	0.1	0.5	0.4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0257	Residential	Ground	SW	55	50	54	49	55	51	55	50	-0.6	-0.9	-0.4	-0.6	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0257	Residential	Ground	SE	56	52	55	51	57	52	56	51	-0.9	-1.2	-0.8	-1.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0258	Residential	Ground	NW	53	49	52	47	54	49	52	47	-1.6	-2.1	-1.6	-2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0258	Residential	Ground	NE	55	50	53	48	55	51	53	49	-1.7	-2.2	-1.6	-2.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0258	Residential	Ground	NW	53	49	52	47	54	49	52	48	-1.5	-2	-1.4	-1.8	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0258	Residential	Ground	SW	62	58	59	54	62	58	59	54	-2.9	-3.7	-2.9	-3.6	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0258	Residential	Ground	SE	67	63	64	59	68	63	64	59	-3.3	-4.1	-3.5	-4.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0258	Residential	Ground	SE	67	63	64	59	68	63	64	59	-3.3	-4.2	-3.4	-4.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0258	Residential	Ground	NE	65	60	61	56	65	61	62	57	-3.3	-4.1	-3.4	-4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0259	Residential	Ground	NE	58	54	56	51	58	54	56	52	-2.1	-2.7	-2	-2.4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0259	Residential	Ground	NW	50	46	50	45	51	46	50	46	-0.6	-1	-0.5	-0.7	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0259	Residential	Ground	NE	51	46	50	45	51	47	51	46	-0.6	-1	-0.4	-0.7	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0259	Residential	Ground	SE	51	47	51	46	52	47	51	47	-0.6	-1	-0.5	-0.8	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0259	Residential	Ground	E	53	49	52	48	54	49	53	48	-0.8	-1.3	-0.6	-0.9	55	50	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14A	NCA14A.RES.0259	Residential	Ground	NE	54	50	53	48	55	50	54	49	-1.1	-1.4	-0.9	-1.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0259	Residential	Ground	N	54	49	53	48	54	50	53	49	-1.2	-1.6	-1	-1.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0259	Residential	Ground	N	53	49	52	47	53	49	52	48	-1.1	-1.6	-1	-1.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0259	Residential	Ground	NE	53	48	52	47	53	49	52	47	-1	-1.5	-0.9	-1.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0259	Residential	Ground	NW	51	46	51	46	51	47	51	46	-0.2	-0.7	-0.1	-0.4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0259	Residential	Ground	SW	54	50	53	48	54	50	53	49	-1.2	-1.5	-1	-1.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0259	Residential	Ground	SW	54	49	52	48	54	50	53	48	-1.1	-1.5	-1	-1.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0259	Residential	Ground	SW	56	52	55	50	57	53	56	51	-1.4	-1.8	-1.4	-1.7	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0259	Residential	Ground	SE	60	55	58	53	60	56	58	53	-2.1	-2.7	-2	-2.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0259	Residential	Ground	NE	59	54	57	52	59	55	57	52	-2.1	-2.7	-2	-2.4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0259	Residential	Ground	SE	59	55	57	52	59	55	57	53	-2.1	-2.6	-2	-2.4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0259	Residential	Ground	SE	60	55	58	53	60	56	58	53	-2.1	-2.6	-2	-2.4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0260	Residential	Ground	NE	58	53	56	51	58	54	56	52	-1.9	-2.5	-1.8	-2.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0260	Residential	Ground	NW	50	46	50	45	51	46	50	46	-0.6	-1	-0.4	-0.7	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0260	Residential	Ground	SW	58	53	56	51	58	54	56	51	-1.8	-2.2	-1.8	-2.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0260	Residential	Ground	SE	60	55	58	53	60	56	58	53	-2	-2.6	-2	-2.4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0261	Residential	Ground	SE	56	52	55	51	57	52	56	51	-0.9	-1.4	-0.7	-1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0261	Residential	Ground	NE	53	49	52	47	53	49	53	48	-0.8	-1.2	-0.6	-0.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0261	Residential	Ground	NW	49	44	49	45	49	45	50	45	0.7	0.5	0.8	0.7	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0261	Residential	Ground	SW	51	46	51	46	51	47	52	47	0.5	0.3	0.7	0.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0261	Residential	Ground	NW	48	44	49	44	49	44	49	45	0.2	0	0.4	0.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0261	Residential	Ground	NE	48	44	48	44	49	44	49	44	0.2	-0.1	0.4	0.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0261	Residential	Ground	NW	49	44	49	45	49	45	50	45	0.6	0.4	0.8	0.7	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0261	Residential	Ground	SW	55	50	54	49	55	51	55	50	-0.6	-0.9	-0.6	-0.8	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0261	Residential	Ground	SE	56	52	56	51	57	53	56	51	-0.9	-1.4	-0.8	-1.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0261	Residential	Ground	NE	54	50	53	49	55	50	54	49	-0.9	-1.4	-0.7	-1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0261	Residential	Ground	SE	55	51	55	50	56	52	55	51	-0.8	-1.2	-0.6	-0.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0262	Residential	Ground	NE	65	61	62	57	66	61	62	57	-3.3	-4.1	-3.4	-4.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0262	Residential	Ground	NE	63	58	60	54	63	59	60	55	-3.1	-3.9	-3.2	-3.8	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0262	Residential	Ground	NW	53	49	52	47	54	49	52	47	-1.7	-2.2	-1.7	-2.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0262	Residential	Ground	NW	53	48	51	46	53	49	51	46	-1.7	-2.3	-1.7	-2.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0262	Residential	Ground	NW	54	49	52	47	54	50	52	48	-1.7	-2.2	-1.6	-2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0262	Residential	Ground	SE	67	63	64	58	67	63	64	59	-3.4	-4.1	-3.5	-4.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0262	Residential	Ground	NE	66	61	63	57	66	62	63	58	-3.3	-4.1	-3.4	-4.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0262	Residential	Ground	SE	67	62	63	58	67	63	64	58	-3.3	-4.1	-3.4	-4.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0262	Residential	Ground	SW	66	61	63	57	66	62	63	58	-3.2	-4.1	-3.4	-4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0262	Residential	Ground	SE	67	62	64	58	67	63	64	59	-3.3	-4.1	-3.5	-4.1	55	50	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA14A	NCA14A.RES.0263	Residential	Ground	NE	52	48	50	45	52	48	51	46	-1.8	-2.3	-1.7	-2.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0263	Residential	Ground	NW	53	49	51	46	53	49	52	47	-1.6	-2.2	-1.6	-1.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0263	Residential	Ground	NW	52	48	51	46	53	48	51	46	-1.6	-2.2	-1.6	-1.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0263	Residential	Ground	NW	54	49	52	47	54	50	52	48	-1.6	-2.1	-1.5	-1.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0263	Residential	Ground	SW	62	57	59	54	62	58	59	54	-2.9	-3.6	-3	-3.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0263	Residential	Ground	SW	62	58	59	54	62	58	59	54	-2.9	-3.7	-3	-3.6	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0263	Residential	Ground	SE	62	58	59	54	63	58	60	55	-3	-3.7	-3.1	-3.6	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0263	Residential	Ground	SW	65	60	62	56	65	61	62	57	-3.2	-4	-3.4	-4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0263	Residential	Ground	SE	69	64	66	60	69	65	66	61	-3.4	-4.2	-3.5	-4.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0263	Residential	Ground	NE	64	59	61	55	64	60	61	56	-3.2	-4	-3.4	-3.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0263	Residential	Ground	SE	62	58	59	54	63	58	60	55	-3	-3.7	-3.1	-3.6	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0264	Residential	Ground	NE	61	57	58	53	62	57	59	54	-3	-3.8	-3.1	-3.6	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0264	Residential	Ground	NW	53	48	51	46	53	49	52	47	-1.5	-2.1	-1.5	-1.8	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0264	Residential	Ground	NE	54	49	52	47	54	50	53	48	-1.6	-2.2	-1.6	-1.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0264	Residential	Ground	NW	53	49	52	47	54	49	52	47	-1.6	-2	-1.5	-1.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0264	Residential	Ground	SW	58	54	55	50	58	54	56	51	-2.8	-3.4	-2.7	-3.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0264	Residential	Ground	SE	67	63	64	59	68	63	64	59	-3.3	-4.2	-3.4	-4.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0264	Residential	Ground	NE	65	60	61	56	65	60	62	56	-3.3	-4.1	-3.4	-4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0264	Residential	Ground	SE	65	61	62	57	66	61	62	57	-3.2	-4	-3.4	-3.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0265	Residential	Ground	N	57	52	54	49	57	52	55	50	-2.4	-3.1	-2.4	-2.8	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0265	Residential	Ground	E	61	57	58	53	62	57	59	54	-2.8	-3.7	-2.8	-3.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0265	Residential	Ground	N	62	57	59	54	62	58	59	54	-3	-3.8	-3	-3.6	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0265	Residential	Ground	W	55	51	53	48	56	51	54	49	-1.9	-2.4	-1.8	-2.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0265	Residential	Ground	S	65	61	62	57	65	61	62	57	-3.2	-4	-3.4	-3.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0265	Residential	Ground	S	67	62	63	58	67	62	63	58	-3.4	-4.1	-3.4	-4.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0265	Residential	Ground	E	67	62	63	58	67	63	64	59	-3.3	-4.1	-3.4	-4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0266	Residential	Ground	NE	59	55	57	52	60	56	57	53	-2.5	-3.4	-2.5	-2.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0266	Residential	Ground	NW	52	47	51	46	52	48	51	47	-0.8	-1.3	-0.7	-1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0266	Residential	Ground	SW	57	52	55	50	57	53	55	50	-1.8	-2.2	-1.8	-2.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0266	Residential	Ground	SW	55	50	53	48	55	51	54	49	-1.4	-1.8	-1.4	-1.7	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0266	Residential	Ground	SW	57	53	55	50	57	53	56	51	-1.8	-2.3	-1.8	-2.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0266	Residential	Ground	NW	56	51	54	49	56	52	54	50	-1.7	-2.2	-1.6	-2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0266	Residential	Ground	SW	58	54	56	51	58	54	56	52	-2	-2.5	-1.9	-2.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0266	Residential	Ground	SW	58	53	56	51	58	54	56	51	-1.9	-2.4	-1.9	-2.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0266	Residential	Ground	SW	57	53	55	51	58	53	56	51	-1.9	-2.4	-1.9	-2.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0266	Residential	Ground	NW	55	50	53	48	55	51	54	49	-1.5	-2	-1.4	-1.8	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0266	Residential	Ground	SW	59	55	57	52	60	55	57	53	-2.4	-2.9	-2.3	-2.8	55	50	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA14A	NCA14A.RES.0266	Residential	Ground	SE	63	58	60	55	63	59	60	56	-2.8	-3.6	-2.8	-3.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0266	Residential	Ground	SE	63	59	60	55	63	59	61	56	-2.9	-3.7	-2.9	-3.4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0266	Residential	Ground	NE	62	58	59	54	62	58	59	54	-3	-3.9	-3	-3.6	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0266	Residential	Ground	NE	61	57	58	53	62	58	59	54	-3	-3.8	-3	-3.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0266	Residential	Ground	E	62	58	59	54	62	58	60	55	-2.9	-3.7	-2.9	-3.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0266	Residential	Ground	NE	62	57	59	54	62	58	59	54	-2.9	-3.8	-2.9	-3.4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0266	Residential	Ground	N	59	55	57	52	60	56	57	53	-2.7	-3.7	-2.7	-3.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0266	Residential	Ground	NE	58	53	55	50	58	54	56	51	-2.5	-3.4	-2.3	-2.8	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0266	Residential	Ground	NE	59	55	56	51	59	55	57	52	-2.6	-3.5	-2.5	-3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0266	Residential	Ground	NW	53	49	52	47	53	49	53	48	-0.8	-1.7	-0.6	-0.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0266	Residential	Ground	NE	59	55	56	51	59	55	57	52	-2.5	-3.4	-2.4	-2.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0267	Residential	Ground	NW	46	42	46	41	47	42	46	41	-0.4	-0.9	-0.3	-0.6	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0267	Residential	Ground	SW	56	51	54	49	56	52	55	50	-1.5	-1.9	-1.4	-1.6	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0267	Residential	Ground	SW	56	52	55	50	57	52	55	50	-1.6	-2.1	-1.6	-1.8	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0267	Residential	Ground	SE	59	54	57	52	59	55	57	52	-2.1	-2.6	-2.1	-2.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0267	Residential	Ground	NE	55	51	54	49	55	51	55	50	-1.1	-1.8	-0.8	-1.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0267	Residential	Ground	NW	52	48	51	46	53	49	52	48	-0.9	-2.3	-0.5	-0.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0267	Residential	Ground	NE	56	52	54	49	56	52	54	50	-2	-3	-1.8	-2.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0268	Residential	Ground	NW	48	43	48	43	48	44	48	43	-0.2	-0.6	-0.1	-0.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0268	Residential	Ground	SW	49	45	49	44	50	45	49	45	-0.5	-0.9	-0.4	-0.6	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0268	Residential	Ground	NW	47	43	47	42	47	43	47	43	-0.4	-0.7	-0.2	-0.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0268	Residential	Ground	SW	57	52	55	50	57	53	55	51	-1.7	-2.1	-1.6	-1.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0268	Residential	Ground	SE	58	53	56	51	58	54	56	52	-1.8	-2.3	-1.8	-2.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0268	Residential	Ground	SW	57	53	55	51	58	53	56	51	-1.8	-2.2	-1.7	-2.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0268	Residential	Ground	SE	60	55	58	53	60	56	58	53	-2.1	-2.7	-2	-2.4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0268	Residential	Ground	SE	60	56	58	53	60	56	58	53	-2.2	-2.8	-2.2	-2.6	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0268	Residential	Ground	NE	58	53	55	50	58	54	56	51	-2.5	-3.3	-2.4	-2.8	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0268	Residential	Ground	NW	54	50	51	46	54	50	52	47	-2.5	-3.5	-2.4	-2.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0268	Residential	Ground	NE	55	51	53	48	56	52	54	49	-2.3	-3.2	-2.3	-2.8	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0270	Residential	Ground	NE	55	51	54	49	55	51	54	49	-1.3	-1.8	-1.2	-1.6	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0270	Residential	Ground	SE	56	51	54	50	56	52	55	50	-1.2	-1.6	-1.2	-1.4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0270	Residential	Ground	NE	55	50	53	48	55	51	54	49	-1.4	-1.9	-1.3	-1.6	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0270	Residential	Ground	NE	54	50	53	48	55	50	54	49	-1.2	-1.7	-1.1	-1.4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0270	Residential	Ground	SE	55	51	55	50	56	51	55	50	-0.9	-1.3	-0.8	-1.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0270	Residential	Ground	NE	55	51	53	49	55	51	54	49	-1.5	-2	-1.3	-1.7	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0270	Residential	Ground	NW	48	44	49	44	49	44	49	45	0.6	0.4	0.8	0.7	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0270	Residential	Ground	SW	52	48	52	48	53	48	53	48	0.3	0.1	0.4	0.3	55	50	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14A	NCA14A.RES.0270	Residential	Ground	SW	50	45	50	45	50	46	51	46	0.5	0.3	0.6	0.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0270	Residential	Ground	NW	49	44	49	44	49	45	50	45	0.4	0.2	0.6	0.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0270	Residential	Ground	SW	54	50	54	49	55	50	54	50	-0.5	-0.8	-0.5	-0.6	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0270	Residential	Ground	SW	55	51	54	50	55	51	55	50	-0.7	-1	-0.6	-0.8	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0270	Residential	Ground	SE	57	52	56	51	57	53	56	51	-1.2	-1.6	-1	-1.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0271	Residential	Ground	SE	52	48	52	47	53	48	52	48	-0.3	-0.7	-0.1	-0.4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0271	Residential	Ground	NE	54	50	53	48	54	50	54	49	-0.9	-1.2	-0.8	-1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0271	Residential	Ground	NW	48	43	48	43	48	44	49	44	0.4	0.1	0.5	0.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0271	Residential	Ground	SW	53	49	53	49	54	49	54	49	-0.2	-0.5	-0.1	-0.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0271	Residential	Ground	SE	53	49	53	49	54	49	54	49	-0.2	-0.3	0	-0.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0271	Residential	Ground	SW	50	45	50	45	50	46	51	46	0.3	0.1	0.5	0.4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0271	Residential	Ground	NW	49	44	49	44	49	45	50	45	0.5	0.2	0.6	0.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0271	Residential	Ground	SW	54	49	53	49	54	50	54	49	-0.4	-0.7	-0.3	-0.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0271	Residential	Ground	SE	56	52	55	51	57	52	56	51	-1	-1.4	-0.9	-1.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0271	Residential	Ground	SE	56	52	55	51	57	52	56	51	-1.1	-1.3	-0.9	-1.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0271	Residential	Ground	NE	55	50	54	49	55	51	54	50	-1.1	-1.6	-1	-1.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0271	Residential	Ground	NW	50	45	50	45	50	46	50	46	0.2	-0.3	0.4	0.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0271	Residential	Ground	NE	51	47	51	46	51	47	52	47	-0.1	-0.6	0.1	-0.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0272	Residential	Ground	NE	52	48	52	47	53	48	52	48	-0.5	-0.9	-0.3	-0.6	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0272	Residential	Ground	NW	43	38	44	39	43	39	44	39	0.8	0.6	1.1	0.8	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0272	Residential	Ground	NE	46	41	47	42	46	42	47	43	0.9	0.3	1.1	0.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0272	Residential	Ground	NW	43	39	45	40	44	39	45	41	1.5	1.4	1.6	1.6	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0272	Residential	Ground	SE	54	50	54	50	55	50	55	50	0.1	-0.2	0.2	0	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0272	Residential	Ground	SE	54	50	54	49	54	50	55	50	0	-0.3	0.1	0	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0272	Residential	Ground	SE	54	50	54	50	55	50	55	50	0.1	-0.2	0.2	0	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0273	Residential	Ground	NW	44	39	45	41	44	40	46	41	1.5	1.4	1.6	1.6	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0273	Residential	Ground	SW	44	40	45	41	45	40	46	42	1.3	1.2	1.5	1.4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0273	Residential	Ground	NW	43	38	44	40	43	39	45	40	1.3	1.2	1.5	1.4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0273	Residential	Ground	SW	53	48	53	48	53	49	53	49	0	-0.2	0.2	0	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0273	Residential	Ground	SE	55	50	54	50	55	51	55	50	-0.2	-0.4	0	-0.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0273	Residential	Ground	SE	54	50	54	49	55	50	55	50	-0.2	-0.4	-0.1	-0.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0273	Residential	Ground	SE	55	50	54	50	55	51	55	50	-0.1	-0.4	0.1	-0.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0273	Residential	Ground	NE	52	48	51	47	53	48	52	47	-0.6	-1.1	-0.5	-0.8	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0274	Residential	Ground	NE	53	48	52	48	53	49	53	48	-0.4	-0.8	-0.2	-0.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0274	Residential	Ground	NW	47	42	48	43	47	43	48	44	0.8	0.6	1	0.8	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0274	Residential	Ground	NW	46	42	47	42	47	42	48	43	0.7	0.4	0.9	0.7	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0274	Residential	Ground	NW	47	42	48	43	47	43	48	44	0.9	0.7	1.1	1	55	50	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14A	NCA14A.RES.0274	Residential	Ground	SW	53	48	53	48	53	49	53	49	0	-0.2	0.2	0	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0274	Residential	Ground	SE	54	49	54	49	54	50	54	50	0	-0.2	0.1	0	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0274	Residential	Ground	SE	53	49	53	49	54	49	54	49	0	-0.2	0.2	0	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0274	Residential	Ground	SW	54	50	54	49	55	50	55	50	-0.1	-0.4	0	-0.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0274	Residential	Ground	SE	54	50	54	50	55	50	55	50	0	-0.3	0.2	0	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0274	Residential	Ground	SE	54	49	53	49	54	50	54	49	-0.2	-0.5	0	-0.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0274	Residential	Ground	SE	54	50	54	49	55	50	55	50	-0.1	-0.4	0	-0.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0274	Residential	Ground	SE	54	49	54	49	54	50	54	49	-0.3	-0.7	-0.2	-0.4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0274	Residential	Ground	SE	55	50	54	50	55	51	55	50	-0.3	-0.6	-0.1	-0.4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0275	Residential	Ground	N	47	43	47	42	47	43	48	44	0.6	-0.2	0.8	0.4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0275	Residential	Ground	W	42	38	43	38	42	38	44	39	1	0.8	1.2	1	54	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0275	Residential	Ground	N	42	37	43	38	42	38	43	39	0.8	0.7	1.1	0.9	54	49	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0275	Residential	Ground	W	49	44	50	45	49	45	50	46	1	0.8	1.2	1.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0275	Residential	Ground	S	54	50	54	49	55	50	55	50	-0.2	-0.6	-0.1	-0.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0275	Residential	Ground	E	54	49	53	48	54	50	54	49	-0.5	-0.8	-0.3	-0.6	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0275	Residential	Ground	S	54	50	54	49	55	50	55	50	-0.4	-0.8	-0.3	-0.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0275	Residential	Ground	E	53	49	53	48	54	49	53	49	-0.5	-0.8	-0.4	-0.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0275	Residential	Ground	N	47	42	47	42	47	43	48	43	0.5	-0.2	0.7	0.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0275	Residential	Ground	E	47	43	48	43	48	44	49	44	0.5	-0.1	0.8	0.4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0276	Residential	Ground	NW	47	43	48	43	47	43	48	44	0.7	0.4	0.9	0.8	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0276	Residential	Ground	NE	49	44	49	45	49	45	50	46	0.7	0.3	1	0.7	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0276	Residential	Ground	NW	48	44	49	44	48	44	50	45	0.9	0.7	1.2	1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0276	Residential	Ground	SW	52	48	52	48	53	48	53	48	0.1	-0.1	0.3	0.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0276	Residential	Ground	SW	50	46	51	47	51	47	52	47	0.7	0.5	0.8	0.6	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0276	Residential	Ground	SW	53	49	53	48	54	49	54	49	-0.1	-0.3	0.1	-0.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0276	Residential	Ground	SE	55	50	54	49	55	51	55	50	-0.6	-1	-0.6	-0.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0276	Residential	Ground	SE	54	50	54	49	54	50	54	50	-0.3	-0.6	-0.2	-0.4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0276	Residential	Ground	NE	51	46	51	46	51	47	52	47	0.2	-0.2	0.4	0.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0276	Residential	Ground	SE	52	47	52	47	52	48	53	48	0.1	-0.3	0.3	0.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0276	Residential	Ground	NE	52	48	52	47	52	48	53	48	-0.1	-0.5	0.1	-0.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0277	Residential	Ground	NE	51	47	52	47	52	47	52	48	0.2	-0.1	0.4	0.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0277	Residential	Ground	NE	55	50	54	49	55	51	54	49	-1.2	-1.6	-1	-1.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0277	Residential	Ground	NW	48	43	48	43	48	44	49	44	0.4	0.1	0.6	0.4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0277	Residential	Ground	SW	54	49	53	48	54	50	54	49	-0.6	-0.9	-0.4	-0.7	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0277	Residential	Ground	SE	54	50	54	49	54	50	54	49	-0.4	-0.7	-0.2	-0.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0277	Residential	Ground	SE	53	49	53	48	53	49	53	49	-0.2	-0.5	0	-0.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0277	Residential	Ground	SE	52	47	52	47	52	48	53	48	0.2	-0.2	0.3	0.1	55	50	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA14A	NCA14A.RES.0278	Residential	Ground	SE	57	52	55	50	57	53	56	51	-1.8	-2.4	-1.7	-2.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0278	Residential	Ground	NE	57	52	55	50	57	53	55	50	-2	-2.5	-1.9	-2.4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0278	Residential	Ground	SE	57	52	55	50	57	53	56	51	-1.7	-2.2	-1.6	-2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0278	Residential	Ground	NE	57	52	55	50	57	53	55	50	-1.8	-2.4	-1.8	-2.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0278	Residential	Ground	NW	48	44	49	44	49	44	49	44	0.1	-0.2	0.3	0	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0278	Residential	Ground	NW	48	44	49	44	49	44	49	44	0.2	-0.2	0.4	0.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0278	Residential	Ground	NW	48	44	49	44	49	44	49	44	0.2	-0.1	0.4	0.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0278	Residential	Ground	NW	50	46	50	46	51	46	51	46	0.2	-0.2	0.3	0.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0278	Residential	Ground	SW	55	50	54	49	55	51	54	50	-0.9	-1.1	-0.6	-0.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0278	Residential	Ground	SE	55	50	54	49	55	51	54	50	-0.9	-1.1	-0.7	-0.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0278	Residential	Ground	SW	54	50	54	49	55	50	54	49	-0.7	-1	-0.6	-0.8	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0278	Residential	Ground	NW	50	46	50	45	50	46	51	46	0	-0.3	0.2	0	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0278	Residential	Ground	SW	55	51	54	50	56	51	55	50	-1.1	-1.5	-1.1	-1.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0278	Residential	Ground	SE	58	54	56	51	58	54	57	52	-1.8	-2.4	-1.8	-2.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0278	Residential	Ground	NE	57	53	55	50	58	53	55	51	-2.2	-2.9	-2.1	-2.6	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0278	Residential	Ground	NW	49	44	49	44	49	45	50	45	0	-0.4	0.1	-0.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.0278	Residential	Ground	NE	56	51	54	49	56	52	54	50	-1.8	-2.5	-1.8	-2.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2368	Residential	Ground	W	51	46	55	50	51	47	55	51	4	3.9	4.3	4.1	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2368	Residential	Ground	S	52	48	56	52	53	48	57	52	3.9	3.7	4.1	3.9	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2368	Residential	Ground	E	52	48	56	51	53	48	57	52	3.6	3.5	3.9	3.7	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2368	Residential	Ground	N	50	45	52	47	50	46	52	48	2.2	2	2.3	2.2	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2369	Residential	Ground	NW	51	46	55	50	51	47	55	51	3.9	3.9	4.2	4	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2369	Residential	Ground	SW	52	48	56	51	52	48	57	52	3.8	3.6	4.1	3.9	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2369	Residential	Ground	SE	52	47	55	50	52	48	56	51	3.3	3.2	3.5	3.3	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2369	Residential	Ground	NE	50	45	52	47	50	46	53	48	2.1	2	2.4	2.1	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2370	Residential	Ground	NW	49	45	53	49	49	45	54	49	4.1	4	4.4	4.2	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2370	Residential	Ground	SW	51	46	54	50	51	47	55	51	3.6	3.5	3.8	3.6	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2370	Residential	Ground	SE	51	47	55	50	52	48	55	51	3.3	3.2	3.6	3.4	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2370	Residential	Ground	NE	50	45	52	47	50	46	52	48	2.1	1.9	2.2	2.1	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2371	Residential	Ground	NW	48	44	51	47	49	44	52	48	3.2	3.1	3.5	3.2	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2371	Residential	Ground	SW	50	46	53	49	51	46	54	49	3	2.9	3.2	3	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2371	Residential	Ground	SE	51	47	54	50	52	47	55	51	3.1	3	3.3	3.2	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2371	Residential	Ground	NE	50	45	52	47	50	46	52	48	1.9	1.7	2	1.8	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2372	Residential	Ground	W	50	46	55	50	50	46	55	51	4.9	4.7	5	4.9	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2372	Residential	Ground	S	52	48	57	52	53	49	57	53	4.1	4	4.4	4.2	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2372	Residential	Ground	E	53	48	57	52	53	49	57	53	3.9	3.7	4	3.8	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2372	Residential	Ground	N	49	45	52	48	50	46	53	48	2.6	2.5	2.9	2.7	58	53	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA14A	NCA14A.RES.2373	Residential	Ground	W	50	45	54	50	50	46	55	51	4.7	4.5	4.9	4.7	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2373	Residential	Ground	S	49	45	52	48	50	45	53	48	3	2.9	3.2	3.1	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2373	Residential	Ground	E	52	48	55	51	52	48	56	51	3.2	3.1	3.4	3.3	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2373	Residential	Ground	N	49	45	52	47	50	46	53	48	2.5	2.3	2.7	2.5	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2374	Residential	Ground	W	50	45	54	50	50	46	55	51	4.7	4.5	4.9	4.8	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2374	Residential	Ground	S	50	46	53	48	50	46	54	49	3	2.9	3.3	3.1	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2374	Residential	Ground	E	52	48	55	51	52	48	56	51	3.1	3	3.4	3.2	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2374	Residential	Ground	N	49	45	52	47	50	46	52	48	2.3	2.2	2.6	2.3	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2375	Residential	Ground	NW	50	45	54	50	50	46	55	50	4.6	4.4	4.9	4.7	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2375	Residential	Ground	SW	50	46	53	49	50	46	54	49	3.1	3	3.2	3	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2375	Residential	Ground	SE	52	48	55	51	52	48	56	51	3.2	3.1	3.4	3.2	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2375	Residential	Ground	NE	50	46	52	48	50	46	53	48	2.2	2	2.4	2.2	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2376	Residential	Ground	NW	49	45	54	50	50	46	55	50	4.6	4.4	4.7	4.5	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2376	Residential	Ground	SW	50	46	53	49	51	46	54	50	3.2	3.1	3.3	3.2	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2376	Residential	Ground	SE	52	48	55	51	52	48	56	51	3.2	3.1	3.5	3.3	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2376	Residential	Ground	NE	50	45	52	47	50	46	53	48	2.2	2.1	2.4	2.2	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2377	Residential	Ground	NW	50	45	54	49	50	46	54	50	4.2	4.1	4.4	4.3	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2377	Residential	Ground	SW	50	46	53	49	50	46	54	49	3.1	3	3.2	3.1	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2377	Residential	Ground	SE	52	48	55	51	52	48	56	51	3.3	3.2	3.5	3.2	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2377	Residential	Ground	NE	50	46	52	48	51	46	53	48	2	1.9	2.2	2	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2378	Residential	Ground	W	51	47	55	51	51	47	56	52	4.4	4.2	4.7	4.5	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2378	Residential	Ground	S	53	49	57	53	53	49	58	53	4.2	4	4.4	4.2	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2378	Residential	Ground	E	53	49	57	53	54	49	58	53	3.9	3.8	4.2	4	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2378	Residential	Ground	N	49	45	52	47	50	45	52	48	2.5	2.4	2.7	2.5	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2379	Residential	Ground	W	50	46	55	50	51	47	55	51	4.2	4	4.4	4.2	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2379	Residential	Ground	S	50	46	53	49	50	46	54	49	3	2.9	3.3	3.1	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2379	Residential	Ground	E	52	48	56	51	53	49	57	52	3.5	3.4	3.7	3.5	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2379	Residential	Ground	N	50	45	52	47	50	46	53	48	2.2	2	2.4	2.2	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2380	Residential	Ground	W	50	46	54	50	51	47	55	51	4.1	4	4.3	4.1	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2380	Residential	Ground	S	51	47	54	50	51	47	55	51	3.5	3.4	3.8	3.6	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2380	Residential	Ground	E	52	48	56	51	52	48	56	52	3.5	3.5	3.8	3.6	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2380	Residential	Ground	N	50	46	52	47	50	46	53	48	2	1.8	2.2	2	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2381	Residential	Ground	NW	50	46	54	49	50	46	55	50	3.8	3.7	4.1	3.9	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2381	Residential	Ground	SW	51	47	55	51	52	48	56	52	3.9	3.8	4.1	3.9	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2381	Residential	Ground	SE	52	48	55	51	53	48	56	51	3.2	3.1	3.4	3.2	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2381	Residential	Ground	NE	50	45	52	47	50	46	52	48	2.3	2.1	2.5	2.3	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2382	Residential	Ground	NW	47	43	50	46	48	43	51	47	3.3	3.2	3.5	3.4	58	53	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA14A	NCA14A.RES.2382	Residential	Ground	SW	50	46	53	49	50	46	54	49	3.2	3.1	3.4	3.3	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2382	Residential	Ground	SE	52	48	55	51	53	48	56	52	3	2.9	3.2	3.1	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2382	Residential	Ground	NE	49	45	51	47	50	45	52	48	2.4	2.3	2.6	2.4	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2383	Residential	Ground	NW	50	45	54	49	50	46	54	50	3.7	3.6	4	3.8	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2383	Residential	Ground	SW	49	45	52	47	49	45	52	48	2.8	2.6	3	2.8	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2383	Residential	Ground	SE	53	48	55	51	53	49	56	52	2.9	2.9	3.1	2.9	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2383	Residential	Ground	NE	49	45	51	47	50	45	52	48	2.2	2	2.3	2.1	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2384	Residential	Ground	NW	50	45	54	49	50	46	54	50	3.8	3.6	3.9	3.9	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2384	Residential	Ground	SW	49	45	52	48	50	45	53	48	2.7	2.7	3	2.8	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2384	Residential	Ground	SE	53	48	55	51	53	49	56	52	2.7	2.6	2.9	2.8	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2384	Residential	Ground	NE	51	47	52	47	51	47	53	48	1	0.8	1.2	1	58	53	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2385	Residential	Ground	N	56	52	54	49	57	52	55	50	-2	-2.6	-2	-2.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2385	Residential	Ground	E	57	53	55	50	58	53	56	51	-1.8	-2.4	-1.8	-2.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2385	Residential	Ground	N	55	51	53	48	56	51	54	49	-1.7	-2.3	-1.7	-2.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2385	Residential	Ground	W	53	48	52	47	53	49	52	48	-0.8	-1.2	-0.8	-1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2385	Residential	Ground	W	51	47	50	45	51	47	51	46	-0.8	-1.2	-0.7	-1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2385	Residential	Ground	W	54	49	52	47	54	50	53	48	-1.4	-1.7	-1.2	-1.6	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2385	Residential	Ground	W	51	47	50	45	51	47	51	46	-0.8	-1.2	-0.7	-1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2385	Residential	Ground	W	58	54	56	51	58	54	56	51	-2.4	-3	-2.5	-2.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2385	Residential	Ground	W	58	54	56	51	59	54	56	51	-2.6	-3.2	-2.5	-3.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2385	Residential	Ground	W	58	54	56	51	59	54	56	51	-2.5	-3.1	-2.5	-3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2385	Residential	Ground	W	58	54	55	50	59	54	56	51	-2.7	-3.2	-2.7	-3.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2385	Residential	Ground	W	59	54	56	51	59	55	57	52	-2.7	-3.3	-2.7	-3.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2385	Residential	Ground	W	59	54	56	51	59	55	56	51	-2.8	-3.4	-2.9	-3.4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2385	Residential	Ground	W	60	56	57	52	60	56	57	52	-3	-3.5	-3	-3.6	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2385	Residential	Ground	S	63	58	60	54	63	59	60	55	-3	-3.7	-3.1	-3.6	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2385	Residential	Ground	E	60	56	58	53	60	56	58	53	-2.5	-3.1	-2.5	-3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2385	Residential	Ground	S	60	55	57	52	60	56	58	53	-2.4	-3	-2.4	-2.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2385	Residential	Ground	E	59	55	57	52	60	55	58	53	-2.3	-2.8	-2.2	-2.7	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2386	Residential	Ground	NW	55	50	53	48	55	51	53	48	-1.9	-2.4	-1.9	-2.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2386	Residential	Ground	SW	67	62	63	58	67	63	64	59	-3.5	-4.3	-3.6	-4.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2386	Residential	Ground	SE	70	66	67	61	71	66	67	62	-3.5	-4.3	-3.6	-4.4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2386	Residential	Ground	NE	65	61	62	57	66	61	62	57	-3.3	-4.2	-3.4	-4.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2387	Residential	Ground	NW	57	53	55	50	58	53	55	50	-2.6	-3.2	-2.6	-3.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2387	Residential	Ground	SW	64	60	61	56	65	60	61	56	-3.3	-4.1	-3.3	-4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2387	Residential	Ground	SE	71	66	67	62	71	67	67	62	-3.5	-4.4	-3.6	-4.4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2387	Residential	Ground	NE	64	59	60	55	64	60	61	56	-3.2	-4	-3.3	-4	55	50	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14A	NCA14A.RES.2388	Residential	Ground	NW	54	50	52	47	54	50	53	48	-1.8	-2.3	-1.7	-2.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2388	Residential	Ground	SW	63	59	60	55	64	59	60	55	-3.1	-3.9	-3.2	-3.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2388	Residential	Ground	SE	69	64	65	60	69	65	66	60	-3.4	-4.3	-3.5	-4.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2388	Residential	Ground	NE	65	61	62	57	66	61	62	57	-3.3	-4.2	-3.4	-4.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2388A	Residential	Ground	NW	54	50	53	48	55	50	53	48	-1.9	-2.4	-1.8	-2.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2388A	Residential	Ground	SW	63	58	60	55	63	59	60	55	-3.1	-3.9	-3.2	-3.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2388A	Residential	Ground	SE	71	66	67	62	71	67	68	62	-3.4	-4.3	-3.6	-4.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2388A	Residential	Ground	NE	65	61	62	57	66	61	62	57	-3.3	-4.1	-3.4	-4.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2388A	Residential	Ground	SE	63	59	60	55	63	59	60	55	-3.1	-3.9	-3.2	-3.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2388A	Residential	Ground	SW	65	60	62	56	65	61	62	57	-3.3	-4.1	-3.3	-4.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2388A	Residential	Ground	SE	71	66	67	62	71	67	68	62	-3.4	-4.3	-3.5	-4.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2388A	Residential	Ground	NE	67	62	63	58	67	63	64	59	-3.4	-4.2	-3.4	-4.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2389	Residential	Ground	NW	51	47	50	46	52	47	51	46	-0.8	-1.1	-0.6	-0.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2389	Residential	Ground	SW	58	54	56	51	59	54	57	52	-2.2	-2.7	-2.2	-2.6	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2389	Residential	Ground	SE	61	56	58	53	61	57	59	54	-2.5	-3.1	-2.5	-2.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2389	Residential	Ground	NE	57	53	55	50	58	53	56	51	-1.9	-2.5	-1.9	-2.4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2389	Residential	Ground	SE	57	52	55	50	57	53	56	51	-1.8	-2.2	-1.7	-2.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2389	Residential	Ground	NE	57	52	55	50	57	53	55	51	-1.7	-2.2	-1.6	-2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2390	Residential	Ground	NW	51	47	51	46	52	47	52	47	-0.5	-0.8	-0.3	-0.6	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2390	Residential	Ground	SW	57	52	55	51	57	53	56	51	-1.5	-1.9	-1.5	-1.8	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2390	Residential	Ground	SE	57	53	56	51	58	53	56	51	-1.5	-2	-1.5	-1.8	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2390	Residential	Ground	SW	58	53	56	51	58	54	56	51	-1.7	-2.1	-1.6	-2.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2390	Residential	Ground	SE	59	54	57	52	59	55	57	53	-1.9	-2.3	-1.8	-2.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2390	Residential	Ground	NE	56	52	55	50	57	52	55	50	-1.6	-2.1	-1.6	-2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2390	Residential	Ground	SE	57	53	56	51	58	53	56	51	-1.6	-2.1	-1.5	-1.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2390	Residential	Ground	NE	56	52	54	50	57	52	55	50	-1.7	-2.2	-1.5	-1.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2390	Residential	Ground	SE	51	46	50	45	51	47	51	46	-0.7	-1.1	-0.6	-0.8	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2390	Residential	Ground	NW	50	46	50	45	51	46	50	46	-0.7	-1	-0.6	-0.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2390	Residential	Ground	NW	51	46	50	45	51	46	50	46	-0.7	-1.1	-0.6	-0.8	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2390	Residential	Ground	NE	55	51	54	49	56	51	54	50	-1.6	-2.1	-1.5	-1.8	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2391	Residential	Ground	W	55	51	54	49	56	51	54	49	-1.8	-2.4	-1.9	-2.2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2391	Residential	Ground	W	56	52	54	49	57	52	55	50	-2.2	-2.7	-2.1	-2.6	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2391	Residential	Ground	S	65	61	62	57	66	61	62	57	-3.3	-4.1	-3.4	-4.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2391	Residential	Ground	E	64	60	61	56	65	60	62	56	-3.1	-3.9	-3.2	-3.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2391	Residential	Ground	N	56	52	55	50	57	52	55	50	-1.9	-2.5	-1.9	-2.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2391	Residential	Ground	N	54	49	52	47	54	50	53	48	-1.6	-2.2	-1.6	-1.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2391	Residential	Ground	N	56	51	54	49	56	52	54	49	-1.9	-2.5	-1.8	-2.3	55	50	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14A	NCA14A.RES.2392	Residential	Ground	SW	64	60	61	56	65	60	62	56	-3.2	-4	-3.2	-4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2392	Residential	Ground	SE	69	65	66	61	70	65	66	61	-3.4	-4.3	-3.5	-4.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2392	Residential	Ground	NE	66	61	62	57	66	62	63	58	-3.3	-4.2	-3.4	-4.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2392	Residential	Ground	NW	55	50	53	48	55	51	53	48	-1.9	-2.6	-1.9	-2.3	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2393	Residential	Ground	NW	53	49	52	47	54	49	52	47	-1.7	-2.2	-1.6	-2	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2393	Residential	Ground	SW	65	60	62	56	65	61	62	57	-3.3	-4	-3.3	-4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2393	Residential	Ground	SE	69	64	65	60	69	65	66	61	-3.4	-4.2	-3.4	-4.1	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2393	Residential	Ground	NE	65	61	62	57	66	61	62	57	-3.3	-4.1	-3.4	-4	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2394	Residential	Ground	NE	64	59	60	55	64	60	61	56	-3.2	-4	-3.3	-3.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2394	Residential	Ground	NW	53	49	52	47	54	49	52	47	-1.6	-2.1	-1.5	-1.9	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2394	Residential	Ground	SW	62	58	59	54	62	58	59	54	-3	-3.7	-3	-3.5	55	50	NO	NO	NO	NO	NO
NCA14A	NCA14A.RES.2394	Residential	Ground	SE	68	63	64	59	68	64	65	59	-3.4	-4.1	-3.4	-4.1	55	50	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0001	Residential	Ground	NE	57	54	57	53	58	54	58	55	0.3	-0.6	0.6	0.5	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0001	Residential	Ground	SE	58	54	59	54	58	55	59	56	0.8	-0.1	1.2	0.8	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0001	Residential	Ground	NE	56	53	56	52	57	54	57	54	0.1	-0.8	0.5	0.2	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0001	Residential	Ground	NW	51	48	51	46	52	48	52	48	-0.2	-1.4	0.3	0	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0001	Residential	Ground	NW	46	42	45	40	47	43	46	42	-0.8	-1.6	-0.5	-0.8	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0001	Residential	Ground	NW	48	44	47	43	49	45	48	44	-0.7	-1.5	-0.3	-0.5	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0001	Residential	Ground	NW	45	41	46	41	46	42	46	43	0.6	-0.3	0.9	0.7	58	53	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0001	Residential	Ground	NW	51	47	50	45	51	48	51	46	-1.2	-2.3	-0.7	-1.1	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0001	Residential	Ground	SW	56	53	59	54	57	53	60	55	2.3	1.3	2.6	2.1	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0001	Residential	Ground	SW	57	53	59	55	58	54	60	56	2.1	1.1	2.4	1.9	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0001	Residential	Ground	SE	59	55	60	56	59	56	61	57	1.7	0.7	2	1.5	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0002	Residential	Ground	W	49	46	53	48	50	46	53	49	3.3	2.4	3.5	3	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0002	Residential	Ground	S	56	53	59	55	57	53	60	56	2.7	1.7	3	2.5	60	55	NO	NO	NO	NO	YES
NCA14B	NCA14B.RES.0002	Residential	Ground	S	55	52	59	54	56	52	59	55	3.2	2.2	3.4	2.9	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0002	Residential	Ground	S	58	54	60	55	58	55	61	57	2.1	1.2	2.4	2	60	55	NO	NO	NO	NO	YES
NCA14B	NCA14B.RES.0002	Residential	Ground	E	58	54	60	55	58	55	61	57	1.8	0.9	2.2	1.8	60	55	NO	NO	NO	NO	YES
NCA14B	NCA14B.RES.0002	Residential	Ground	N	54	51	54	50	55	51	55	51	0	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0002	Residential	Ground	N	53	50	53	49	54	50	54	50	0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0002	Residential	Ground	N	54	50	54	50	54	51	55	51	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0002	Residential	Ground	E	55	51	55	50	55	52	56	52	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0002	Residential	Ground	N	53	50	53	49	54	50	54	51	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0003	Residential	Ground	N	52	48	52	48	52	49	53	49	0.4	-0.6	0.8	0.5	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0003	Residential	Ground	E	52	49	52	48	53	49	53	50	0.4	-0.6	0.8	0.5	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0003	Residential	Ground	N	52	49	52	48	52	49	53	50	0.3	-0.6	0.8	0.5	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0003	Residential	Ground	W	51	47	54	50	51	48	55	51	3.9	3	4.1	3.6	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA14B	NCA14B.RES.0003	Residential	Ground	S	55	52	58	54	56	52	59	55	2.9	1.9	3.1	2.6	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0003	Residential	Ground	E	55	51	58	53	55	52	59	54	2.9	2	3.3	2.7	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0003	Residential	Ground	S	54	51	57	52	55	51	58	54	2.5	1.6	2.9	2.4	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0003	Residential	Ground	E	53	50	55	50	54	50	56	52	1.8	0.8	2.2	1.7	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0004	Residential	Ground	N	52	49	52	48	52	49	53	50	0.3	-0.6	0.8	0.5	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0004	Residential	Ground	W	50	47	54	49	51	47	54	50	3.2	2.2	3.4	2.8	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0004	Residential	Ground	S	55	51	57	52	55	52	58	53	1.9	0.9	2.2	1.7	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0004	Residential	Ground	W	53	49	55	50	53	50	55	51	1.7	0.6	1.9	1.4	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0004	Residential	Ground	S	56	53	59	54	57	53	60	56	2.6	1.6	2.8	2.3	60	55	NO	NO	NO	NO	YES
NCA14B	NCA14B.RES.0004	Residential	Ground	E	53	50	57	52	54	50	58	53	3.8	2.8	4.1	3.5	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0005	Residential	Ground	N	51	48	52	47	52	49	53	49	0.4	-0.6	0.8	0.5	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0005	Residential	Ground	W	47	44	48	44	48	44	49	45	1	0.1	1.3	1	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0005	Residential	Ground	N	51	48	52	47	52	48	53	49	0.4	-0.6	0.8	0.6	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0005	Residential	Ground	W	53	49	55	50	53	49	55	51	2	1.1	2.3	1.8	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0005	Residential	Ground	S	54	50	54	50	55	51	55	51	0.1	-0.7	0.6	0.3	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0005	Residential	Ground	E	55	51	56	52	55	52	57	53	1.7	0.7	2	1.6	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0005	Residential	Ground	S	55	51	56	52	55	52	57	53	1.8	0.9	2.2	1.7	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0005	Residential	Ground	S	55	51	58	53	55	52	58	54	2.8	1.8	3.1	2.6	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0005	Residential	Ground	S	55	52	58	54	56	52	59	55	2.5	1.6	2.8	2.3	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0005	Residential	Ground	E	54	51	57	53	55	51	58	54	3.1	2.2	3.4	2.9	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0006	Residential	Ground	N	52	48	52	48	52	49	53	49	0.4	-0.6	0.7	0.5	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0006	Residential	Ground	W	52	48	54	50	52	49	55	51	2.7	1.7	3	2.5	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0006	Residential	Ground	S	56	52	58	54	56	53	59	55	2.2	1.2	2.5	2.1	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0006	Residential	Ground	E	55	51	58	53	55	52	58	54	2.9	2	3.3	2.7	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0006	Residential	Ground	N	50	47	51	47	51	47	52	48	0.5	-0.3	0.9	0.6	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0006	Residential	Ground	E	51	48	52	48	52	48	53	49	1.1	0.1	1.4	1.1	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0006	Residential	Ground	S	53	50	56	51	54	50	57	53	2.5	1.5	2.8	2.2	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0006	Residential	Ground	E	53	50	57	52	54	50	57	53	3.2	2.2	3.5	2.9	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0007	Residential	Ground	N	50	47	51	46	51	48	51	48	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0007	Residential	Ground	W	51	48	53	48	52	48	53	49	1.3	0.2	1.6	1.1	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0007	Residential	Ground	S	47	44	49	44	48	44	50	46	1.5	0.6	1.9	1.4	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0007	Residential	Ground	W	47	43	52	48	47	44	53	49	5.5	4.6	5.7	5.1	59	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0007	Residential	Ground	S	55	52	58	53	56	52	59	55	2.7	1.7	3	2.4	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0007	Residential	Ground	E	53	50	57	52	54	50	57	53	3.4	2.5	3.7	3.1	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0806	Residential	Ground	W	51	47	51	46	52	48	52	47	-0.4	-1.6	-0.1	-0.5	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0806	Residential	Ground	S	56	52	58	53	56	52	58	54	2	1	2.3	1.8	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0806	Residential	Ground	E	55	52	57	53	56	52	58	54	2	1	2.3	1.8	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14B	NCA14B.RES.0806	Residential	Ground	N	51	48	52	47	52	48	53	49	0.4	-0.6	0.8	0.6	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0806	Residential	Ground	W	46	42	47	42	46	42	48	44	1.3	0.3	1.6	1.2	58	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0806	Residential	Ground	N	50	46	50	46	50	47	51	48	0.5	-0.5	0.9	0.6	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0807	Residential	Ground	W	46	42	48	43	47	43	49	44	1.4	0.5	1.7	1.3	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0807	Residential	Ground	N	46	42	47	43	46	43	48	44	1.3	0.5	1.7	1.3	58	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0807	Residential	Ground	W	52	48	52	47	52	49	52	48	-0.3	-1.4	0.1	-0.3	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0807	Residential	Ground	S	53	49	55	50	53	50	56	52	2.1	1.1	2.4	1.9	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0807	Residential	Ground	E	55	51	56	52	55	52	57	53	1.6	0.7	2	1.5	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0807	Residential	Ground	N	50	47	51	46	51	47	52	48	0.5	-0.4	0.8	0.6	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0808	Residential	Ground	W	52	48	51	46	52	48	52	48	-0.4	-1.5	0	-0.4	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0808	Residential	Ground	S	53	50	55	51	54	50	56	52	2	1.1	2.4	1.9	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0808	Residential	Ground	E	54	51	57	52	55	51	58	54	2.3	1.4	2.6	2.1	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0808	Residential	Ground	N	48	44	49	44	48	45	49	45	1	0	1.3	0.9	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0809	Residential	Ground	W	49	44	49	44	49	45	50	45	0.2	-0.6	0.4	0.1	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0809	Residential	Ground	N	46	42	47	42	46	42	48	44	1.5	0.5	1.7	1.3	58	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0809	Residential	Ground	W	52	49	52	47	53	49	53	49	-0.2	-1.5	0.1	-0.4	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0809	Residential	Ground	S	52	48	53	49	52	49	54	50	1.3	0.4	1.7	1.2	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0809	Residential	Ground	E	54	51	56	51	55	51	57	53	1.7	0.7	2	1.5	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0809	Residential	Ground	E	53	50	55	50	54	50	56	52	1.5	0.6	1.9	1.4	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0809	Residential	Ground	E	54	51	56	52	55	51	57	53	2	1.1	2.3	1.9	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0809	Residential	Ground	N	49	46	50	46	50	46	51	47	0.8	0	1.2	0.9	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0810	Residential	Ground	W	52	48	51	46	52	48	52	47	-0.7	-2	-0.3	-0.8	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0810	Residential	Ground	W	48	43	48	43	48	44	49	44	0.3	-0.4	0.6	0.2	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0810	Residential	Ground	W	52	49	53	48	53	49	54	49	0.2	-1	0.5	0	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0810	Residential	Ground	W	52	48	52	47	53	49	53	48	-0.2	-1.5	0.2	-0.4	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0810	Residential	Ground	W	53	49	53	48	53	49	54	50	0.3	-0.9	0.7	0.1	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0810	Residential	Ground	S	55	51	57	52	55	52	57	53	1.9	1	2.3	1.8	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0810	Residential	Ground	E	56	52	58	53	56	53	59	55	2.2	1.2	2.6	2	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0810	Residential	Ground	E	55	52	58	53	56	53	59	55	2.3	1.3	2.6	2.1	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0810	Residential	Ground	E	56	52	58	53	56	53	59	55	2.3	1.2	2.6	2	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0810	Residential	Ground	E	53	49	55	50	53	50	56	52	1.8	0.9	2.2	1.7	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0810	Residential	Ground	N	53	49	55	50	53	50	56	52	1.8	0.9	2.1	1.7	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0810	Residential	Ground	N	50	46	50	46	50	47	51	47	0.8	-0.1	1.1	0.8	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0810	Residential	Ground	N	48	45	49	45	49	45	50	46	0.9	0	1.2	0.9	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0811	Residential	Ground	W	53	49	53	48	53	50	54	50	0.3	-0.8	0.7	0.2	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0811	Residential	Ground	S	55	51	57	52	56	52	58	54	1.8	0.9	2.2	1.7	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0811	Residential	Ground	E	55	52	57	53	56	52	58	54	2.5	1.5	2.8	2.3	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA14B	NCA14B.RES.0811	Residential	Ground	N	49	45	49	45	49	46	50	46	0.7	-0.1	1.1	0.8	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0812	Residential	Ground	W	50	46	50	45	50	46	51	47	0.3	-0.8	0.6	0.1	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0812	Residential	Ground	N	46	42	48	43	47	43	48	44	1.4	0.5	1.7	1.3	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0812	Residential	Ground	W	52	49	54	49	53	49	55	50	1.3	0.2	1.6	1.1	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0812	Residential	Ground	S	51	47	52	47	51	47	53	49	1.4	0.4	1.7	1.3	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0812	Residential	Ground	E	53	50	55	51	54	50	56	52	2.2	1.2	2.5	2	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0812	Residential	Ground	N	48	45	49	45	49	45	50	46	0.8	-0.1	1.1	0.8	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0813	Residential	Ground	N	49	45	50	45	49	46	51	47	0.9	0	1.2	0.9	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0813	Residential	Ground	W	49	46	50	46	50	46	51	47	0.9	-0.2	1.3	0.8	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0813	Residential	Ground	S	54	50	56	51	54	51	57	52	1.9	0.9	2.2	1.7	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0813	Residential	Ground	E	54	51	56	52	55	51	57	53	2.1	1	2.4	1.9	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0813	Residential	Ground	N	51	47	52	48	51	48	53	49	1.5	0.6	1.9	1.4	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0813	Residential	Ground	E	52	49	55	50	53	49	55	51	2.2	1.1	2.4	2	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0814	Residential	Ground	N	49	45	50	45	49	46	51	47	0.8	0	1.2	0.9	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0814	Residential	Ground	W	50	47	51	46	51	47	52	47	0.5	-0.7	0.8	0.3	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0814	Residential	Ground	S	53	50	54	50	54	50	55	51	1.1	0	1.4	1	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0814	Residential	Ground	E	54	50	56	52	55	51	57	53	2.1	1.1	2.4	1.9	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0814	Residential	Ground	E	54	50	56	51	54	51	57	53	2.2	1.1	2.5	1.9	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0814	Residential	Ground	E	54	51	57	52	55	51	57	53	2.6	1.5	2.8	2.2	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0814	Residential	Ground	E	54	50	56	52	54	51	57	53	2.7	1.7	2.9	2.4	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0815	Residential	Ground	W	51	47	51	46	52	48	52	48	0.1	-0.9	0.5	0.1	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0815	Residential	Ground	S	55	51	56	52	55	51	57	53	1.6	0.8	2	1.6	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0815	Residential	Ground	E	54	51	57	53	55	52	58	54	2.7	1.6	2.9	2.3	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0815	Residential	Ground	N	48	45	49	45	49	45	50	46	0.9	0	1.2	0.9	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0816	Residential	Ground	W	52	48	52	47	53	49	53	48	-0.2	-1.5	0	-0.5	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0816	Residential	Ground	S	54	51	56	52	55	51	57	53	1.9	1	2.2	1.7	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0816	Residential	Ground	E	55	51	57	53	56	52	58	54	2.5	1.5	2.7	2.2	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0816	Residential	Ground	N	49	46	50	45	50	46	51	47	0.7	-0.2	1	0.7	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0817	Residential	Ground	W	53	49	53	49	54	50	54	50	0.4	-0.7	0.8	0.3	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0817	Residential	Ground	S	55	51	57	52	55	52	58	53	1.9	0.9	2.2	1.6	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0817	Residential	Ground	E	55	51	57	53	56	52	58	54	2.5	1.6	2.8	2.3	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0817	Residential	Ground	S	55	51	57	53	55	52	58	54	2.5	1.5	2.9	2.3	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0817	Residential	Ground	E	55	51	57	53	55	52	58	54	2.4	1.5	2.8	2.2	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.0817	Residential	Ground	N	48	45	49	45	49	45	50	46	0.8	-0.2	1	0.7	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2281	Residential	Ground	W	55	51	54	49	55	51	55	51	-0.2	-1.5	0.1	-0.4	57	52	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2281	Residential	Ground	S	57	53	57	53	57	53	58	54	0.7	-0.4	1.1	0.6	57	52	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2281	Residential	Ground	E	54	51	56	51	55	51	57	53	1.8	0.7	2.1	1.5	57	52	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14B	NCA14B.RES.2281	Residential	Ground	N	48	44	49	44	49	44	50	45	1	0.3	1.2	1	57	52	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2282	Residential	Ground	W	52	48	52	47	53	49	53	49	0.3	-0.9	0.7	0.2	57	52	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2282	Residential	Ground	S	56	53	57	52	57	53	58	54	0.8	-0.4	1.1	0.5	57	52	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2282	Residential	Ground	E	51	48	53	48	52	48	54	49	1.4	0.2	1.7	1.1	57	52	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2282	Residential	Ground	N	49	44	50	44	49	45	50	46	0.9	0.2	1.3	0.9	57	52	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2283	Residential	Ground	W	53	49	53	48	53	50	54	49	-0.2	-1.6	0.2	-0.4	57	52	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2283	Residential	Ground	S	56	52	57	52	57	53	58	54	0.9	-0.3	1.2	0.7	57	52	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2283	Residential	Ground	E	53	49	54	50	53	49	55	51	1.8	0.8	2.2	1.6	57	52	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2283	Residential	Ground	N	48	44	49	44	49	44	50	45	1	0.2	1.3	0.9	57	52	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2284	Residential	Ground	NW	47	43	48	42	48	43	49	44	0.7	-0.1	0.9	0.6	57	52	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2284	Residential	Ground	NW	45	40	46	40	46	40	47	41	1.1	0.5	1.2	1	57	52	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2284	Residential	Ground	NW	45	40	46	41	46	41	47	41	1	0.4	1.2	0.8	57	52	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2284	Residential	Ground	SW	53	49	54	49	53	50	55	50	0.9	-0.3	1.3	0.7	57	52	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2284	Residential	Ground	SE	55	51	55	50	55	51	56	52	0.3	-0.9	0.7	0.2	57	52	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2284	Residential	Ground	NE	50	47	52	47	51	47	53	49	1.9	0.8	2.2	1.6	57	52	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2285	Residential	Ground	SW	53	49	53	48	53	49	54	50	0.7	-0.5	1	0.5	57	52	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2285	Residential	Ground	SE	57	53	58	53	57	54	59	54	1	-0.1	1.3	0.8	57	52	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2285	Residential	Ground	NE	49	46	51	46	50	46	52	48	1.8	0.7	2.1	1.5	57	52	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2285	Residential	Ground	NW	48	44	49	44	49	44	50	45	1	0.2	1.3	0.9	57	52	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2286	Residential	Ground	NW	48	44	49	44	49	44	50	45	1	0.2	1.3	0.9	57	52	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2286	Residential	Ground	SW	48	44	50	45	49	45	51	46	1.4	0.6	1.7	1.3	57	52	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2286	Residential	Ground	SE	55	52	57	52	56	52	58	54	1.6	0.5	1.9	1.4	57	52	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2286	Residential	Ground	NE	54	51	56	52	55	51	57	53	1.9	0.9	2.2	1.7	57	52	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2305	Residential	Ground	W	53	50	54	49	54	50	54	50	0.1	-1	0.4	0	58	53	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2305	Residential	Ground	S	55	51	55	50	55	51	56	52	0.4	-0.7	0.8	0.3	58	53	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2305	Residential	Ground	S	54	50	54	50	54	51	55	51	0.5	-0.6	0.8	0.4	58	53	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2305	Residential	Ground	S	54	51	55	50	55	51	56	52	0.6	-0.5	0.9	0.5	58	53	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2305	Residential	Ground	NE	51	47	53	49	51	48	54	50	2.2	1.2	2.5	2	58	53	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2305	Residential	Ground	N	47	43	48	44	48	44	49	45	1.1	0.2	1.4	1	58	53	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2306	Residential	Ground	N	47	43	48	44	48	44	49	45	1.1	0.2	1.4	1	58	53	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2306	Residential	Ground	W	52	48	53	48	52	49	53	49	0.6	-0.6	1	0.4	58	53	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2306	Residential	Ground	S	54	50	55	50	54	50	56	51	1	0	1.4	1	58	53	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2306	Residential	Ground	E	51	48	53	49	52	48	54	50	2.3	1.4	2.6	2.1	58	53	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2307	Residential	Ground	W	50	46	52	47	50	46	53	48	2.1	1.2	2.5	1.9	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2307	Residential	Ground	S	53	49	55	50	54	50	55	51	1.4	0.4	1.7	1.3	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2307	Residential	Ground	E	50	47	53	48	51	47	54	50	2.6	1.7	3	2.4	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2307	Residential	Ground	N	47	43	48	44	48	44	49	45	1.1	0.2	1.4	1	59	54	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14B	NCA14B.RES.2308	Residential	Ground	NW	47	43	48	43	48	44	49	45	1.1	0.2	1.4	1	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2308	Residential	Ground	N	46	42	47	42	46	42	48	44	1.5	0.7	1.7	1.4	58	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2308	Residential	Ground	N	46	42	48	43	47	43	49	44	1.3	0.4	1.6	1.2	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2308	Residential	Ground	SW	50	46	52	48	50	47	53	49	2.3	1.2	2.6	2	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2308	Residential	Ground	S	53	49	55	50	53	49	55	51	1.9	1	2.2	1.8	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2308	Residential	Ground	S	52	48	54	49	52	49	55	50	2	1.1	2.4	1.8	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2308	Residential	Ground	S	53	49	55	50	54	50	56	52	1.9	0.9	2.1	1.7	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2308	Residential	Ground	NE	49	46	52	47	50	46	53	49	2.6	1.6	2.9	2.3	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2309	Residential	Ground	SW	50	46	52	47	50	47	53	49	2.3	1.2	2.6	2.1	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2309	Residential	Ground	S	53	49	55	50	54	50	56	52	2	1	2.2	1.7	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2309	Residential	Ground	NE	52	49	55	50	53	49	55	51	2.3	1.3	2.6	2.1	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2309	Residential	Ground	SE	52	49	55	50	53	49	55	51	2.2	1.2	2.6	2	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2309	Residential	Ground	NE	51	48	53	49	52	48	54	50	2	1	2.3	1.8	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2309	Residential	Ground	N	47	43	48	43	47	43	49	44	1.2	0.3	1.5	1.1	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2311	Residential	Ground	W	53	49	52	47	53	50	53	49	-0.5	-1.8	-0.1	-0.7	58	53	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2311	Residential	Ground	S	55	52	57	52	56	52	58	54	1.9	0.9	2.3	1.7	58	53	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2311	Residential	Ground	E	51	48	54	50	52	48	55	51	2.9	1.9	3.3	2.6	58	53	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2311	Residential	Ground	N	49	45	50	45	49	45	50	46	0.9	0	1.2	0.9	58	53	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2311	Residential	Ground	W	47	43	48	43	47	43	49	44	1.5	0.6	1.8	1.4	58	53	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2311	Residential	Ground	N	47	43	48	43	47	43	49	45	1.3	0.5	1.6	1.2	58	53	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2312	Residential	Ground	N	48	44	49	45	49	45	50	46	0.9	0.1	1.3	0.9	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2312	Residential	Ground	W	47	43	48	43	47	43	49	45	1.5	0.7	1.8	1.4	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2312	Residential	Ground	N	46	43	48	43	47	43	49	44	1.4	0.5	1.6	1.3	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2312	Residential	Ground	W	53	49	54	49	53	50	55	51	1.4	0.4	1.8	1.2	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2312	Residential	Ground	S	55	52	57	52	56	52	58	53	1.2	0.2	1.6	1	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2312	Residential	Ground	E	50	47	53	49	51	47	54	50	3	2	3.3	2.7	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2313	Residential	Ground	N	48	44	49	44	48	44	50	45	1.1	0.2	1.3	1	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2313	Residential	Ground	W	50	46	51	47	50	47	52	48	1.6	0.5	1.9	1.3	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2313	Residential	Ground	S	54	50	55	50	54	51	56	52	1.1	0.1	1.4	1	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2313	Residential	Ground	W	52	48	53	48	52	48	54	50	1.4	0.4	1.7	1.2	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2313	Residential	Ground	S	54	51	56	52	55	51	57	53	2	1	2.3	1.9	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2313	Residential	Ground	E	53	49	56	51	53	50	56	52	3	2	3.2	2.7	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2314	Residential	Ground	W	49	46	52	47	50	46	53	49	2.9	1.8	3.1	2.5	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2314	Residential	Ground	S	55	51	57	53	55	52	58	54	2.3	1.3	2.7	2.1	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2314	Residential	Ground	E	52	48	55	50	52	49	56	52	3.1	2.1	3.4	2.7	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2314	Residential	Ground	N	48	44	49	44	49	45	50	46	1	0.1	1.2	0.9	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2314	Residential	Ground	N	47	44	48	44	48	44	49	45	0.9	0.1	1.3	1	59	54	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14B	NCA14B.RES.2314	Residential	Ground	N	48	45	49	45	49	45	50	46	0.9	0	1.2	0.9	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2314	Residential	Ground	NW	46	42	47	42	46	42	48	44	1.5	0.6	1.7	1.4	58	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2314	Residential	Ground	NW	48	44	49	44	48	44	49	45	1.1	0.2	1.4	1	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2315	Residential	Ground	N	48	44	49	44	49	45	50	46	1	0.1	1.2	1	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2315	Residential	Ground	N	46	42	47	42	46	42	48	43	1.5	0.6	1.8	1.3	58	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2315	Residential	Ground	N	47	44	49	44	48	44	49	45	1.2	0.2	1.4	1	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2315	Residential	Ground	W	53	49	55	50	53	50	56	51	1.9	0.8	2.2	1.6	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2315	Residential	Ground	S	56	53	58	53	57	53	59	55	1.6	0.5	2	1.4	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2315	Residential	Ground	NE	53	49	55	51	53	50	56	52	2.7	1.7	3	2.4	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2316	Residential	Ground	E	52	49	55	51	53	49	56	52	3	2	3.4	2.7	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2316	Residential	Ground	N	48	44	49	44	49	45	50	46	1	0.1	1.3	1	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2316	Residential	Ground	W	52	48	54	50	52	49	55	51	2.5	1.5	2.8	2.3	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2316	Residential	Ground	S	56	53	58	53	57	53	59	55	1.5	0.4	1.8	1.4	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2317	Residential	Ground	W	53	49	55	50	54	50	56	52	1.8	0.7	2.1	1.6	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2317	Residential	Ground	S	56	53	58	53	57	53	59	55	1.6	0.6	1.8	1.4	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2317	Residential	Ground	E	52	48	55	51	52	49	56	52	3.1	2.1	3.4	2.8	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2317	Residential	Ground	N	47	43	48	44	48	44	49	45	1.2	0.2	1.4	1.1	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2318	Residential	Ground	N	48	44	49	44	49	45	50	46	1	0.1	1.3	1	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2318	Residential	Ground	SW	52	48	54	50	52	49	55	51	2.7	1.6	2.9	2.3	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2318	Residential	Ground	S	56	53	58	53	57	53	59	55	1.7	0.6	1.9	1.5	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2318	Residential	Ground	NE	52	48	55	50	52	49	55	51	2.9	1.9	3.2	2.6	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2319	Residential	Ground	W	50	47	54	49	51	47	54	50	3.3	2.4	3.7	3.1	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2319	Residential	Ground	S	56	53	58	53	57	53	59	55	1.7	0.6	1.9	1.4	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2319	Residential	Ground	E	55	51	57	53	55	52	58	54	2.5	1.4	2.7	2.2	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2319	Residential	Ground	S	56	52	58	53	56	53	58	54	1.8	0.8	2.1	1.7	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2319	Residential	Ground	E	52	48	55	50	52	49	56	51	3	2.1	3.4	2.7	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2319	Residential	Ground	N	48	44	49	44	49	45	50	46	1	0	1.2	0.9	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2320	Residential	Ground	W	54	50	55	51	55	51	56	52	1.5	0.4	1.8	1.3	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2320	Residential	Ground	S	56	53	58	53	57	53	59	55	1.7	0.7	2	1.5	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2320	Residential	Ground	E	51	48	54	50	52	48	55	51	3	2.1	3.3	2.8	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2320	Residential	Ground	N	48	44	49	44	48	45	50	46	1	0.1	1.3	1	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2321	Residential	Ground	W	51	47	54	50	51	47	55	51	3.5	2.6	3.8	3.2	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2321	Residential	Ground	SW	53	49	55	50	54	50	56	52	1.9	0.8	2.2	1.6	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2321	Residential	Ground	SW	54	51	56	51	55	51	57	52	1.6	0.5	1.9	1.3	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2321	Residential	Ground	S	56	53	58	53	57	53	59	55	1.7	0.6	2	1.5	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2321	Residential	Ground	E	53	50	56	51	54	50	57	52	2.5	1.5	2.9	2.3	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2321	Residential	Ground	N	48	45	49	45	49	45	50	46	0.9	0	1.3	0.9	59	54	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14B	NCA14B.RES.2322	Residential	Ground	N	48	45	49	45	49	45	50	46	1	0	1.2	1	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2322	Residential	Ground	SW	51	47	54	50	51	48	55	51	3.6	2.6	3.8	3.2	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2322	Residential	Ground	S	56	53	58	53	57	53	59	55	1.8	0.7	2.1	1.6	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2322	Residential	Ground	NE	50	46	53	48	50	47	54	50	3.1	2.1	3.4	2.8	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2323	Residential	Ground	N	48	45	49	45	49	45	50	46	0.9	0	1.2	0.9	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2323	Residential	Ground	SW	47	43	48	44	47	43	49	45	1.6	0.7	1.9	1.4	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2323	Residential	Ground	N	46	43	48	43	47	43	49	44	1.4	0.4	1.6	1.2	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2323	Residential	Ground	W	54	50	56	51	54	51	56	52	1.8	0.7	2.1	1.5	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2323	Residential	Ground	S	56	53	58	53	57	53	59	55	1.8	0.7	2	1.5	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2323	Residential	Ground	E	51	48	54	50	52	48	55	51	2.7	1.7	3.1	2.5	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2324	Residential	Ground	N	48	45	49	45	49	45	50	46	0.9	0	1.2	0.9	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2324	Residential	Ground	SW	51	48	55	50	52	48	55	51	3.1	2.2	3.4	2.8	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2324	Residential	Ground	S	56	53	58	54	57	53	59	55	1.8	0.7	2	1.5	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2324	Residential	Ground	E	54	50	56	52	54	51	57	53	2.1	1.2	2.4	2	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2325	Residential	Ground	NW	48	44	49	45	49	45	50	46	0.9	0.1	1.2	1	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2325	Residential	Ground	SW	51	47	54	50	51	48	55	51	3.6	2.6	3.8	3.3	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2325	Residential	Ground	S	56	52	58	53	56	53	59	55	1.9	0.8	2.3	1.7	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2325	Residential	Ground	E	53	50	56	52	54	50	57	53	2.7	1.8	3	2.5	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2326	Residential	Ground	W	50	46	52	47	51	47	53	49	1.8	0.8	2.1	1.7	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2326	Residential	Ground	SE	51	47	53	49	52	48	54	50	2.2	1.3	2.5	2	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2326	Residential	Ground	W	51	48	54	49	52	48	54	50	2.3	1.3	2.5	2	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2326	Residential	Ground	S	53	49	55	50	53	50	55	51	1.7	0.8	2.1	1.7	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2326	Residential	Ground	E	50	47	53	48	51	47	54	49	2.4	1.4	2.7	2.2	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2326	Residential	Ground	N	45	41	46	41	46	41	47	42	0.8	-0.1	1	0.7	58	53	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2327	Residential	Ground	SW	47	43	50	45	47	44	51	47	2.9	2	3.3	2.7	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2327	Residential	Ground	S	51	48	53	49	52	48	54	50	2.3	1.3	2.6	2.1	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2327	Residential	Ground	E	46	42	49	45	47	43	50	46	3.4	2.4	3.6	3.1	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2327	Residential	Ground	N	45	41	45	41	45	41	46	42	0.8	-0.1	1.1	0.8	57	53	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2328	Residential	Ground	NW	45	42	46	41	46	42	47	43	0.6	-0.2	1	0.7	58	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2328	Residential	Ground	W	45	41	47	42	45	41	48	44	2.4	1.4	2.6	2.2	57	53	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2328	Residential	Ground	W	41	37	42	37	41	37	43	39	1.6	0.6	1.9	1.4	53	49	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2328	Residential	Ground	SW	50	46	52	48	51	47	53	49	2.1	1.2	2.4	1.9	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2328	Residential	Ground	S	53	49	55	50	54	50	55	51	1.5	0.6	1.8	1.4	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2328	Residential	Ground	E	49	45	51	47	49	46	52	48	2.5	1.5	2.8	2.3	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2329	Residential	Ground	W	47	44	50	46	48	44	51	47	2.9	1.9	3.2	2.7	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2329	Residential	Ground	S	53	49	55	50	53	50	55	51	1.6	0.7	2	1.5	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2329	Residential	Ground	E	51	48	54	49	52	48	55	51	2.4	1.4	2.8	2.3	59	54	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14B	NCA14B.RES.2329	Residential	Ground	N	47	44	48	44	48	44	49	45	1	0.1	1.4	1	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2329	Residential	Ground	E	47	44	48	44	48	44	49	45	1	0.2	1.4	1	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2329	Residential	Ground	N	48	44	49	44	48	45	49	45	1	0	1.3	0.9	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2330	Residential	Ground	N	47	44	48	44	48	44	49	45	1	0.2	1.4	1	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2330	Residential	Ground	W	50	46	52	48	51	47	53	49	2.3	1.3	2.6	2.1	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2330	Residential	Ground	S	53	49	55	50	54	50	55	51	1.6	0.7	1.9	1.5	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2330	Residential	Ground	E	50	47	53	49	51	47	54	50	2.6	1.6	3	2.4	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2331	Residential	Ground	W	50	46	52	48	51	47	53	49	2.2	1.2	2.5	2	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2331	Residential	Ground	S	53	50	55	51	54	50	56	52	1.7	0.8	2.1	1.6	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2331	Residential	Ground	S	53	50	55	50	54	50	56	52	1.8	0.8	2.1	1.6	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2331	Residential	Ground	S	53	50	55	51	54	50	56	52	1.8	0.8	2.1	1.6	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2331	Residential	Ground	E	52	49	55	50	53	49	55	51	2.2	1.2	2.5	1.9	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2331	Residential	Ground	N	48	44	49	44	48	44	49	45	1	0.1	1.4	1	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2332	Residential	Ground	W	52	48	54	49	52	49	55	50	1.8	0.8	2.1	1.6	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2332	Residential	Ground	S	52	49	54	49	53	49	55	51	1.8	0.7	2.1	1.6	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2332	Residential	Ground	W	52	48	54	49	52	49	54	50	1.8	0.7	2.1	1.5	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2332	Residential	Ground	S	54	51	56	52	55	51	57	53	2	0.9	2.2	1.7	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2332	Residential	Ground	E	53	49	55	51	53	50	56	52	2.3	1.4	2.6	2.1	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2332	Residential	Ground	N	47	44	48	44	48	44	49	45	1.1	0.2	1.4	1	59	54	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2333	Residential	Ground	W	52	48	55	50	52	49	56	52	3	2	3.4	2.7	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2333	Residential	Ground	S	56	53	58	53	57	53	59	55	1.8	0.8	2.1	1.6	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2333	Residential	Ground	E	50	47	53	49	51	47	54	50	3	1.9	3.3	2.7	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2333	Residential	Ground	NW	48	45	49	45	49	45	50	46	0.9	0	1.3	0.9	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2334	Residential	Ground	W	52	49	55	50	53	49	56	52	2.7	1.6	3	2.4	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2334	Residential	Ground	S	56	53	58	53	57	53	59	55	1.7	0.7	2	1.6	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2334	Residential	Ground	S	55	52	58	53	56	52	58	54	2.3	1.3	2.6	2.1	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2334	Residential	Ground	S	56	53	58	53	57	53	59	55	1.7	0.8	2.1	1.6	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2334	Residential	Ground	E	50	47	53	49	51	47	54	50	2.8	1.8	3.2	2.5	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2334	Residential	Ground	N	48	45	49	45	49	45	50	46	0.9	0.1	1.3	1	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2335	Residential	Ground	N	48	44	49	44	49	45	50	46	0.9	0	1.3	1	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2335	Residential	Ground	W	51	48	55	50	52	48	56	51	3.5	2.5	3.8	3.1	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2335	Residential	Ground	S	56	53	58	53	57	53	59	55	1.8	0.8	2.1	1.6	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2335	Residential	Ground	E	53	50	56	51	54	50	57	53	2.6	1.6	2.8	2.3	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2336	Residential	Ground	SW	52	48	55	51	52	49	56	52	3.4	2.5	3.7	3.1	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2336	Residential	Ground	S	56	52	58	53	56	53	59	54	2.1	1.1	2.3	1.9	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2336	Residential	Ground	SW	55	51	57	53	56	52	58	54	2.3	1.3	2.6	2	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2336	Residential	Ground	S	56	52	58	53	56	53	59	54	2.2	1.1	2.4	1.9	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA14B	NCA14B.RES.2336	Residential	Ground	NE	50	46	52	48	50	47	53	49	2.5	1.5	2.8	2.3	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2336	Residential	Ground	N	48	45	49	45	49	45	50	46	0.9	0	1.3	0.9	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2337	Residential	Ground	W	51	47	55	50	51	48	55	51	3.7	2.8	4	3.4	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2337	Residential	Ground	SE	55	52	57	53	56	52	58	54	2	1	2.4	1.8	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2337	Residential	Ground	E	51	47	53	49	52	48	54	50	2.1	1.1	2.4	1.9	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2337	Residential	Ground	N	48	45	49	45	49	45	50	46	0.9	0	1.2	0.9	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2338	Residential	Ground	SW	51	48	54	49	52	48	55	51	2.7	1.6	2.9	2.3	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2338	Residential	Ground	SE	56	52	58	54	56	53	59	55	2.5	1.5	2.8	2.3	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2338	Residential	Ground	NE	54	51	56	52	55	51	57	53	1.9	1	2.3	1.8	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2338	Residential	Ground	NW	47	44	48	44	48	44	49	45	1.1	0.2	1.5	1.1	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2338	Residential	Ground	NE	48	45	49	45	49	45	50	46	1.2	0.3	1.6	1.2	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2338	Residential	Ground	NW	48	44	49	44	48	45	50	46	1	0.1	1.3	0.9	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2339	Residential	Ground	W	51	48	53	48	52	48	54	50	1.8	0.8	2.1	1.6	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2339	Residential	Ground	S	54	51	56	52	55	51	57	53	1.8	0.8	2.1	1.6	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2339	Residential	Ground	E	53	50	56	51	54	50	56	52	2.1	1.2	2.5	1.9	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2339	Residential	Ground	S	54	51	56	51	55	51	57	53	1.8	0.8	2.2	1.6	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2339	Residential	Ground	E	53	49	55	51	53	50	56	52	2.3	1.4	2.7	2.1	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2339	Residential	Ground	N	47	44	48	44	48	44	49	45	1.1	0.1	1.3	1	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2340	Residential	Ground	W	50	47	53	48	51	47	54	49	2.6	1.7	3	2.4	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2340	Residential	Ground	S	53	50	55	51	54	50	56	52	2	1	2.2	1.8	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2340	Residential	Ground	W	53	49	54	50	53	49	55	51	1.7	0.7	2.1	1.5	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2340	Residential	Ground	S	55	51	56	52	55	51	57	53	1.7	0.7	2.1	1.6	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2340	Residential	Ground	E	52	48	55	50	52	49	56	51	2.8	1.8	3.2	2.5	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2340	Residential	Ground	N	48	44	49	44	49	45	50	46	0.9	0	1.2	0.9	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2341	Residential	Ground	W	50	46	52	48	51	47	53	49	2.3	1.4	2.7	2.1	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2341	Residential	Ground	S	54	50	56	51	55	51	56	52	1.6	0.7	1.9	1.5	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2341	Residential	Ground	E	53	50	55	51	54	50	56	52	2	1.1	2.3	1.9	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2341	Residential	Ground	N	48	45	49	45	49	45	50	46	0.8	-0.1	1.1	0.9	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2342	Residential	Ground	W	49	45	50	46	49	45	51	47	1.8	0.8	2.1	1.6	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2342	Residential	Ground	SW	49	45	51	46	49	46	52	47	1.9	0.9	2.2	1.7	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2342	Residential	Ground	W	48	44	49	45	48	45	50	46	1.4	0.4	1.7	1.2	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2342	Residential	Ground	S	55	52	58	53	56	52	59	54	2.7	1.6	3	2.4	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2342	Residential	Ground	E	56	53	58	54	57	53	59	55	2.2	1.2	2.5	2	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2342	Residential	Ground	N	52	49	53	48	53	49	54	50	0.5	-0.3	0.9	0.6	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2343	Residential	Ground	W	50	46	51	47	50	46	52	48	1.7	0.8	2.1	1.6	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2343	Residential	Ground	S	52	49	53	49	53	49	54	50	0.9	-0.1	1.2	0.8	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2343	Residential	Ground	S	53	49	55	50	53	50	56	52	1.8	0.7	2.1	1.7	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14B	NCA14B.RES.2343	Residential	Ground	S	54	50	56	51	54	51	57	53	1.9	0.9	2.2	1.7	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2343	Residential	Ground	E	56	52	58	53	56	53	59	55	2.3	1.4	2.7	2.2	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2343	Residential	Ground	N	50	47	51	46	51	47	52	48	0.6	-0.3	0.9	0.6	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2344	Residential	Ground	N	50	46	50	46	50	47	51	47	0.6	-0.2	0.9	0.7	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2344	Residential	Ground	W	49	46	50	46	50	46	51	47	0.9	-0.1	1.2	0.8	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2344	Residential	Ground	S	51	47	52	47	51	48	52	49	0.8	0	1.2	0.9	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2344	Residential	Ground	E	55	51	56	52	55	52	57	53	1.6	0.7	2	1.5	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2344	Residential	Ground	E	54	50	55	51	54	51	56	52	1.3	0.4	1.7	1.3	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2344	Residential	Ground	E	55	51	56	52	55	52	57	53	1.7	0.7	2.1	1.6	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2345	Residential	Ground	W	50	46	50	46	50	47	51	47	0.6	-0.5	1	0.5	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2345	Residential	Ground	S	53	50	55	50	54	50	56	52	1.6	0.7	1.9	1.5	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2345	Residential	Ground	E	55	52	58	53	56	52	58	54	2.3	1.3	2.6	2.1	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2345	Residential	Ground	N	50	46	51	46	51	47	51	48	0.6	-0.3	0.9	0.6	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2346	Residential	Ground	W	49	45	50	45	49	45	51	46	1	-0.1	1.3	0.8	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2346	Residential	Ground	S	53	50	55	51	54	50	56	52	1.8	0.8	2.1	1.7	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2346	Residential	Ground	E	54	51	56	52	55	51	57	53	2.3	1.3	2.5	2.1	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2346	Residential	Ground	N	50	47	51	47	51	47	52	48	0.6	-0.3	0.9	0.7	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2347	Residential	Ground	W	51	47	52	47	52	48	53	48	0.9	-0.1	1.2	0.7	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2347	Residential	Ground	S	53	49	54	49	54	50	55	51	0.8	-0.2	1.1	0.8	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2347	Residential	Ground	E	55	51	57	52	55	52	58	54	2.2	1.1	2.5	1.9	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2347	Residential	Ground	N	50	47	51	46	51	47	52	48	0.6	-0.4	0.9	0.6	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2348	Residential	Ground	N	50	47	51	46	51	47	51	48	0.5	-0.4	0.8	0.6	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2348	Residential	Ground	W	51	47	51	46	51	48	52	48	0.4	-0.7	0.8	0.3	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2348	Residential	Ground	S	51	48	52	48	52	48	53	49	0.9	0	1.3	0.8	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2348	Residential	Ground	E	55	52	58	53	56	52	59	55	2.4	1.3	2.6	2.1	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2349	Residential	Ground	W	52	48	52	47	52	49	53	49	0.1	-1	0.5	0	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2349	Residential	Ground	S	52	49	54	49	53	49	54	50	1.1	0.3	1.5	1.1	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2349	Residential	Ground	E	55	52	57	53	56	52	58	54	2.4	1.4	2.7	2.1	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2349	Residential	Ground	E	55	51	57	53	56	52	58	54	2.3	1.3	2.5	2.1	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2349	Residential	Ground	E	55	52	58	53	56	52	59	54	2.5	1.4	2.8	2.2	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2349	Residential	Ground	E	55	51	57	53	55	52	58	54	2.6	1.6	2.8	2.3	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2349	Residential	Ground	N	50	47	51	46	51	47	52	48	0.6	-0.4	0.9	0.6	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2350	Residential	Ground	W	52	48	53	48	52	49	54	50	1.4	0.3	1.8	1.3	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2350	Residential	Ground	S	54	50	55	51	55	51	56	52	1.1	0.1	1.5	1	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2350	Residential	Ground	S	53	49	54	49	53	50	55	51	1.3	0.2	1.6	1.1	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2350	Residential	Ground	S	54	51	55	51	55	51	56	52	1	0	1.4	0.9	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2350	Residential	Ground	S	55	51	57	53	55	52	58	54	2.5	1.5	2.7	2.2	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14B	NCA14B.RES.2350	Residential	Ground	E	56	52	58	54	56	53	59	55	2.3	1.2	2.5	2	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2350	Residential	Ground	N	49	46	50	45	50	46	51	47	0.6	-0.2	1	0.7	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2351	Residential	Ground	W	51	47	51	46	51	48	52	48	0.2	-1.1	0.6	0.1	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2351	Residential	Ground	S	54	51	56	52	55	51	57	53	2	1	2.3	1.8	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2351	Residential	Ground	E	55	52	58	53	56	52	59	55	2.4	1.4	2.7	2.2	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2351	Residential	Ground	N	49	46	50	46	50	46	51	47	0.6	-0.2	0.9	0.7	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2352	Residential	Ground	W	51	48	51	47	52	48	52	48	0.1	-1.1	0.5	0	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2352	Residential	Ground	S	51	47	52	47	51	48	53	49	1.1	0.1	1.4	1.1	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2352	Residential	Ground	E	55	51	57	52	55	52	57	53	1.6	0.6	2	1.5	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2352	Residential	Ground	N	53	50	54	50	54	50	55	51	0.8	-0.2	1.1	0.8	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2352	Residential	Ground	E	55	51	56	52	55	52	57	53	1.6	0.6	1.9	1.5	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2352	Residential	Ground	N	50	46	50	46	50	47	51	47	0.5	-0.3	0.9	0.6	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2353	Residential	Ground	N	52	48	52	48	52	49	53	49	0.3	-0.6	0.7	0.4	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2353	Residential	Ground	W	46	43	48	43	47	43	49	44	1.4	0.5	1.7	1.3	59	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2353	Residential	Ground	N	46	43	48	43	47	43	48	44	1.3	0.4	1.6	1.2	59	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2353	Residential	Ground	W	52	48	52	47	52	49	53	49	0.3	-0.9	0.7	0.1	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2353	Residential	Ground	S	53	50	55	50	54	50	56	52	1.5	0.6	1.8	1.4	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2353	Residential	Ground	E	56	52	58	54	56	53	59	55	2.4	1.4	2.7	2.2	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2354	Residential	Ground	W	51	47	52	48	51	48	53	49	1.4	0.4	1.8	1.3	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2354	Residential	Ground	S	50	47	51	46	51	47	52	48	0.8	-0.3	1.1	0.6	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2354	Residential	Ground	W	50	47	51	47	51	47	52	48	1	-0.2	1.3	0.9	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2354	Residential	Ground	S	53	50	55	50	54	50	56	52	1.3	0.4	1.7	1.3	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2354	Residential	Ground	E	55	52	58	53	56	52	59	55	2.4	1.4	2.7	2.2	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2354	Residential	Ground	N	50	46	50	46	50	47	51	47	0.5	-0.3	0.9	0.6	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2355	Residential	Ground	W	52	48	52	47	52	48	52	48	-0.1	-1.3	0.3	-0.2	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2355	Residential	Ground	S	52	48	53	49	53	49	54	50	1.1	0.2	1.5	1.1	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2355	Residential	Ground	E	55	52	58	53	56	52	58	54	2.4	1.4	2.7	2.2	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2355	Residential	Ground	N	50	46	50	46	50	47	51	47	0.5	-0.3	0.9	0.6	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2356	Residential	Ground	W	51	48	52	47	52	48	52	48	0.1	-1.1	0.4	-0.1	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2356	Residential	Ground	S	52	48	53	48	53	49	54	50	0.8	-0.1	1.1	0.9	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2356	Residential	Ground	E	56	52	58	53	56	53	59	55	2.3	1.3	2.6	2.1	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2356	Residential	Ground	N	50	47	51	46	51	47	51	48	0.5	-0.4	0.8	0.5	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2357	Residential	Ground	W	52	48	52	47	52	49	52	48	-0.2	-1.4	0.1	-0.3	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2357	Residential	Ground	S	53	49	54	49	53	50	55	51	1	0.1	1.4	1.1	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2357	Residential	Ground	E	56	52	58	53	56	53	59	55	2.3	1.4	2.6	2.2	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2357	Residential	Ground	E	55	52	58	53	56	53	59	55	2.4	1.4	2.7	2.1	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2357	Residential	Ground	E	55	52	58	53	56	53	59	55	2.4	1.4	2.7	2.1	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA14B	NCA14B.RES.2357	Residential	Ground	E	55	52	58	53	56	52	58	54	2.5	1.6	2.9	2.3	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2357	Residential	Ground	N	50	46	50	46	50	47	51	47	0.5	-0.3	0.8	0.6	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2358	Residential	Ground	W	52	48	51	46	52	48	52	48	-0.1	-1.5	0.2	-0.3	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2358	Residential	Ground	S	52	49	53	49	53	49	54	50	1	0.1	1.3	0.9	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2358	Residential	Ground	E	55	52	58	53	56	52	59	54	2.5	1.5	2.8	2.2	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2358	Residential	Ground	S	55	52	58	53	56	52	59	54	2.5	1.6	2.9	2.3	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2358	Residential	Ground	E	56	52	58	53	56	53	59	55	2.3	1.3	2.6	2.1	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2358	Residential	Ground	N	49	45	50	45	50	46	50	47	0.6	-0.2	0.9	0.7	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2359	Residential	Ground	W	52	48	52	47	52	49	53	49	0.3	-0.9	0.6	0.1	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2359	Residential	Ground	S	53	49	54	49	53	50	55	51	1.2	0.2	1.5	1.1	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2359	Residential	Ground	E	56	52	58	54	56	53	59	55	2.3	1.4	2.6	2.1	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2359	Residential	Ground	N	52	48	52	48	52	49	53	49	0.3	-0.6	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2360	Residential	Ground	W	52	49	53	48	53	49	53	49	0.4	-0.8	0.7	0.3	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2360	Residential	Ground	S	52	48	52	47	52	48	53	48	0.1	-1	0.5	0	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2360	Residential	Ground	W	51	48	52	47	52	48	53	48	0.3	-0.8	0.6	0.2	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2360	Residential	Ground	S	53	50	54	50	54	50	55	51	1.2	0.3	1.6	1.2	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2360	Residential	Ground	E	56	52	58	54	56	53	59	55	2.4	1.4	2.6	2.1	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2360	Residential	Ground	N	51	48	52	47	52	48	53	49	0.3	-0.6	0.7	0.5	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2361	Residential	Ground	W	52	48	54	49	52	49	54	50	1.6	0.5	1.9	1.3	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2361	Residential	Ground	W	52	48	53	48	52	49	54	49	1	-0.1	1.4	0.8	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2361	Residential	Ground	W	52	49	54	49	53	49	55	51	1.6	0.5	1.9	1.4	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2361	Residential	Ground	S	54	50	55	50	54	51	56	51	0.9	-0.1	1.2	0.8	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2361	Residential	Ground	E	55	52	57	53	56	53	58	54	1.7	0.7	2	1.5	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2361	Residential	Ground	S	55	52	57	53	56	52	58	54	2	1	2.3	1.8	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2361	Residential	Ground	E	55	52	58	53	56	52	59	55	2.4	1.5	2.8	2.2	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2361	Residential	Ground	N	50	46	50	46	50	47	51	47	0.4	-0.3	0.8	0.6	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2362	Residential	Ground	W	52	48	52	47	53	49	53	49	0.1	-1.1	0.3	-0.1	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2362	Residential	Ground	S	54	51	56	52	55	51	57	53	1.7	0.8	2.1	1.6	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2362	Residential	Ground	E	56	52	58	54	56	53	59	55	2.2	1.2	2.5	2	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2362	Residential	Ground	N	51	48	52	47	52	49	53	49	0.3	-0.7	0.7	0.5	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2363	Residential	Ground	W	51	48	52	47	52	48	53	48	0.4	-0.8	0.8	0.2	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2363	Residential	Ground	S	54	51	56	51	55	51	56	52	1.3	0.3	1.6	1.3	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2363	Residential	Ground	S	53	49	55	51	53	50	56	52	2.2	1.2	2.6	2	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2363	Residential	Ground	S	55	51	57	53	55	52	58	54	2	1.1	2.4	1.8	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2363	Residential	Ground	E	54	51	57	53	55	51	58	54	2.9	1.9	3.2	2.6	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2363	Residential	Ground	N	51	48	51	47	52	48	52	49	0.3	-0.6	0.7	0.5	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2364	Residential	Ground	N	51	48	52	47	52	48	53	49	0.3	-0.6	0.7	0.4	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA14B	NCA14B.RES.2364	Residential	Ground	W	50	47	54	49	51	47	54	50	3.3	2.4	3.5	3	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2364	Residential	Ground	S	56	52	58	53	56	53	59	55	2.3	1.3	2.5	2.1	60	55	NO	NO	NO	NO	NO
NCA14B	NCA14B.RES.2364	Residential	Ground	E	56	53	58	54	57	53	59	55	2.2	1.1	2.4	1.9	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0222	Residential	Ground	N	55	52	55	51	56	53	56	53	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0222	Residential	Ground	E	56	53	56	52	57	53	57	53	0	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0222	Residential	Ground	N	56	53	56	52	57	53	57	53	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0222	Residential	Ground	W	59	55	60	56	59	56	61	57	1.5	0.6	1.8	1.5	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0222	Residential	Ground	S	63	59	63	59	63	60	64	60	0.6	-0.3	0.9	0.7	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0222	Residential	Ground	E	62	59	62	58	63	59	63	60	-0.1	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0223	Residential	Ground	N	55	51	55	50	55	52	56	52	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0223	Residential	Ground	E	55	51	55	50	55	52	56	52	0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0223	Residential	Ground	N	54	50	54	49	54	51	55	51	0.1	-0.9	0.5	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0223	Residential	Ground	W	58	54	60	55	59	55	60	56	1.6	0.6	1.9	1.5	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0223	Residential	Ground	W	58	54	59	55	58	55	60	56	1.7	0.8	2	1.6	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0223	Residential	Ground	W	58	54	59	55	58	55	60	56	1.6	0.6	2	1.5	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0223	Residential	Ground	S	58	55	60	55	59	55	61	57	1.4	0.5	1.7	1.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0223	Residential	Ground	S	57	53	57	52	57	54	58	54	0	-1	0.4	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0223	Residential	Ground	E	58	55	58	54	59	55	59	56	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0223	Residential	Ground	N	57	53	57	52	57	54	58	54	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0223	Residential	Ground	E	57	53	57	52	57	54	58	54	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0223	Residential	Ground	E	57	54	57	53	58	54	58	54	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0224	Residential	Ground	NE	59	55	58	54	59	56	59	56	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0224	Residential	Ground	NE	58	55	58	54	59	55	59	56	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0224	Residential	Ground	NE	58	55	58	54	59	56	59	56	0	-0.9	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0224	Residential	Ground	NW	55	52	55	51	56	52	56	53	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0224	Residential	Ground	NE	55	52	55	51	56	52	56	53	0	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0224	Residential	Ground	NW	56	52	56	51	56	53	57	53	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0224	Residential	Ground	SW	61	57	61	57	61	58	62	58	-0.1	-0.8	0.2	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0224	Residential	Ground	SE	62	58	62	58	62	59	63	60	0.7	-0.1	1.1	0.8	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0224	Residential	Ground	SW	61	58	62	58	62	58	63	59	0.9	0	1.3	0.9	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0224	Residential	Ground	SE	60	57	61	57	61	57	62	58	1	0	1.3	1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0225	Residential	Ground	NE	63	59	63	58	63	60	64	60	0	-1.1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0225	Residential	Ground	SE	63	60	63	59	64	61	64	61	-0.1	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0225	Residential	Ground	NE	61	57	61	56	61	58	62	58	-0.1	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0225	Residential	Ground	NW	57	53	57	52	57	54	57	54	-0.1	-1	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0225	Residential	Ground	NW	54	50	54	49	54	51	55	51	0	-0.9	0.5	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0225	Residential	Ground	NW	56	53	56	52	57	53	57	53	-0.1	-1	0.4	0.1	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14C	NCA14C.RES.0225	Residential	Ground	SE	65	61	65	61	65	62	66	62	0.3	-0.5	0.6	0.5	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0226	Residential	Ground	NW	55	52	55	51	56	52	56	53	0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0226	Residential	Ground	NW	55	51	55	51	55	52	56	52	0	-0.9	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0226	Residential	Ground	NW	57	53	57	53	57	54	58	54	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0226	Residential	Ground	NE	57	53	57	53	57	54	58	54	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0226	Residential	Ground	NW	57	54	57	53	58	54	58	55	-0.1	-1	0.4	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0226	Residential	Ground	SW	58	55	58	54	59	56	59	56	0	-0.9	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0226	Residential	Ground	SE	64	61	65	60	65	61	66	62	0.4	-0.5	0.7	0.5	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0226	Residential	Ground	NE	57	54	57	53	58	54	58	54	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0227	Residential	Ground	N	54	51	54	50	55	51	55	52	0	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0227	Residential	Ground	W	53	49	53	49	53	50	54	50	0.2	-0.7	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0227	Residential	Ground	N	54	51	54	50	55	51	55	52	0	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0227	Residential	Ground	W	58	54	59	55	58	55	60	56	1.6	0.6	1.9	1.5	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0227	Residential	Ground	S	55	52	55	51	56	52	56	52	0	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0227	Residential	Ground	E	58	55	58	54	59	55	59	56	0	-0.9	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0227	Residential	Ground	E	57	54	57	53	58	54	58	54	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0227	Residential	Ground	E	57	54	57	53	58	54	58	55	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0228	Residential	Ground	NW	53	50	53	49	54	50	54	51	0.1	-0.9	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0228	Residential	Ground	NE	53	50	53	49	54	50	54	51	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0228	Residential	Ground	NW	53	50	53	49	54	50	54	51	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0228	Residential	Ground	SW	56	52	56	52	56	53	57	53	0	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0228	Residential	Ground	SE	58	55	58	54	59	55	59	56	0	-0.8	0.5	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0228	Residential	Ground	NE	58	54	58	53	58	55	58	55	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0228	Residential	Ground	SE	58	54	58	53	58	55	59	55	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.0228	Residential	Ground	NE	57	54	57	53	58	55	58	55	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1174	Residential	Ground	N	50	46	50	46	50	47	51	47	0.2	-0.7	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1174	Residential	Ground	W	51	48	54	49	52	48	54	50	2.2	1.2	2.5	2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1174	Residential	Ground	S	55	52	57	53	56	53	58	54	1.6	0.6	1.8	1.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1174	Residential	Ground	E	55	51	57	52	55	52	58	54	2.1	1.1	2.3	1.9	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1175	Residential	Ground	NW	44	41	45	40	45	41	46	42	0.2	-0.6	0.7	0.4	57	53	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1175	Residential	Ground	NE	44	41	44	40	45	41	45	42	0.2	-0.6	0.7	0.4	57	53	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1175	Residential	Ground	N	47	43	47	42	47	44	48	44	0.1	-0.7	0.5	0.3	59	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1175	Residential	Ground	SW	45	41	45	40	46	42	45	41	-0.4	-1.6	-0.1	-0.4	58	53	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1175	Residential	Ground	NW	42	39	43	38	43	39	44	40	0.5	-0.3	0.8	0.6	55	51	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1175	Residential	Ground	SW	54	50	55	51	54	51	56	52	1.7	0.8	2	1.6	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1175	Residential	Ground	SE	54	51	56	52	55	52	57	53	1.5	0.5	1.8	1.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1175	Residential	Ground	SW	54	51	56	51	55	51	57	53	1.7	0.7	2	1.5	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14C	NCA14C.RES.1175	Residential	Ground	SE	55	52	56	52	56	52	57	53	1.3	0.5	1.7	1.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1175	Residential	Ground	NE	49	45	49	45	49	46	50	46	0.2	-0.7	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1175	Residential	Ground	NE	50	46	50	46	50	47	51	47	0	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1176	Residential	Ground	NE	50	46	50	46	50	47	51	47	0.2	-0.6	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1176	Residential	Ground	NW	47	43	47	43	47	44	48	44	0.5	-0.4	0.9	0.6	59	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1176	Residential	Ground	NE	48	44	48	44	48	45	49	45	0.4	-0.5	0.7	0.5	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1176	Residential	Ground	NW	50	46	51	46	50	46	51	47	1	-0.1	1.3	1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1176	Residential	Ground	SW	54	51	56	51	55	51	57	53	1.5	0.5	1.8	1.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1176	Residential	Ground	SE	54	50	55	51	54	51	56	52	1.4	0.4	1.7	1.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1177	Residential	Ground	N	49	46	49	45	50	46	50	47	0.2	-0.7	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1177	Residential	Ground	W	51	47	52	48	51	48	53	49	1.5	0.5	1.8	1.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1177	Residential	Ground	S	55	52	56	52	56	52	57	53	0.9	0	1.2	0.9	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1177	Residential	Ground	E	55	52	56	52	56	52	57	53	1.1	0.1	1.4	1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1177	Residential	Ground	S	55	52	56	52	56	52	57	53	1	0	1.3	0.9	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1177	Residential	Ground	E	51	47	53	49	51	48	54	50	2.8	1.8	3.1	2.5	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1178	Residential	Ground	N	50	46	50	46	50	47	51	47	0.2	-0.7	0.6	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1178	Residential	Ground	W	49	46	52	48	50	46	53	49	2.9	2.1	3.3	2.7	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1178	Residential	Ground	S	55	51	56	52	55	52	57	53	1.6	0.7	1.9	1.6	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1178	Residential	Ground	E	49	46	53	49	50	47	54	50	4	3	4.2	3.6	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1179	Residential	Ground	W	49	46	53	49	50	46	54	50	4	3	4.2	3.6	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1179	Residential	Ground	S	55	52	57	52	56	52	58	54	1.7	0.8	2	1.6	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1179	Residential	Ground	S	55	51	57	52	55	52	57	54	1.7	0.9	2.1	1.7	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1179	Residential	Ground	S	55	51	57	52	55	52	57	53	1.8	0.8	2	1.6	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1179	Residential	Ground	E	50	46	54	49	50	47	54	50	3.7	2.7	3.9	3.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1179	Residential	Ground	N	51	48	51	47	52	48	52	49	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1179	Residential	Ground	N	51	48	51	47	52	48	52	48	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1179	Residential	Ground	N	50	47	50	46	51	47	51	48	0.2	-0.7	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1180	Residential	Ground	N	50	46	50	46	50	47	51	47	0.1	-0.7	0.6	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1180	Residential	Ground	W	52	48	55	50	52	49	55	51	3	2	3.3	2.7	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1180	Residential	Ground	S	56	52	57	53	56	53	58	54	1.5	0.7	1.9	1.5	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1180	Residential	Ground	E	52	48	55	51	52	49	56	52	3.5	2.5	3.7	3.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1181	Residential	Ground	W	50	46	53	49	50	47	54	50	3.6	2.7	3.9	3.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1181	Residential	Ground	S	55	52	56	52	56	52	57	53	1.2	0.2	1.5	1.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1181	Residential	Ground	N	51	48	51	47	52	48	52	49	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1181	Residential	Ground	E	52	49	52	48	53	49	53	50	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1181	Residential	Ground	N	51	48	51	47	52	48	52	49	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1203	Residential	Ground	N	53	50	53	49	54	51	54	51	0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14C	NCA14C.RES.1203	Residential	Ground	W	50	46	51	47	50	47	52	48	1.2	0.2	1.6	1.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1203	Residential	Ground	S	49	46	51	46	50	46	51	47	1.1	0.1	1.4	1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1203	Residential	Ground	W	50	46	51	46	50	47	52	48	1.1	0.1	1.4	1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1203	Residential	Ground	S	55	52	56	52	56	52	57	53	0.9	0	1.4	0.9	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1203	Residential	Ground	E	57	54	58	54	57	54	59	55	0.9	0.1	1.3	1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1203	Residential	Ground	N	54	51	54	50	55	51	55	51	0	-1	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1203	Residential	Ground	E	54	51	54	50	55	51	55	52	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1204	Residential	Ground	NW	48	45	49	44	49	45	49	46	0.2	-0.6	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1204	Residential	Ground	E	48	45	49	44	49	45	50	46	0.3	-0.6	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1204	Residential	Ground	N	48	45	49	44	49	45	50	46	0.3	-0.7	0.6	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1204	Residential	Ground	SW	54	50	56	52	54	51	57	53	2.3	1.3	2.5	2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1204	Residential	Ground	S	57	53	58	53	57	54	58	55	0.9	0	1.2	0.9	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1204	Residential	Ground	E	55	52	55	51	55	52	56	52	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1205	Residential	Ground	W	47	43	50	46	47	44	51	47	3.1	2.2	3.4	2.8	59	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1205	Residential	Ground	W	43	39	43	38	43	39	44	40	0.3	-0.6	0.6	0.4	55	51	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1205	Residential	Ground	W	53	49	55	51	53	50	56	52	2.4	1.5	2.7	2.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1205	Residential	Ground	W	53	49	55	51	53	50	56	52	2.7	1.7	2.9	2.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1205	Residential	Ground	W	53	50	56	51	54	50	56	52	2.5	1.5	2.8	2.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1205	Residential	Ground	S	56	53	58	53	57	53	58	55	1.3	0.3	1.7	1.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1205	Residential	Ground	E	55	52	57	53	56	52	58	54	1.7	0.8	2	1.6	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1205	Residential	Ground	E	55	51	55	51	55	52	56	53	0.7	-0.2	1	0.7	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1205	Residential	Ground	E	55	51	56	52	55	52	57	53	1.9	1.1	2.3	1.9	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1205	Residential	Ground	E	49	46	49	45	50	46	50	47	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1205	Residential	Ground	E	53	49	53	48	53	50	54	50	0	-0.8	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1205	Residential	Ground	N	49	46	49	45	50	46	50	46	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1206	Residential	Ground	N	49	46	49	45	50	46	50	46	0.1	-0.7	0.6	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1206	Residential	Ground	S	55	51	57	52	55	52	57	53	1.8	0.8	2	1.6	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1206	Residential	Ground	E	53	49	56	51	53	50	56	52	2.8	1.9	3.1	2.6	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1207	Residential	Ground	W	50	46	54	49	51	47	54	50	3.7	2.8	3.9	3.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1207	Residential	Ground	S	56	52	57	52	56	53	58	54	1.2	0.2	1.5	1.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1207	Residential	Ground	E	56	52	57	52	56	53	58	54	1.1	0.3	1.5	1.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1207	Residential	Ground	S	56	52	57	52	56	53	58	54	1	0.2	1.3	1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1207	Residential	Ground	E	53	50	55	51	54	50	56	52	2.1	1.1	2.4	2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1207	Residential	Ground	N	50	46	50	46	50	47	51	47	0.2	-0.7	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1208	Residential	Ground	W	51	47	53	48	51	48	54	50	2	1	2.3	1.8	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1208	Residential	Ground	S	55	51	56	52	55	52	57	53	1.3	0.5	1.7	1.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1208	Residential	Ground	E	54	50	56	52	54	51	57	53	2	1.2	2.4	2	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14C	NCA14C.RES.1208	Residential	Ground	E	53	49	55	51	53	50	56	52	2.2	1.3	2.5	2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1208	Residential	Ground	E	50	47	54	50	51	47	55	51	3.6	2.7	3.9	3.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1208	Residential	Ground	N	46	42	46	42	47	43	47	44	0.5	-0.4	0.9	0.6	59	54	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1209	Residential	Ground	N	51	48	52	47	52	48	52	49	0.2	-0.7	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1209	Residential	Ground	N	49	46	49	45	50	46	50	47	0.2	-0.8	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1209	Residential	Ground	N	51	48	51	47	52	48	52	48	0.1	-0.7	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1209	Residential	Ground	W	50	46	53	49	50	47	54	50	3.5	2.7	3.9	3.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1209	Residential	Ground	S	55	52	57	52	56	52	58	54	1.6	0.8	2	1.6	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1209	Residential	Ground	E	53	49	55	51	53	50	56	52	2.4	1.5	2.7	2.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1210	Residential	Ground	N	51	48	51	47	52	48	52	49	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1210	Residential	Ground	W	47	44	48	44	48	44	49	45	0.5	-0.4	0.8	0.5	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1210	Residential	Ground	N	48	45	48	44	49	45	49	45	0.3	-0.6	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1210	Residential	Ground	W	52	48	55	50	52	49	56	51	2.8	1.9	3.2	2.6	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1210	Residential	Ground	S	54	51	56	52	55	51	57	53	1.6	0.7	2	1.5	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1210	Residential	Ground	W	53	50	55	51	54	50	56	52	2.1	1.2	2.5	2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1210	Residential	Ground	S	55	52	57	52	56	52	57	54	1.5	0.6	1.8	1.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1210	Residential	Ground	E	53	49	54	49	53	50	54	51	0.9	0	1.2	0.9	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1211	Residential	Ground	N	47	44	47	43	48	44	48	44	0.1	-0.7	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1211	Residential	Ground	W	53	49	55	51	53	50	56	52	2.1	1.2	2.5	2.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1211	Residential	Ground	S	55	52	57	52	56	53	58	54	1.3	0.4	1.6	1.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1211	Residential	Ground	E	51	47	51	47	51	48	52	48	0.2	-0.6	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1212	Residential	Ground	W	53	49	54	50	53	50	55	51	1.7	0.7	2	1.6	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1212	Residential	Ground	S	56	53	57	53	57	53	58	54	1	0.1	1.4	1.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1212	Residential	Ground	E	54	51	54	50	55	51	55	52	0.1	-0.7	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1212	Residential	Ground	N	48	44	48	44	48	45	49	45	0.3	-0.5	0.7	0.5	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1213	Residential	Ground	SW	51	48	52	47	52	48	53	49	0.4	-0.5	0.7	0.5	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1213	Residential	Ground	SE	54	51	55	51	55	51	56	52	0.9	-0.1	1.2	0.9	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1213	Residential	Ground	SE	54	50	55	51	54	51	56	52	1.3	0.4	1.7	1.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1213	Residential	Ground	SE	54	51	54	50	55	51	55	51	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1213	Residential	Ground	NE	54	51	54	50	55	51	55	52	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1213	Residential	Ground	NW	50	47	50	46	51	48	51	48	-0.1	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1213	Residential	Ground	NW	50	47	50	46	51	47	51	47	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1213	Residential	Ground	NW	50	47	50	46	51	47	51	47	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1214	Residential	Ground	W	50	46	51	47	50	47	52	48	1.8	0.9	2.1	1.7	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1214	Residential	Ground	SW	55	51	56	52	55	52	57	53	1.2	0.3	1.6	1.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1214	Residential	Ground	SW	55	51	56	52	55	52	57	53	1.3	0.5	1.6	1.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1214	Residential	Ground	S	55	52	57	52	56	52	57	54	1.2	0.2	1.5	1.1	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA14C	NCA14C.RES.1214	Residential	Ground	E	54	51	56	51	55	51	57	53	1.5	0.5	1.8	1.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1214	Residential	Ground	N	53	50	53	49	54	51	54	51	0	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1214	Residential	Ground	E	54	50	54	49	54	51	55	51	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1214	Residential	Ground	N	53	50	53	49	54	50	54	50	0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1215	Residential	Ground	W	50	47	51	47	51	47	52	48	1.4	0.4	1.8	1.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1215	Residential	Ground	S	55	51	56	52	55	52	57	53	1.2	0.3	1.5	1.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1215	Residential	Ground	S	53	49	55	50	54	50	56	52	1.7	0.8	2	1.6	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1215	Residential	Ground	SW	55	52	56	52	56	52	57	53	1.1	0.2	1.4	1.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1215	Residential	Ground	E	52	49	53	49	53	49	54	50	0.7	-0.1	1.2	0.8	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1215	Residential	Ground	NE	54	50	54	49	54	51	55	51	0	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1215	Residential	Ground	E	54	50	54	50	54	51	55	51	0	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1215	Residential	Ground	N	53	50	53	49	54	51	54	51	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1216	Residential	Ground	N	53	50	53	49	54	50	54	50	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1216	Residential	Ground	W	49	45	49	45	49	46	50	46	0.2	-0.6	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1216	Residential	Ground	N	52	48	52	48	52	49	53	49	0.1	-0.9	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1216	Residential	Ground	W	50	47	52	47	51	47	52	49	1.4	0.5	1.7	1.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1216	Residential	Ground	S	55	51	56	51	55	52	57	53	0.9	0	1.2	0.9	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1216	Residential	Ground	S	55	51	56	51	55	52	56	53	1	0	1.3	0.9	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1216	Residential	Ground	S	55	52	56	52	56	52	57	53	0.8	-0.1	1.2	0.9	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1216	Residential	Ground	E	51	47	53	48	51	48	53	49	1.9	0.9	2.2	1.7	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1217	Residential	Ground	W	51	47	52	48	51	48	53	49	1.9	1	2.2	1.8	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1217	Residential	Ground	S	55	52	56	52	56	52	57	53	0.7	-0.2	1.1	0.8	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1217	Residential	Ground	E	55	51	55	51	55	52	56	53	0.7	-0.3	1.1	0.7	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1217	Residential	Ground	N	53	50	53	49	54	51	54	51	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1218	Residential	Ground	N	54	51	54	50	55	51	55	51	0	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1218	Residential	Ground	W	49	45	49	45	49	46	50	46	0.3	-0.6	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1218	Residential	Ground	N	50	46	50	45	50	47	51	47	0.1	-0.7	0.6	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1218	Residential	Ground	W	52	48	53	49	52	49	54	50	1.4	0.4	1.7	1.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1218	Residential	Ground	S	55	52	56	52	56	52	57	53	0.5	-0.4	0.8	0.5	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1218	Residential	Ground	E	55	52	56	51	56	52	57	53	0.6	-0.3	0.9	0.6	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1218	Residential	Ground	S	55	52	56	51	56	52	56	53	0.6	-0.4	0.9	0.6	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1218	Residential	Ground	E	51	47	53	48	51	48	53	50	1.8	1	2.1	1.8	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1219	Residential	Ground	W	52	48	53	48	52	49	54	50	1.3	0.4	1.7	1.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1219	Residential	Ground	S	55	52	56	52	56	52	57	53	0.6	-0.3	0.9	0.6	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1219	Residential	Ground	E	56	52	56	51	56	53	57	53	0.2	-0.7	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1219	Residential	Ground	N	54	50	54	49	54	51	55	51	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1220	Residential	Ground	N	53	50	53	49	54	50	54	51	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA14C	NCA14C.RES.1220	Residential	Ground	W	53	50	54	50	54	50	55	51	0.9	-0.1	1.3	0.9	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1220	Residential	Ground	S	56	52	56	52	56	53	57	53	0.4	-0.4	0.9	0.6	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1220	Residential	Ground	E	51	47	51	47	51	48	52	48	0.4	-0.5	0.7	0.5	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1221	Residential	Ground	W	51	48	52	47	52	48	53	49	0.2	-0.7	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1221	Residential	Ground	S	56	52	56	52	56	53	57	54	0.5	-0.4	0.8	0.6	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1221	Residential	Ground	S	55	52	56	52	56	53	57	53	0.6	-0.3	0.9	0.7	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1221	Residential	Ground	S	56	52	56	52	56	53	57	53	0.6	-0.4	0.9	0.6	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1221	Residential	Ground	E	55	51	55	50	55	52	56	52	0.1	-0.7	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1221	Residential	Ground	N	52	49	52	48	53	49	53	50	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1221	Residential	Ground	N	53	49	53	48	53	50	54	50	0.1	-0.9	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1221	Residential	Ground	N	53	50	53	49	54	50	54	51	0	-0.9	0.5	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1222	Residential	Ground	NW	52	49	52	48	53	49	53	49	0.1	-0.8	0.5	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1222	Residential	Ground	NW	52	48	52	47	52	49	53	49	0.1	-0.9	0.5	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1222	Residential	Ground	SW	52	48	52	48	52	49	53	49	0.8	-0.2	1.1	0.8	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1222	Residential	Ground	SW	53	49	53	49	53	50	54	50	0.4	-0.5	0.7	0.5	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1222	Residential	Ground	SE	55	52	56	51	56	52	56	53	0.5	-0.4	0.8	0.6	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1222	Residential	Ground	NE	54	50	54	50	54	51	55	51	0	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1222	Residential	Ground	SE	53	50	53	49	54	50	54	51	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1222	Residential	Ground	NE	50	47	50	46	51	47	51	47	0.2	-0.8	0.5	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1223	Residential	Ground	SW	50	47	50	46	51	47	51	48	0.1	-0.8	0.5	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1223	Residential	Ground	SE	53	50	53	49	54	50	54	50	0.2	-0.8	0.5	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1223	Residential	Ground	SW	52	49	53	48	53	50	54	50	0.2	-0.8	0.6	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1223	Residential	Ground	SE	55	51	55	51	55	52	56	52	0.2	-0.7	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1223	Residential	Ground	NE	53	50	53	49	54	50	54	50	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1223	Residential	Ground	NW	51	48	51	47	52	48	52	49	0.1	-0.8	0.5	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1223	Residential	Ground	NE	52	48	52	47	52	49	53	49	0.1	-0.7	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1223	Residential	Ground	NW	52	49	52	48	53	49	53	49	0.1	-0.8	0.5	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1224	Residential	Ground	NW	50	47	50	46	51	47	51	48	0.1	-0.9	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1224	Residential	Ground	SW	52	48	52	47	52	49	53	49	0.2	-0.7	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1224	Residential	Ground	SE	54	50	54	50	54	51	55	51	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1224	Residential	Ground	NE	50	47	50	46	51	47	51	48	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1225	Residential	Ground	W	51	47	52	47	51	48	53	49	1.1	0.2	1.4	1.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1225	Residential	Ground	SW	56	53	57	52	57	53	58	54	0.6	-0.3	1	0.7	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1225	Residential	Ground	E	56	53	57	53	57	54	58	54	0.6	-0.3	1	0.6	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1225	Residential	Ground	SW	56	53	57	53	57	53	58	54	0.6	-0.2	1	0.7	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1225	Residential	Ground	E	59	55	59	55	59	56	60	56	0.5	-0.6	0.8	0.5	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1225	Residential	Ground	NE	57	54	57	53	58	54	58	55	0.1	-1.1	0.5	0.3	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA14C	NCA14C.RES.1225	Residential	Ground	E	57	54	57	53	58	55	58	55	0	-1.1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1225	Residential	Ground	NE	57	54	57	53	58	54	58	54	0	-1.1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1226	Residential	Ground	W	51	48	51	47	52	48	52	49	0.3	-0.7	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1226	Residential	Ground	S	52	49	52	48	53	49	53	49	0.2	-0.7	0.6	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1226	Residential	Ground	W	51	48	51	47	52	48	52	48	0.2	-0.6	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1226	Residential	Ground	S	54	51	54	50	55	51	55	51	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1226	Residential	Ground	E	55	51	55	51	55	52	56	52	0.3	-0.5	0.8	0.5	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1226	Residential	Ground	S	55	51	55	51	55	52	56	52	0.1	-0.7	0.6	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1226	Residential	Ground	E	58	55	58	54	58	55	59	55	0.1	-0.9	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1226	Residential	Ground	N	57	54	57	53	58	54	58	54	0	-1.1	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1226	Residential	Ground	N	56	53	56	52	57	54	57	54	0	-1.1	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1226	Residential	Ground	N	53	50	53	49	54	50	54	51	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1226	Residential	Ground	W	50	46	50	45	50	47	51	47	0.2	-0.7	0.5	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1226	Residential	Ground	N	51	48	51	47	52	48	52	48	0	-0.7	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1227	Residential	Ground	NE	54	50	54	49	54	51	55	51	0	-0.9	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1227	Residential	Ground	SE	55	51	55	50	55	52	56	52	0	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1227	Residential	Ground	NE	52	49	52	48	53	49	53	50	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1227	Residential	Ground	NW	51	47	51	46	51	48	52	48	0.2	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1227	Residential	Ground	SW	50	46	50	45	50	47	51	47	0.1	-0.8	0.5	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1227	Residential	Ground	NW	50	46	50	46	51	47	51	47	0.2	-0.7	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1227	Residential	Ground	SW	53	49	53	49	53	50	54	50	0.3	-0.5	0.7	0.5	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1227	Residential	Ground	SE	54	51	55	50	55	52	56	52	0.3	-0.7	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1228	Residential	Ground	NE	53	50	53	49	54	50	54	50	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1228	Residential	Ground	NE	51	48	51	47	51	48	52	48	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1228	Residential	Ground	NW	50	46	50	46	50	47	51	47	0.2	-0.7	0.6	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1228	Residential	Ground	SW	53	50	53	49	54	50	54	51	0	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1228	Residential	Ground	SE	55	52	55	51	56	52	56	53	0.1	-0.7	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1228	Residential	Ground	SW	55	51	55	51	55	52	56	52	0.2	-0.6	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1228	Residential	Ground	SE	58	55	58	54	59	55	59	56	0.1	-0.9	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1229	Residential	Ground	W	48	45	49	45	49	45	50	46	0.6	-0.4	0.9	0.6	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1229	Residential	Ground	S	47	44	48	43	48	44	49	45	0.4	-0.5	0.9	0.5	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1229	Residential	Ground	W	47	43	48	43	48	44	48	45	0.6	-0.4	0.9	0.6	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1229	Residential	Ground	S	53	50	53	49	53	50	54	50	0.1	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1229	Residential	Ground	E	59	55	59	54	59	56	60	56	0.2	-0.9	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1229	Residential	Ground	E	58	54	58	53	58	55	59	55	0	-1.1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1229	Residential	Ground	E	58	55	58	54	59	55	59	56	0	-1.1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1229	Residential	Ground	N	53	50	53	49	54	50	54	50	-0.1	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA14C	NCA14C.RES.1230	Residential	Ground	N	51	47	51	46	51	48	52	48	0	-0.8	0.5	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1230	Residential	Ground	W	50	47	50	46	51	47	51	48	0.3	-0.5	0.7	0.5	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1230	Residential	Ground	S	53	50	53	49	54	51	54	51	-0.1	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1230	Residential	Ground	E	59	55	59	54	59	56	60	56	0	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1231	Residential	Ground	E	59	55	59	54	59	56	60	56	0.1	-1	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1231	Residential	Ground	N	58	54	58	53	58	55	59	55	0	-1.1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1231	Residential	Ground	W	50	47	50	46	51	47	51	47	0.1	-0.8	0.5	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1231	Residential	Ground	S	55	52	55	51	56	53	56	53	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1232	Residential	Ground	N	51	48	52	47	52	49	52	49	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1232	Residential	Ground	W	51	48	52	47	52	48	53	49	0.5	-0.5	0.9	0.5	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1232	Residential	Ground	S	52	49	52	48	53	49	53	50	0.1	-0.7	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1232	Residential	Ground	E	56	53	56	52	57	53	57	54	0.1	-1	0.5	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1233	Residential	Ground	W	51	48	51	47	52	48	52	49	0.3	-0.6	0.7	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1233	Residential	Ground	S	53	49	53	48	53	50	54	50	0	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1233	Residential	Ground	E	58	55	58	54	59	55	59	56	0	-1.1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1233	Residential	Ground	E	58	55	58	54	59	55	59	55	0	-1.1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1233	Residential	Ground	E	58	55	58	54	59	55	59	56	0	-1	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1233	Residential	Ground	N	57	54	57	53	58	54	58	54	0.1	-1.1	0.5	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1233	Residential	Ground	E	58	55	58	54	59	55	59	56	0	-1	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1233	Residential	Ground	N	57	54	57	53	58	54	58	54	0.1	-1.1	0.5	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1233	Residential	Ground	W	50	47	50	46	51	47	51	47	0.1	-0.7	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1233	Residential	Ground	N	51	47	51	46	51	48	52	48	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1234	Residential	Ground	W	50	47	51	46	51	48	52	48	0.3	-0.6	0.7	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1234	Residential	Ground	SW	53	50	53	49	54	50	54	50	0.3	-0.7	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1234	Residential	Ground	E	55	52	56	51	56	53	57	53	0.1	-0.8	0.6	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1234	Residential	Ground	N	58	55	58	54	59	55	59	55	0	-1.1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1235	Residential	Ground	S	52	48	52	48	52	49	53	49	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1235	Residential	Ground	E	54	51	54	50	55	51	55	52	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1235	Residential	Ground	N	57	54	57	53	58	54	58	55	0	-1.1	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1235	Residential	Ground	W	51	48	52	47	52	48	53	49	0.6	-0.4	1	0.6	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1254	Residential	Ground	W	49	45	49	44	49	46	50	46	0.2	-0.7	0.6	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1254	Residential	Ground	N	48	45	48	44	49	45	49	46	0.2	-0.6	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1254	Residential	Ground	W	51	48	52	48	52	48	53	49	1	0	1.3	0.9	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1254	Residential	Ground	S	54	51	55	51	55	51	56	52	0.6	-0.3	1.1	0.8	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1254	Residential	Ground	E	57	54	58	53	58	55	59	55	0.2	-0.9	0.6	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1254	Residential	Ground	N	56	53	56	52	57	54	57	54	0	-1.1	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1255	Residential	Ground	N	51	48	51	47	52	48	52	49	0.1	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1255	Residential	Ground	W	52	48	53	49	52	49	54	50	1.3	0.4	1.7	1.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1255	Residential	Ground	W	51	48	53	48	52	48	54	49	1.5	0.4	1.8	1.3	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14C	NCA14C.RES.1255	Residential	Ground	W	52	48	53	48	52	49	54	50	1.5	0.4	1.8	1.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1255	Residential	Ground	S	54	51	55	50	55	51	55	52	0.5	-0.4	0.8	0.6	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1255	Residential	Ground	E	56	53	57	52	57	53	58	54	0.3	-0.6	0.7	0.5	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1255	Residential	Ground	E	56	53	56	52	57	53	57	54	0.4	-0.6	0.7	0.6	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1255	Residential	Ground	E	57	54	58	53	58	54	58	55	0.3	-0.7	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1256	Residential	Ground	NW	50	46	50	45	50	47	51	47	0.2	-0.7	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1256	Residential	Ground	SW	55	51	56	52	55	52	57	53	1.6	0.7	1.9	1.5	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1256	Residential	Ground	SE	54	50	54	50	54	51	55	51	0.2	-0.8	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1256	Residential	Ground	NE	56	52	56	51	56	53	57	53	0	-1	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1257	Residential	Ground	SW	54	51	56	51	55	52	57	53	1.2	0.2	1.5	1.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1257	Residential	Ground	SE	57	53	57	53	57	54	58	55	0.8	0	1.1	0.9	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1257	Residential	Ground	NE	52	49	52	48	53	50	53	50	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1257	Residential	Ground	NW	50	46	50	46	50	47	51	47	0.1	-0.7	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1258	Residential	Ground	N	53	49	53	49	53	50	54	50	0	-0.9	0.5	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1258	Residential	Ground	N	51	47	51	47	51	48	52	48	0.2	-0.9	0.6	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1258	Residential	Ground	N	53	49	53	48	53	50	54	50	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1258	Residential	Ground	W	51	48	53	49	52	48	54	50	1.8	0.8	2.1	1.7	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1258	Residential	Ground	S	54	51	55	51	55	51	56	52	0.9	0.1	1.3	1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1258	Residential	Ground	W	54	50	55	50	54	51	56	52	1.1	0.1	1.4	1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1258	Residential	Ground	S	55	52	56	52	56	52	57	53	0.8	-0.2	1.1	0.8	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1258	Residential	Ground	E	52	48	53	49	52	49	54	50	1.6	0.6	1.9	1.5	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1259	Residential	Ground	N	55	52	55	51	56	52	56	53	0	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1259	Residential	Ground	W	50	46	51	46	50	47	52	48	0.9	0	1.3	0.9	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1259	Residential	Ground	S	54	50	54	50	54	51	55	51	0.5	-0.4	0.8	0.6	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1259	Residential	Ground	E	57	53	57	53	57	54	58	54	0.3	-0.7	0.7	0.5	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1260	Residential	Ground	W	50	46	51	47	50	47	52	48	1.6	0.7	1.9	1.5	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1260	Residential	Ground	S	55	51	55	51	55	52	56	52	0.6	-0.3	1	0.6	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1260	Residential	Ground	E	54	51	55	51	55	52	56	52	0.9	0	1.2	0.9	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1260	Residential	Ground	N	51	48	51	47	52	48	52	49	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1261	Residential	Ground	W	51	47	52	48	51	48	53	49	1.3	0.3	1.7	1.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1261	Residential	Ground	S	54	50	55	50	54	51	56	52	0.7	-0.1	1.1	0.8	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1261	Residential	Ground	W	53	50	54	50	54	50	55	51	0.6	-0.2	0.9	0.7	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1261	Residential	Ground	S	55	51	55	51	55	52	56	52	0.5	-0.4	0.8	0.6	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1261	Residential	Ground	E	50	47	51	47	51	47	52	48	1.3	0.4	1.6	1.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1261	Residential	Ground	N	53	50	53	49	54	50	54	50	0	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1261	Residential	Ground	E	53	50	53	49	54	50	54	51	0	-0.9	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1261	Residential	Ground	N	54	50	54	49	54	51	55	51	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14C	NCA14C.RES.1262	Residential	Ground	SW	51	48	51	47	52	48	52	49	0.4	-0.5	0.7	0.5	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1262	Residential	Ground	SE	55	52	55	51	56	52	56	53	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1262	Residential	Ground	NE	55	51	55	51	55	52	56	52	0.1	-0.7	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1262	Residential	Ground	SE	55	51	55	51	55	52	56	52	0.2	-0.7	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1262	Residential	Ground	NE	51	47	51	47	51	48	52	48	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1262	Residential	Ground	NW	53	50	53	49	54	50	54	51	0.1	-1.1	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1263	Residential	Ground	NW	53	50	53	49	54	50	54	50	0.1	-0.9	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1263	Residential	Ground	SW	50	47	50	46	51	47	51	47	0.1	-0.7	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1263	Residential	Ground	SE	50	46	50	46	50	47	51	47	0.2	-0.8	0.5	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1263	Residential	Ground	NE	55	52	55	51	56	52	56	52	0	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1264	Residential	Ground	S	54	51	55	51	55	51	56	52	0.5	-0.4	0.8	0.6	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1264	Residential	Ground	E	55	52	55	51	55	52	56	53	0.5	-0.4	0.9	0.6	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1264	Residential	Ground	N	51	47	51	46	51	48	52	48	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1264	Residential	Ground	W	50	46	51	47	50	47	52	48	1.2	0.3	1.5	1.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1265	Residential	Ground	NW	50	47	50	46	51	47	51	48	0	-0.8	0.5	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1265	Residential	Ground	NW	48	45	49	44	49	45	50	46	0.2	-0.7	0.6	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1265	Residential	Ground	NW	50	46	50	46	50	47	51	47	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1265	Residential	Ground	SW	53	50	54	50	54	50	55	51	0.7	-0.1	1	0.8	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1265	Residential	Ground	SW	53	50	54	50	54	50	55	51	0.7	-0.1	1	0.8	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1265	Residential	Ground	SE	55	51	55	51	55	52	56	52	0.3	-0.6	0.7	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1265	Residential	Ground	SW	54	51	54	50	55	51	55	52	0.4	-0.4	0.8	0.6	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1265	Residential	Ground	SE	56	53	57	52	57	53	57	54	0.3	-0.7	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1265	Residential	Ground	NE	52	48	52	47	52	49	53	49	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1266	Residential	Ground	SW	51	47	51	46	51	48	52	48	0.2	-0.7	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1266	Residential	Ground	SE	56	53	56	52	57	53	57	54	0.3	-0.7	0.7	0.5	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1266	Residential	Ground	NE	56	52	56	51	56	53	57	53	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1266	Residential	Ground	NE	55	52	55	51	56	53	56	53	0	-1	0.5	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1266	Residential	Ground	NW	50	47	50	46	51	47	51	48	0.1	-0.7	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1267	Residential	Ground	NW	49	46	50	45	50	47	51	47	0.2	-0.7	0.6	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1267	Residential	Ground	NE	52	49	52	48	53	49	53	49	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1267	Residential	Ground	NW	51	47	51	47	51	48	52	48	0.7	-0.2	1	0.7	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1267	Residential	Ground	SW	52	48	52	48	52	49	53	49	0.1	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1267	Residential	Ground	SE	58	54	58	53	58	55	59	55	0.2	-0.9	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1267	Residential	Ground	NE	57	54	57	53	58	54	58	54	0	-1	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1267	Residential	Ground	SE	57	54	57	53	58	54	58	55	0	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1267	Residential	Ground	NE	56	53	56	52	57	53	57	54	0	-1	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1268	Residential	Ground	W	49	46	50	45	50	46	51	47	0.3	-0.6	0.7	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1268	Residential	Ground	S	53	50	53	49	54	50	54	51	0.2	-0.7	0.5	0.3	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14C	NCA14C.RES.1268	Residential	Ground	E	56	52	56	51	56	53	57	53	0.2	-0.7	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1268	Residential	Ground	N	55	52	55	51	56	52	56	53	0	-1	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1269	Residential	Ground	W	50	46	50	46	50	47	51	47	0.3	-0.6	0.8	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1269	Residential	Ground	S	53	49	53	48	53	50	54	50	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1269	Residential	Ground	E	57	54	57	53	58	54	58	54	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1269	Residential	Ground	S	55	52	56	51	56	53	57	53	0.2	-0.7	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1269	Residential	Ground	E	57	54	57	53	58	54	58	55	0.1	-0.7	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1269	Residential	Ground	E	57	54	57	53	58	54	58	54	0.1	-0.8	0.5	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1269	Residential	Ground	N	54	51	54	50	54	51	55	51	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1270	Residential	Ground	W	50	46	50	46	50	47	51	47	0.6	-0.4	0.9	0.6	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1270	Residential	Ground	S	52	49	52	48	53	49	53	49	0.1	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1270	Residential	Ground	E	56	52	56	51	56	53	57	53	0	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1270	Residential	Ground	S	53	50	53	49	54	50	54	51	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1270	Residential	Ground	E	56	53	56	52	57	53	57	53	0.1	-0.7	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1270	Residential	Ground	N	54	51	54	50	55	51	55	51	0	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1271	Residential	Ground	W	50	46	50	46	50	47	51	47	0.2	-0.7	0.6	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1271	Residential	Ground	S	52	49	52	48	53	49	53	50	0	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1271	Residential	Ground	E	57	53	57	52	57	54	58	54	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1271	Residential	Ground	N	55	52	55	51	56	53	56	53	0	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1343	Residential	Ground	SW	53	50	53	49	54	50	54	51	-0.1	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1343	Residential	Ground	SE	60	57	60	56	61	57	61	58	0.1	-1.3	0.6	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1343	Residential	Ground	NE	61	57	61	56	61	58	62	58	0	-1.3	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1343	Residential	Ground	SE	59	56	59	55	60	56	60	57	0	-1.1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1343	Residential	Ground	NE	59	56	59	55	60	57	60	57	0	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1343	Residential	Ground	NW	58	55	58	54	59	55	59	55	0	-1.1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1344	Residential	Ground	W	53	50	53	49	54	50	54	51	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1344	Residential	Ground	S	56	53	56	52	57	53	57	53	-0.1	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1344	Residential	Ground	E	57	53	57	52	57	54	58	54	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1344	Residential	Ground	N	60	57	60	56	61	57	61	58	0	-1.3	0.6	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1344	Residential	Ground	E	61	57	61	56	61	58	62	58	0.1	-1.4	0.6	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1344	Residential	Ground	N	61	57	61	56	61	58	62	58	0.1	-1.3	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1345	Residential	Ground	W	54	51	54	50	55	51	55	51	0.2	-0.7	0.6	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1345	Residential	Ground	S	56	53	56	52	57	53	57	53	0	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1345	Residential	Ground	E	61	58	61	57	62	58	62	59	0	-1.2	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1345	Residential	Ground	E	61	58	61	56	61	58	62	58	0	-1.3	0.5	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1345	Residential	Ground	E	61	58	61	57	62	58	62	59	0.1	-1.3	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1345	Residential	Ground	N	61	57	61	56	61	58	62	58	0.1	-1.2	0.5	0.3	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14C	NCA14C.RES.1346	Residential	Ground	W	54	50	54	50	54	51	55	51	0	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1346	Residential	Ground	S	57	54	57	53	57	54	58	54	0	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1346	Residential	Ground	E	61	58	61	56	61	58	62	58	0	-1.1	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1346	Residential	Ground	N	60	57	60	56	61	57	61	58	0	-1.2	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1346	Residential	Ground	E	60	57	60	55	61	57	61	57	-0.1	-1.2	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1347	Residential	Ground	SW	55	51	55	50	55	52	56	52	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1347	Residential	Ground	SE	58	55	58	54	59	55	59	55	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1347	Residential	Ground	SE	58	54	58	53	58	55	59	55	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1347	Residential	Ground	SE	58	54	58	53	58	55	59	55	0	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1347	Residential	Ground	NE	57	53	57	52	57	54	58	54	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1347	Residential	Ground	NW	55	51	55	50	55	52	56	52	0	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1348	Residential	Ground	W	54	50	54	49	54	51	55	51	0.2	-0.7	0.5	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1348	Residential	Ground	S	57	53	57	52	57	54	58	54	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1348	Residential	Ground	E	57	54	58	53	58	55	58	55	0.1	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1348	Residential	Ground	S	57	54	57	53	58	54	58	54	0	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1348	Residential	Ground	E	57	54	57	53	58	54	58	55	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1348	Residential	Ground	S	57	54	57	53	58	54	58	54	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1348	Residential	Ground	E	58	54	58	54	58	55	59	55	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1348	Residential	Ground	N	57	54	57	53	58	54	58	55	-0.1	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1349	Residential	Ground	W	54	51	54	50	55	51	55	51	0.2	-0.7	0.6	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1349	Residential	Ground	S	56	53	56	52	57	53	57	54	-0.1	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1349	Residential	Ground	E	61	57	61	56	61	58	62	58	0	-1.1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1349	Residential	Ground	E	60	57	60	56	61	58	61	58	-0.1	-1.2	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1349	Residential	Ground	E	61	57	61	56	61	58	62	58	0	-1.1	0.5	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1349	Residential	Ground	N	57	53	57	52	57	54	58	54	0	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1350	Residential	Ground	W	54	51	54	50	55	51	55	52	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1350	Residential	Ground	S	58	55	58	54	59	55	59	55	0	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1350	Residential	Ground	E	58	55	58	54	59	56	59	56	0	-1	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1350	Residential	Ground	S	58	55	58	54	59	56	59	56	0	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1350	Residential	Ground	E	61	57	61	56	61	58	62	58	0	-1.1	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1350	Residential	Ground	N	56	53	56	52	57	53	57	53	-0.1	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1351	Residential	Ground	W	54	51	56	51	55	51	57	53	1.6	0.7	2	1.6	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1351	Residential	Ground	S	56	52	57	52	56	53	57	54	0.8	-0.2	1.1	0.9	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1351	Residential	Ground	E	58	55	58	54	59	56	59	56	0	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1351	Residential	Ground	E	58	55	58	54	59	55	59	55	0	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1351	Residential	Ground	E	58	55	58	54	59	56	59	56	-0.1	-1.1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1351	Residential	Ground	N	57	54	57	53	58	54	58	55	-0.1	-1.1	0.4	0.3	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14C	NCA14C.RES.1352	Residential	Ground	SW	56	52	56	52	56	53	57	54	0.9	-0.1	1.2	0.9	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1352	Residential	Ground	SE	56	53	56	52	57	53	57	54	0	-1	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1352	Residential	Ground	SW	55	52	55	51	56	52	56	53	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1352	Residential	Ground	SE	56	52	56	52	56	53	57	53	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1352	Residential	Ground	NE	57	53	57	52	57	54	58	54	0	-1	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1352	Residential	Ground	NE	58	54	58	53	58	55	59	55	0	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1352	Residential	Ground	NE	58	55	58	53	58	55	59	55	0	-1.1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1352	Residential	Ground	NE	58	55	58	54	59	55	59	56	-0.1	-1.1	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1352	Residential	Ground	NW	56	53	56	51	57	53	57	53	0	-1.1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1352	Residential	Ground	NE	56	53	56	52	57	53	57	54	0	-1.1	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1352	Residential	Ground	NW	55	52	56	52	56	52	57	53	0.8	-0.1	1.2	0.9	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1353	Residential	Ground	W	54	50	54	49	54	51	55	51	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1353	Residential	Ground	S	57	53	57	52	57	54	58	54	0	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1353	Residential	Ground	S	56	53	57	52	57	54	57	54	0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1353	Residential	Ground	S	57	53	57	52	57	54	58	54	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1353	Residential	Ground	N	57	54	57	53	58	54	58	55	0	-1.1	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1353	Residential	Ground	E	57	54	57	53	58	55	58	55	-0.1	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1353	Residential	Ground	N	57	54	57	53	58	55	58	55	-0.1	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1354	Residential	Ground	W	54	51	54	50	55	51	55	52	0	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1354	Residential	Ground	S	58	55	58	54	59	55	59	55	-0.1	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1354	Residential	Ground	E	60	56	60	55	60	57	61	57	-0.1	-1.1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1354	Residential	Ground	E	60	56	59	55	60	57	60	57	-0.1	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1354	Residential	Ground	E	60	57	60	55	60	57	61	57	0	-1.1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1355	Residential	Ground	NW	54	51	54	50	55	51	55	52	0	-1	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1355	Residential	Ground	SW	56	53	56	52	57	53	57	54	0	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1355	Residential	Ground	SE	60	56	60	55	60	57	60	57	0	-1	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1355	Residential	Ground	SE	59	56	59	55	60	56	60	56	-0.1	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1355	Residential	Ground	SE	60	56	60	55	60	57	61	57	0	-1	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1355	Residential	Ground	E	60	56	60	55	60	57	61	57	-0.1	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1355	Residential	Ground	N	58	54	58	53	58	55	59	55	0	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1356	Residential	Ground	W	54	50	54	50	54	51	55	51	0.1	-0.8	0.6	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1356	Residential	Ground	S	57	54	57	53	58	54	58	54	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1356	Residential	Ground	S	57	54	57	53	57	54	58	54	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1356	Residential	Ground	S	57	54	57	53	58	54	58	54	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1356	Residential	Ground	E	57	54	57	53	58	54	58	55	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1356	Residential	Ground	N	56	53	56	52	57	53	57	53	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1357	Residential	Ground	SW	54	51	54	50	55	51	55	52	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14C	NCA14C.RES.1357	Residential	Ground	SE	57	54	57	53	58	55	58	55	0	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1357	Residential	Ground	S	57	54	57	53	58	54	58	54	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1357	Residential	Ground	NE	56	52	56	51	56	53	57	53	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1357	Residential	Ground	N	57	53	57	52	57	54	57	54	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1357	Residential	Ground	SW	54	50	54	49	54	51	55	51	-0.1	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1357	Residential	Ground	NW	52	49	52	48	53	49	53	49	0	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1357	Residential	Ground	NW	53	49	53	48	53	50	54	50	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1358	Residential	Ground	W	52	49	52	48	53	49	53	50	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1358	Residential	Ground	N	54	50	54	49	54	51	55	51	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1358	Residential	Ground	W	53	50	55	50	54	51	56	52	1.3	0.3	1.6	1.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1358	Residential	Ground	S	52	49	53	48	53	50	53	50	0.1	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1358	Residential	Ground	E	58	55	58	54	59	55	59	56	0.3	-0.7	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1358	Residential	Ground	E	58	54	58	54	58	55	59	55	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1358	Residential	Ground	E	58	54	58	54	58	55	59	55	0	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1358	Residential	Ground	E	57	54	57	53	58	54	58	54	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1358	Residential	Ground	N	55	52	55	51	56	52	56	53	0	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1359	Residential	Ground	N	53	49	53	48	53	50	54	50	0	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1359	Residential	Ground	W	54	51	55	51	55	51	56	52	1.2	0.2	1.5	1.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1359	Residential	Ground	S	57	53	57	53	57	54	58	54	0.4	-0.7	0.7	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1359	Residential	Ground	E	58	55	58	54	58	55	59	55	0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1360	Residential	Ground	NW	54	51	55	50	55	51	56	52	0.4	-0.5	0.9	0.5	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1360	Residential	Ground	SW	55	52	55	51	56	52	56	52	0.3	-0.6	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1360	Residential	Ground	SW	54	50	54	49	54	51	55	51	-0.1	-1	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1360	Residential	Ground	SW	53	50	53	49	54	50	54	51	-0.1	-1.1	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1360	Residential	Ground	SE	57	54	57	53	57	54	58	54	0	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1360	Residential	Ground	NE	57	54	57	53	58	55	58	55	-0.1	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1360	Residential	Ground	SE	58	54	58	53	58	55	59	55	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1360	Residential	Ground	NE	58	54	58	53	58	55	58	55	0	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1361	Residential	Ground	NW	55	51	55	50	55	52	56	52	0.1	-0.9	0.5	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1361	Residential	Ground	SW	55	52	55	51	56	52	56	52	0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1361	Residential	Ground	SE	57	54	57	53	58	55	58	55	0	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1361	Residential	Ground	NE	58	54	57	53	58	55	58	55	-0.1	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1361	Residential	Ground	E	58	54	58	53	58	55	59	55	0	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1361	Residential	Ground	NE	58	55	58	54	59	55	59	55	-0.1	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1362	Residential	Ground	NW	56	52	55	51	56	53	56	53	-0.1	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1362	Residential	Ground	SW	55	52	55	51	56	52	56	53	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1362	Residential	Ground	SE	59	56	59	55	60	56	60	57	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14C	NCA14C.RES.1362	Residential	Ground	NE	59	56	59	55	59	56	60	56	-0.1	-1	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1363	Residential	Ground	W	54	51	54	50	55	51	55	51	0.2	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1363	Residential	Ground	S	57	54	57	53	57	54	58	54	-0.1	-1	0.4	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1363	Residential	Ground	E	59	56	59	55	60	57	60	57	0	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1363	Residential	Ground	E	59	56	59	55	60	56	60	56	-0.1	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1363	Residential	Ground	E	59	56	59	55	60	57	60	57	-0.1	-1	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1363	Residential	Ground	N	58	54	58	53	58	55	59	55	0	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1364	Residential	Ground	N	57	53	57	52	57	54	58	54	0	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1364	Residential	Ground	W	53	50	53	49	54	50	54	50	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1364	Residential	Ground	S	55	52	55	51	56	52	56	52	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1364	Residential	Ground	W	54	50	54	49	54	51	55	51	0.1	-0.9	0.5	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1364	Residential	Ground	S	56	53	56	52	57	53	57	53	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1364	Residential	Ground	E	53	49	53	48	53	50	54	50	0.1	-0.8	0.6	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1364	Residential	Ground	N	57	53	57	53	57	54	58	54	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1365	Residential	Ground	W	53	50	53	49	54	50	54	51	0	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1365	Residential	Ground	S	56	53	56	52	57	53	57	54	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1365	Residential	Ground	S	57	53	57	52	57	54	58	54	0	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1365	Residential	Ground	E	57	54	57	53	58	55	58	55	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1365	Residential	Ground	S	56	53	56	52	57	54	57	54	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1365	Residential	Ground	E	58	55	58	54	59	55	59	55	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1365	Residential	Ground	N	58	54	57	53	58	55	58	55	-0.1	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1366	Residential	Ground	W	54	51	54	50	55	51	55	51	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1366	Residential	Ground	S	55	52	55	51	56	52	56	52	0	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1366	Residential	Ground	E	59	56	59	55	60	57	60	57	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1366	Residential	Ground	N	58	55	58	54	59	55	59	55	-0.1	-1	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1367	Residential	Ground	W	55	51	55	51	55	52	56	52	0.7	-0.3	1	0.7	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1367	Residential	Ground	S	56	52	56	52	56	53	57	53	0.1	-0.8	0.5	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1367	Residential	Ground	E	58	54	58	53	58	55	59	55	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1367	Residential	Ground	E	57	53	57	53	57	54	58	54	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1367	Residential	Ground	E	58	54	57	53	58	55	58	55	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1367	Residential	Ground	N	57	53	57	53	57	54	58	54	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1367	Residential	Ground	E	57	54	57	53	58	54	58	54	0	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1367	Residential	Ground	N	57	53	56	52	57	54	57	54	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1367	Residential	Ground	W	55	52	56	52	56	52	57	53	0.8	-0.2	1.1	0.8	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1367	Residential	Ground	S	55	51	56	51	55	52	56	53	0.7	-0.2	1.1	0.8	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1368	Residential	Ground	W	54	51	54	50	55	51	55	51	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1368	Residential	Ground	S	57	53	57	52	57	54	58	54	0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14C	NCA14C.RES.1368	Residential	Ground	E	60	56	59	55	60	57	60	57	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1369	Residential	Ground	NW	57	54	57	53	57	54	58	54	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1369	Residential	Ground	NE	57	54	57	53	57	54	58	54	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1369	Residential	Ground	NW	56	53	56	52	57	53	57	53	0	-1	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1369	Residential	Ground	SW	56	52	57	52	56	53	58	54	1	0	1.4	1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1369	Residential	Ground	SE	56	53	57	52	57	54	57	54	0.1	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1369	Residential	Ground	NE	58	55	58	54	59	55	59	56	0	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1370	Residential	Ground	SW	55	51	55	50	55	52	56	52	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1370	Residential	Ground	NW	53	50	53	49	54	50	54	50	0	-0.9	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1370	Residential	Ground	SW	55	52	55	51	56	52	56	52	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1370	Residential	Ground	SE	55	51	55	50	55	52	56	52	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1370	Residential	Ground	NE	59	55	59	54	59	56	59	56	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1370	Residential	Ground	NW	57	53	57	52	57	54	57	54	0	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1370	Residential	Ground	NE	58	54	58	53	58	55	59	55	-0.1	-1	0.4	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1370	Residential	Ground	NW	56	52	56	51	56	53	56	53	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1371	Residential	Ground	NW	55	52	55	51	56	52	56	53	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1371	Residential	Ground	SW	55	52	56	51	56	52	57	53	0.1	-0.7	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1371	Residential	Ground	SE	58	55	58	54	59	56	59	56	0	-1	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1371	Residential	Ground	NE	58	55	58	54	59	56	59	56	0	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1371	Residential	Ground	NE	58	55	58	54	59	56	59	56	-0.1	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1371	Residential	Ground	NE	59	55	59	54	59	56	59	56	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1372	Residential	Ground	W	55	51	55	51	55	52	56	52	0.2	-0.7	0.5	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1372	Residential	Ground	S	58	55	58	54	59	56	59	56	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1372	Residential	Ground	E	60	57	60	56	61	57	61	57	-0.1	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1372	Residential	Ground	E	59	56	59	55	60	56	60	57	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1372	Residential	Ground	E	60	56	60	55	60	57	61	57	-0.1	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1372	Residential	Ground	N	58	55	58	54	59	56	59	56	-0.1	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1373	Residential	Ground	NW	54	50	54	49	54	51	55	51	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1373	Residential	Ground	SE	57	53	57	52	57	54	58	54	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1373	Residential	Ground	SW	56	53	56	52	57	53	57	53	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1373	Residential	Ground	SE	58	55	58	54	59	55	59	55	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1373	Residential	Ground	NE	56	53	56	52	57	53	57	53	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1374	Residential	Ground	NW	55	51	55	50	55	52	56	52	0	-0.9	0.5	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1374	Residential	Ground	SW	57	54	57	53	58	54	58	55	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1374	Residential	Ground	SE	60	57	60	56	60	57	61	57	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1374	Residential	Ground	NE	59	55	59	55	59	56	60	56	-0.1	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1374	Residential	Ground	SE	59	56	59	55	60	56	60	56	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA14C	NCA14C.RES.1374	Residential	Ground	NE	57	54	57	53	58	54	58	55	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1375	Residential	Ground	NW	55	52	57	53	56	52	58	54	2.1	1.1	2.5	1.9	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1375	Residential	Ground	SW	56	53	57	52	57	53	58	54	0.6	-0.4	1	0.7	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1375	Residential	Ground	NE	56	53	56	52	57	53	57	54	-0.1	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1375	Residential	Ground	SE	57	53	57	52	57	54	58	54	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1375	Residential	Ground	SE	57	54	57	53	58	54	58	54	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1375	Residential	Ground	NE	53	50	53	49	54	50	54	50	0.1	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1376	Residential	Ground	NW	55	52	55	51	56	53	56	53	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1376	Residential	Ground	SW	53	50	53	49	54	50	54	50	0	-0.9	0.5	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1376	Residential	Ground	NW	55	51	55	50	55	52	56	52	0	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1376	Residential	Ground	SW	57	54	57	53	57	54	58	54	0.2	-0.7	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1376	Residential	Ground	SE	59	56	59	55	60	57	60	57	0	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1376	Residential	Ground	SE	59	56	59	55	60	56	60	56	0	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1376	Residential	Ground	SE	59	56	60	55	60	57	60	57	0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1376	Residential	Ground	NE	58	55	58	54	58	55	59	55	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1377	Residential	Ground	SW	58	54	58	53	58	55	59	55	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1377	Residential	Ground	SE	65	61	65	61	65	62	66	62	0.3	-0.6	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1377	Residential	Ground	NE	60	57	60	56	61	58	61	58	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1377	Residential	Ground	SE	61	57	61	56	61	58	62	58	-0.1	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1377	Residential	Ground	NE	60	56	60	55	60	57	61	57	-0.1	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1377	Residential	Ground	NW	56	53	56	52	57	54	57	54	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1377	Residential	Ground	NW	56	53	56	52	57	53	57	54	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1377	Residential	Ground	NW	57	54	57	53	58	54	58	54	0	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1378	Residential	Ground	SW	59	56	59	55	60	57	60	57	-0.1	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1378	Residential	Ground	SE	63	60	64	59	64	60	65	61	0.4	-0.5	0.8	0.5	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1378	Residential	Ground	NE	60	56	60	55	60	57	61	57	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1378	Residential	Ground	NW	57	53	57	53	57	54	58	54	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1378	Residential	Ground	NE	58	55	58	54	59	56	59	56	0	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1378	Residential	Ground	NW	57	54	57	53	58	54	58	54	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1378	Residential	Ground	NW	57	54	57	53	58	54	58	54	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1379	Residential	Ground	SW	58	55	58	54	59	56	59	56	-0.1	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1379	Residential	Ground	SE	64	61	64	60	64	61	65	61	0.3	-0.6	0.6	0.5	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1379	Residential	Ground	NE	60	57	60	56	61	57	61	58	-0.1	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1379	Residential	Ground	NW	59	56	59	55	60	56	60	56	-0.1	-1	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1379	Residential	Ground	NE	59	56	59	55	60	56	60	57	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1379	Residential	Ground	NW	58	55	58	54	59	55	59	56	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1379	Residential	Ground	NE	59	55	59	55	59	56	60	56	0	-0.9	0.3	0.1	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14C	NCA14C.RES.1379	Residential	Ground	NW	57	53	57	52	57	54	58	54	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1380	Residential	Ground	SW	59	55	59	54	59	56	60	56	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1380	Residential	Ground	SE	63	60	63	59	64	61	64	61	-0.1	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1380	Residential	Ground	NE	60	57	60	56	60	57	61	57	-0.1	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1380	Residential	Ground	NW	56	53	56	52	57	53	57	54	0.1	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1381	Residential	Ground	N	62	59	62	58	63	60	63	60	-0.1	-0.9	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1381	Residential	Ground	N	58	55	58	54	59	55	59	55	0	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1381	Residential	Ground	N	58	55	58	54	59	55	59	55	-0.1	-1	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1381	Residential	Ground	W	56	53	56	52	57	53	57	53	0.1	-0.9	0.5	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1381	Residential	Ground	SW	59	56	59	55	60	57	60	57	-0.1	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1381	Residential	Ground	SW	59	55	59	54	59	56	60	56	-0.1	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1381	Residential	Ground	S	62	59	62	58	63	59	63	59	-0.1	-1	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1381	Residential	Ground	S	62	59	62	58	63	59	63	60	-0.1	-1	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1381	Residential	Ground	S	63	60	63	59	63	60	64	60	-0.1	-1	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1381	Residential	Ground	E	65	62	65	61	66	63	66	63	-0.1	-0.9	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1382	Residential	Ground	W	56	53	56	52	57	53	57	53	0.2	-0.8	0.6	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1382	Residential	Ground	W	54	51	55	50	55	52	55	52	0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1382	Residential	Ground	W	56	53	56	52	57	53	57	54	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1382	Residential	Ground	S	59	55	59	54	59	56	60	56	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1382	Residential	Ground	E	64	60	64	60	64	61	65	61	-0.1	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1382	Residential	Ground	N	58	55	58	54	59	55	59	55	-0.1	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1383	Residential	Ground	W	56	52	56	51	56	53	57	53	0	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1383	Residential	Ground	N	55	52	55	51	56	53	56	53	0	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1383	Residential	Ground	W	56	53	56	52	57	53	57	53	-0.1	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1383	Residential	Ground	N	56	52	56	51	56	53	57	53	0	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1383	Residential	Ground	W	57	53	57	52	57	54	58	54	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1383	Residential	Ground	S	57	54	57	53	58	55	58	55	0	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1383	Residential	Ground	E	63	60	63	59	64	61	64	61	-0.1	-1	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1384	Residential	Ground	W	56	52	56	52	56	53	57	53	0.4	-0.5	0.8	0.6	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1384	Residential	Ground	N	55	51	55	51	56	52	56	52	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1384	Residential	Ground	W	56	53	57	52	57	53	58	54	0.4	-0.5	0.8	0.6	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1384	Residential	Ground	S	57	53	57	53	57	54	58	54	0.1	-0.9	0.5	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1384	Residential	Ground	E	62	59	62	58	63	59	63	60	-0.1	-1	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1384	Residential	Ground	N	58	55	58	54	59	55	59	56	0	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1385	Residential	Ground	W	55	52	55	51	56	53	56	53	0	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1385	Residential	Ground	N	55	52	55	51	56	52	56	52	0	-0.9	0.5	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1385	Residential	Ground	W	56	53	56	52	57	53	57	54	0.2	-0.7	0.6	0.4	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14C	NCA14C.RES.1385	Residential	Ground	S	58	55	58	54	59	55	59	56	0	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1385	Residential	Ground	E	62	59	62	58	62	59	63	59	-0.1	-1	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1385	Residential	Ground	N	59	56	59	55	60	56	60	57	0	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1386	Residential	Ground	W	56	52	56	51	56	53	57	53	0.2	-0.7	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1386	Residential	Ground	W	55	51	55	50	55	52	56	52	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1386	Residential	Ground	W	56	52	56	52	57	53	57	53	0.2	-0.7	0.5	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1386	Residential	Ground	S	58	55	58	54	59	55	59	56	0	-1	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1386	Residential	Ground	E	62	59	62	58	63	59	63	59	-0.1	-1	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1386	Residential	Ground	N	59	56	59	55	60	56	60	57	-0.1	-1	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1387	Residential	Ground	W	56	52	56	52	56	53	57	53	0.1	-0.9	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1387	Residential	Ground	S	58	54	58	54	58	55	59	55	0	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1387	Residential	Ground	S	57	53	57	52	57	54	58	54	0.1	-0.9	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1387	Residential	Ground	S	59	56	59	55	59	56	60	56	0	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1387	Residential	Ground	S	59	56	59	55	60	56	60	57	-0.1	-1	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1387	Residential	Ground	S	60	57	60	56	61	57	61	57	-0.1	-1	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1387	Residential	Ground	E	62	59	62	58	63	59	63	59	-0.1	-1.1	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1387	Residential	Ground	N	60	57	60	56	61	57	61	57	-0.1	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1387	Residential	Ground	N	57	54	57	53	58	54	58	55	0	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1387	Residential	Ground	N	59	55	59	54	59	56	60	56	-0.1	-1.1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1388	Residential	Ground	W	56	52	56	52	57	53	57	53	0.1	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1388	Residential	Ground	S	59	55	59	54	59	56	59	56	0	-1	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1388	Residential	Ground	E	61	57	61	56	61	58	62	58	0	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1388	Residential	Ground	N	58	54	58	53	58	55	59	55	0	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1388	Residential	Ground	W	55	52	56	51	56	53	57	53	0.1	-0.9	0.5	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1388	Residential	Ground	N	55	52	55	51	56	52	56	52	0	-1	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1389	Residential	Ground	W	56	52	56	51	56	53	57	53	-0.1	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1389	Residential	Ground	W	55	51	55	50	56	52	56	52	-0.1	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1389	Residential	Ground	W	56	52	56	51	56	53	57	53	-0.1	-1	0.4	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1389	Residential	Ground	N	55	52	55	51	56	52	56	53	0	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1389	Residential	Ground	W	56	53	56	52	57	53	57	53	0	-0.9	0.5	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1389	Residential	Ground	S	58	55	58	54	59	55	59	55	-0.1	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1389	Residential	Ground	E	60	57	60	56	61	57	61	58	-0.1	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1389	Residential	Ground	N	58	55	58	54	59	55	59	56	0	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1390	Residential	Ground	N	58	55	58	54	59	55	59	55	-0.1	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1390	Residential	Ground	E	59	55	59	54	59	56	60	56	-0.1	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1390	Residential	Ground	N	58	55	58	54	59	55	59	55	0	-1	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1390	Residential	Ground	W	55	52	55	51	56	52	56	53	0	-0.9	0.5	0.3	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA14C	NCA14C.RES.1390	Residential	Ground	W	55	51	55	50	55	52	56	52	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1390	Residential	Ground	W	56	52	56	52	57	53	57	53	0	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1390	Residential	Ground	S	58	54	58	54	58	55	59	55	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1390	Residential	Ground	E	60	57	60	56	61	57	61	58	-0.1	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1391	Residential	Ground	W	56	52	56	51	56	53	57	53	0	-0.9	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1391	Residential	Ground	S	58	54	58	53	58	55	59	55	0	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1391	Residential	Ground	E	60	56	60	55	60	57	61	57	-0.1	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1391	Residential	Ground	N	58	54	58	53	58	55	59	55	-0.1	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1392	Residential	Ground	W	56	52	56	51	56	53	57	53	0	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1392	Residential	Ground	S	57	54	57	53	58	54	58	54	0	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1392	Residential	Ground	E	60	56	60	55	60	57	61	57	0	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1392	Residential	Ground	N	59	55	59	54	59	56	59	56	0	-1.1	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1392	Residential	Ground	N	56	52	56	51	56	53	57	53	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1392	Residential	Ground	N	57	54	57	53	58	54	58	54	0	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1393	Residential	Ground	W	55	52	55	51	56	52	56	53	-0.1	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1393	Residential	Ground	N	55	52	55	51	56	52	56	53	0	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1393	Residential	Ground	W	56	52	56	51	56	53	57	53	-0.1	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1393	Residential	Ground	W	55	52	55	51	56	52	56	52	0	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1393	Residential	Ground	W	56	52	56	52	56	53	57	53	0	-0.9	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1393	Residential	Ground	S	58	55	58	54	59	55	59	55	0	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1393	Residential	Ground	E	60	57	60	56	61	57	61	57	0	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1393	Residential	Ground	N	58	55	58	54	59	56	59	56	0	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1394	Residential	Ground	W	56	52	56	51	56	53	57	53	0	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1394	Residential	Ground	S	58	55	58	54	59	55	59	55	0	-1.1	0.4	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1394	Residential	Ground	E	60	57	60	56	61	57	61	57	0	-1.1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1394	Residential	Ground	N	58	54	58	53	58	55	59	55	-0.1	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1395	Residential	Ground	W	55	52	55	51	56	52	56	53	0	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1395	Residential	Ground	N	55	52	55	51	56	52	56	52	0	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1395	Residential	Ground	W	56	52	56	51	56	53	57	53	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1395	Residential	Ground	S	58	55	58	54	59	55	59	55	-0.1	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1395	Residential	Ground	E	60	57	60	55	60	57	61	57	0	-1.1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1395	Residential	Ground	N	57	54	57	53	58	54	58	55	-0.1	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1396	Residential	Ground	W	55	52	55	51	56	52	56	52	-0.1	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1396	Residential	Ground	N	55	52	55	51	56	52	56	52	0	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1396	Residential	Ground	W	56	52	56	52	56	53	57	53	0	-0.9	0.5	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1396	Residential	Ground	S	58	54	57	53	58	55	58	55	-0.1	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1396	Residential	Ground	E	60	56	60	55	60	57	61	57	-0.1	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14C	NCA14C.RES.1396	Residential	Ground	N	58	54	58	53	58	55	59	55	-0.1	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1784	Residential	Ground	N	58	55	58	54	59	55	59	56	-0.1	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1784	Residential	Ground	W	59	56	59	55	60	56	60	57	-0.1	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1784	Residential	Ground	N	60	57	60	56	61	58	61	58	-0.1	-0.9	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1784	Residential	Ground	W	64	61	64	60	65	62	65	62	-0.1	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1784	Residential	Ground	W	65	61	64	60	65	62	65	62	-0.1	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1784	Residential	Ground	S	60	56	60	55	60	57	61	57	-0.1	-1	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1784	Residential	Ground	S	58	55	58	54	59	55	59	55	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1784	Residential	Ground	E	56	53	56	52	57	53	57	53	-0.1	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1784	Residential	Ground	E	56	53	56	52	57	53	57	53	-0.1	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1784	Residential	Ground	E	55	52	55	51	56	53	56	53	0	-0.8	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1784	Residential	Ground	E	56	52	56	52	56	53	57	53	0	-0.8	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1785	Residential	Ground	W	61	58	61	57	62	59	62	59	-0.1	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1785	Residential	Ground	N	62	58	61	57	62	59	62	59	-0.1	-0.9	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1785	Residential	Ground	W	64	61	64	60	65	62	65	62	-0.1	-0.9	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1785	Residential	Ground	S	59	55	58	54	59	56	59	56	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1785	Residential	Ground	E	56	52	56	51	56	53	57	53	-0.1	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1785	Residential	Ground	N	59	55	59	54	59	56	60	56	0	-0.9	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1786	Residential	Ground	W	59	56	59	55	60	56	60	56	-0.1	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1786	Residential	Ground	N	60	57	60	56	60	57	61	57	-0.1	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1786	Residential	Ground	W	63	60	63	59	64	61	64	61	-0.1	-0.8	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1786	Residential	Ground	S	57	54	57	53	58	54	58	55	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1786	Residential	Ground	E	56	52	56	51	56	53	57	53	0	-0.9	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1786	Residential	Ground	S	56	52	56	51	56	53	57	53	-0.1	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1786	Residential	Ground	E	56	52	56	51	56	53	57	53	0	-0.9	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1786	Residential	Ground	N	57	54	57	53	58	54	58	54	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1787	Residential	Ground	W	63	60	63	59	64	60	64	60	-0.1	-0.8	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1787	Residential	Ground	S	57	54	57	53	58	54	58	55	-0.1	-0.9	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1787	Residential	Ground	E	56	52	56	52	56	53	57	53	0	-0.8	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1787	Residential	Ground	N	57	54	57	53	58	54	58	55	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1787	Residential	Ground	N	58	55	58	54	59	55	59	55	-0.1	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1788	Residential	Ground	W	61	58	61	57	62	58	62	58	0	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1788	Residential	Ground	N	61	58	61	57	62	58	62	58	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1788	Residential	Ground	W	63	59	63	59	63	60	63	60	-0.1	-0.8	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1788	Residential	Ground	S	57	54	57	53	58	54	58	55	-0.1	-0.8	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1788	Residential	Ground	S	57	53	57	53	57	54	58	54	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1788	Residential	Ground	E	56	52	56	52	56	53	57	53	0	-0.8	0.3	0.2	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14C	NCA14C.RES.1788	Residential	Ground	N	57	53	57	52	57	54	57	54	-0.1	-0.8	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1788	Residential	Ground	E	56	52	56	52	56	53	57	53	-0.1	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1788	Residential	Ground	N	57	54	57	53	58	54	58	55	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1789	Residential	Ground	N	57	53	57	52	57	54	58	54	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1789	Residential	Ground	W	63	59	62	58	63	60	63	60	-0.1	-0.9	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1789	Residential	Ground	S	60	56	60	55	60	57	61	57	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1789	Residential	Ground	W	60	57	60	56	61	58	61	58	-0.1	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1789	Residential	Ground	S	59	55	59	54	59	56	60	56	-0.1	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1789	Residential	Ground	E	56	52	55	51	56	53	56	53	-0.1	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1789	Residential	Ground	E	56	52	55	51	56	53	56	53	-0.1	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1790	Residential	Ground	W	62	59	62	58	63	59	63	60	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1790	Residential	Ground	S	58	54	58	53	58	55	58	55	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1790	Residential	Ground	E	55	52	55	51	56	53	56	53	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1790	Residential	Ground	E	56	52	56	51	56	53	57	53	-0.1	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1790	Residential	Ground	E	56	52	56	51	56	53	57	53	-0.1	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1790	Residential	Ground	N	58	55	58	54	59	56	59	56	0	-1	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1790	Residential	Ground	W	60	57	60	56	61	57	61	57	-0.1	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1790	Residential	Ground	N	61	57	61	56	61	58	61	58	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1791	Residential	Ground	N	56	52	56	51	56	53	57	53	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1791	Residential	Ground	W	59	55	59	54	59	56	60	56	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1791	Residential	Ground	N	59	55	59	54	59	56	60	56	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1791	Residential	Ground	W	60	57	60	56	61	58	61	58	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1791	Residential	Ground	S	56	53	56	52	57	53	57	54	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1791	Residential	Ground	E	55	52	55	51	56	52	56	52	-0.1	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1791	Residential	Ground	E	55	51	55	50	55	52	56	52	0	-0.8	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1791	Residential	Ground	E	56	52	56	51	56	53	57	53	-0.1	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1792	Residential	Ground	N	56	52	55	51	56	53	56	53	-0.1	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1792	Residential	Ground	N	57	53	57	52	57	54	58	54	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1792	Residential	Ground	W	61	58	61	57	62	58	62	58	-0.1	-0.9	0.2	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1792	Residential	Ground	S	58	54	58	54	58	55	59	55	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1792	Residential	Ground	W	58	54	58	53	58	55	58	55	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1792	Residential	Ground	S	57	54	57	53	58	54	58	54	-0.1	-0.9	0.4	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1792	Residential	Ground	E	55	51	55	51	55	52	56	52	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1792	Residential	Ground	E	55	51	54	50	55	52	55	52	-0.1	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1792	Residential	Ground	E	55	52	55	51	56	52	56	52	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1793	Residential	Ground	W	60	56	59	55	60	57	60	57	-0.1	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1793	Residential	Ground	N	60	56	59	55	60	57	60	57	-0.1	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14C	NCA14C.RES.1793	Residential	Ground	W	61	58	61	57	61	58	62	58	-0.1	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1793	Residential	Ground	N	60	57	60	56	61	58	61	58	-0.1	-0.9	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1793	Residential	Ground	W	61	58	61	57	62	59	62	59	-0.1	-0.8	0.2	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1793	Residential	Ground	S	57	53	57	53	57	54	58	54	-0.1	-0.9	0.4	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1793	Residential	Ground	E	55	52	55	51	56	53	56	53	0	-0.8	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1793	Residential	Ground	E	54	51	54	50	55	51	55	52	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1793	Residential	Ground	E	56	52	56	51	56	53	56	53	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1793	Residential	Ground	N	59	55	59	54	59	56	60	56	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1794	Residential	Ground	W	59	56	59	55	60	56	60	57	-0.1	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1794	Residential	Ground	N	59	56	59	55	60	56	60	57	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1794	Residential	Ground	W	62	58	62	58	62	59	62	59	-0.2	-0.8	0.1	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1794	Residential	Ground	S	57	54	57	53	58	54	58	55	-0.1	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1794	Residential	Ground	E	55	52	55	51	56	52	56	52	-0.1	-0.8	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1794	Residential	Ground	N	58	54	57	53	58	55	58	55	-0.1	-0.9	0.4	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1795	Residential	Ground	W	62	59	62	58	62	59	63	59	-0.1	-0.9	0.2	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1795	Residential	Ground	S	57	53	57	53	57	54	58	54	0	-0.8	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1795	Residential	Ground	E	55	51	55	50	55	52	56	52	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1795	Residential	Ground	E	54	51	54	50	55	51	55	51	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1795	Residential	Ground	E	55	51	55	51	56	52	56	52	0	-0.8	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1795	Residential	Ground	N	56	53	56	52	57	53	57	53	-0.1	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1795	Residential	Ground	N	57	54	57	53	58	54	58	55	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1795	Residential	Ground	W	58	55	58	54	58	55	59	55	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1795	Residential	Ground	N	58	55	58	54	59	55	59	56	-0.1	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1796	Residential	Ground	N	55	52	55	51	56	52	56	53	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1796	Residential	Ground	W	57	54	57	53	58	54	58	54	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1796	Residential	Ground	N	57	54	57	53	58	54	58	54	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1796	Residential	Ground	N	58	54	58	53	58	55	59	55	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1796	Residential	Ground	N	61	58	61	57	62	59	62	59	-0.2	-0.9	0.2	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1796	Residential	Ground	W	61	58	61	57	62	58	62	58	0	-1	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1796	Residential	Ground	S	57	53	57	52	57	54	58	54	-0.1	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1796	Residential	Ground	E	55	51	55	50	55	52	55	52	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1796	Residential	Ground	E	54	51	54	50	55	51	55	51	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1796	Residential	Ground	E	55	51	55	51	55	52	56	52	0	-0.8	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1797	Residential	Ground	W	61	58	61	57	61	58	62	58	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1797	Residential	Ground	S	57	54	57	53	58	54	58	55	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1797	Residential	Ground	S	56	53	56	52	57	53	57	53	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1797	Residential	Ground	E	55	51	55	51	55	52	56	52	-0.1	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14C	NCA14C.RES.1797	Residential	Ground	E	55	51	55	51	55	52	56	52	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1797	Residential	Ground	E	55	52	55	51	56	52	56	52	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1797	Residential	Ground	E	55	51	55	50	55	52	56	52	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1797	Residential	Ground	N	56	53	56	52	57	53	57	53	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1797	Residential	Ground	W	57	53	57	53	57	54	58	54	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1797	Residential	Ground	N	57	54	57	53	58	55	58	55	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1797	Residential	Ground	W	61	58	61	57	61	58	62	58	0	-1	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1797	Residential	Ground	W	61	57	61	56	61	58	62	58	-0.1	-1.1	0.4	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1798	Residential	Ground	W	58	55	58	54	59	55	59	56	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1798	Residential	Ground	N	58	55	58	54	59	55	59	56	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1798	Residential	Ground	W	61	57	61	57	61	58	62	58	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1798	Residential	Ground	S	56	52	56	51	56	53	57	53	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1798	Residential	Ground	E	54	51	54	50	55	51	55	52	0	-0.8	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1798	Residential	Ground	N	56	53	56	52	57	53	57	54	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1799	Residential	Ground	N	56	52	56	51	56	53	57	53	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1799	Residential	Ground	N	56	52	56	52	56	53	57	53	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1799	Residential	Ground	W	58	54	58	53	58	55	59	55	-0.1	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1799	Residential	Ground	N	58	55	58	54	59	55	59	55	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1799	Residential	Ground	W	61	58	61	57	62	58	62	59	0.2	-0.5	0.6	0.5	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1799	Residential	Ground	S	58	55	58	54	59	55	59	55	-0.1	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1799	Residential	Ground	S	56	52	56	52	56	53	57	53	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1799	Residential	Ground	E	55	51	55	50	55	52	55	52	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1800	Residential	Ground	N	56	53	56	52	57	53	57	54	0	-0.8	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1800	Residential	Ground	W	57	54	57	53	58	55	58	55	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1800	Residential	Ground	N	58	54	58	53	58	55	59	55	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1800	Residential	Ground	W	60	57	60	56	61	57	61	57	0	-1	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1800	Residential	Ground	N	60	57	60	56	61	57	61	57	-0.1	-1	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1800	Residential	Ground	W	62	58	62	57	62	59	62	59	0	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1800	Residential	Ground	S	56	53	56	52	57	53	57	54	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1800	Residential	Ground	E	54	51	54	50	55	51	55	52	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1800	Residential	Ground	E	55	51	55	50	55	52	56	52	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1800	Residential	Ground	N	55	51	55	50	55	52	56	52	-0.1	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1801	Residential	Ground	W	59	55	59	54	59	56	60	56	0	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1801	Residential	Ground	N	59	55	59	54	59	56	59	56	0	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1801	Residential	Ground	W	62	58	62	58	62	59	63	59	0.1	-0.7	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1801	Residential	Ground	S	57	53	57	52	57	54	58	54	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1801	Residential	Ground	E	54	51	54	50	55	51	55	51	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14C	NCA14C.RES.1801	Residential	Ground	N	56	53	56	52	57	53	57	53	-0.1	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1802	Residential	Ground	N	56	53	56	52	57	53	57	53	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1802	Residential	Ground	W	62	58	62	58	62	59	63	59	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1802	Residential	Ground	S	56	52	56	51	56	53	56	53	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1802	Residential	Ground	E	54	51	54	50	55	51	55	52	0	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1802	Residential	Ground	E	53	50	53	49	54	50	54	50	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1802	Residential	Ground	E	54	51	54	50	55	51	55	51	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1803	Residential	Ground	W	63	59	62	58	63	60	63	60	-0.1	-0.7	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1803	Residential	Ground	S	62	59	63	58	63	59	63	60	0.4	-0.5	0.8	0.5	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1803	Residential	Ground	W	62	58	62	58	62	59	63	59	0.5	-0.5	0.9	0.7	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1803	Residential	Ground	S	61	58	62	58	62	59	63	59	0.5	-0.4	0.9	0.6	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1803	Residential	Ground	E	54	51	54	50	55	51	55	51	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1803	Residential	Ground	N	55	52	55	51	56	52	56	53	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1803	Residential	Ground	E	54	51	54	50	55	51	55	52	0	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1803	Residential	Ground	N	56	52	56	52	56	53	57	53	-0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1804	Residential	Ground	W	62	58	62	58	62	59	63	59	0.4	-0.6	0.7	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1804	Residential	Ground	S	61	57	61	57	61	58	62	59	0.8	-0.1	1.2	0.8	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1804	Residential	Ground	E	53	49	53	48	53	50	54	50	0.1	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1804	Residential	Ground	E	52	49	52	48	53	49	53	50	0	-0.7	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1804	Residential	Ground	E	53	49	53	48	53	50	54	50	0.1	-0.7	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1804	Residential	Ground	S	52	49	53	48	53	50	54	50	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1804	Residential	Ground	E	53	50	53	49	54	50	54	51	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1804	Residential	Ground	N	58	54	58	54	58	55	59	55	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1804	Residential	Ground	N	58	55	58	54	59	55	59	56	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1805	Residential	Ground	W	58	55	58	54	59	55	59	55	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1805	Residential	Ground	W	54	51	55	50	55	52	56	52	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1805	Residential	Ground	S	61	57	61	57	61	58	62	58	0.7	-0.2	1	0.7	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1805	Residential	Ground	S	60	57	61	57	61	57	62	58	0.8	0	1.2	0.9	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1805	Residential	Ground	S	61	57	61	57	61	58	62	58	0.7	-0.1	1.2	0.8	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1805	Residential	Ground	E	53	49	53	49	53	50	54	50	0.1	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1805	Residential	Ground	S	52	49	52	48	53	49	53	49	0.1	-0.7	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1805	Residential	Ground	E	54	51	54	50	55	51	55	51	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1805	Residential	Ground	N	56	52	56	52	56	53	57	53	0	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1805	Residential	Ground	N	55	52	55	51	56	53	56	53	0	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1805	Residential	Ground	N	56	52	56	51	56	53	57	53	0	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1805	Residential	Ground	N	55	52	55	51	56	53	56	53	0	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1805	Residential	Ground	N	57	54	57	53	58	54	58	55	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14C	NCA14C.RES.1806	Residential	Ground	W	55	51	55	50	55	52	56	52	0	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1806	Residential	Ground	S	61	57	61	57	61	58	62	58	0.6	-0.2	1	0.7	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1806	Residential	Ground	E	52	48	52	47	52	49	53	49	0.1	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1806	Residential	Ground	S	60	56	61	56	60	57	62	58	0.9	0.2	1.3	1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1806	Residential	Ground	S	59	56	60	56	60	56	61	57	1.2	0.4	1.5	1.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1806	Residential	Ground	E	60	56	61	56	60	57	62	58	0.9	0.1	1.2	0.9	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1806	Residential	Ground	E	53	49	53	49	53	50	54	50	0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1806	Residential	Ground	N	55	52	55	51	56	52	56	52	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1806	Residential	Ground	E	54	51	54	50	55	51	55	51	0	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1806	Residential	Ground	E	54	50	54	49	54	51	54	51	0	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1806	Residential	Ground	E	54	50	54	50	54	51	55	51	0	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1806	Residential	Ground	N	56	53	56	52	57	54	57	54	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1807	Residential	Ground	W	53	49	53	48	53	50	54	50	0	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1807	Residential	Ground	S	60	57	61	57	61	57	62	58	0.8	0	1.2	1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1807	Residential	Ground	S	51	48	51	47	52	48	52	49	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1807	Residential	Ground	S	59	55	60	56	59	56	61	57	1.2	0.5	1.6	1.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1807	Residential	Ground	E	51	48	51	47	52	48	52	49	0	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1807	Residential	Ground	S	51	48	51	47	52	48	52	49	0.1	-0.7	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1807	Residential	Ground	E	53	50	53	49	54	50	54	50	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1807	Residential	Ground	N	55	52	55	51	56	52	56	53	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1807	Residential	Ground	N	54	51	54	50	55	51	55	52	0.1	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1807	Residential	Ground	N	56	53	56	52	57	53	57	53	0	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1808	Residential	Ground	W	54	50	54	49	54	51	55	51	0.1	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1808	Residential	Ground	S	60	57	61	57	61	57	62	58	0.8	-0.1	1.1	0.8	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1808	Residential	Ground	E	51	48	51	47	52	48	52	48	0.1	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1808	Residential	Ground	S	51	48	51	47	52	48	52	49	0	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1808	Residential	Ground	E	53	49	53	49	53	50	54	50	0	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1808	Residential	Ground	E	51	48	51	47	52	48	52	49	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1808	Residential	Ground	E	51	48	51	47	52	48	52	49	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1808	Residential	Ground	S	51	48	51	47	52	48	52	48	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1808	Residential	Ground	E	53	50	53	49	54	50	54	51	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1808	Residential	Ground	N	56	52	56	51	56	53	57	53	0	-1	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1808	Residential	Ground	N	56	52	56	51	56	53	57	53	-0.1	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1808	Residential	Ground	N	56	53	56	52	57	53	57	53	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1809	Residential	Ground	W	53	50	54	49	54	51	54	51	0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1809	Residential	Ground	S	59	56	60	56	60	56	61	57	0.7	-0.3	1	0.6	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1809	Residential	Ground	E	51	47	51	47	51	48	52	48	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14C	NCA14C.RES.1809	Residential	Ground	S	51	48	51	47	52	48	52	49	0	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1809	Residential	Ground	E	51	47	51	47	51	48	52	48	0.1	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1809	Residential	Ground	E	50	47	50	46	51	47	51	48	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1809	Residential	Ground	E	52	49	52	48	53	49	53	49	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1809	Residential	Ground	E	53	50	53	49	54	51	54	51	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1809	Residential	Ground	N	56	52	55	51	56	53	56	53	-0.1	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1810	Residential	Ground	W	52	49	53	49	53	49	54	50	0.9	0	1.2	1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1810	Residential	Ground	S	59	56	61	56	60	56	61	58	1.1	0.3	1.5	1.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1810	Residential	Ground	E	50	47	52	47	51	47	53	49	1.4	0.5	1.7	1.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1810	Residential	Ground	E	50	47	51	47	51	47	52	48	0.7	-0.2	1.1	0.8	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1810	Residential	Ground	E	51	48	52	47	52	48	52	49	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1810	Residential	Ground	N	55	51	55	50	55	52	56	52	0	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1810	Residential	Ground	N	54	50	54	50	54	51	55	51	-0.1	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1810	Residential	Ground	N	55	52	55	51	56	52	56	52	0	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1811	Residential	Ground	W	52	49	53	48	53	50	54	50	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1811	Residential	Ground	S	59	56	60	56	60	56	61	57	1	0.1	1.3	1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1811	Residential	Ground	E	51	48	51	47	52	48	52	48	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1811	Residential	Ground	E	50	46	50	46	50	47	51	47	0.2	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1811	Residential	Ground	E	53	50	53	49	54	50	54	51	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1811	Residential	Ground	N	55	52	55	51	56	53	56	53	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1811	Residential	Ground	N	55	52	55	51	56	53	56	53	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1812	Residential	Ground	W	54	50	54	50	54	51	55	51	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1812	Residential	Ground	S	59	55	60	55	59	56	61	57	1	0	1.3	1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1812	Residential	Ground	E	51	48	51	47	52	48	52	49	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1812	Residential	Ground	N	55	51	55	50	55	52	56	52	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1812	Residential	Ground	N	55	51	55	50	55	52	56	52	0	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1812	Residential	Ground	N	55	51	55	51	55	52	56	52	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1813	Residential	Ground	N	54	50	54	50	54	51	55	51	0	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1813	Residential	Ground	N	54	50	54	49	54	51	55	51	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1813	Residential	Ground	N	54	51	54	50	54	51	55	51	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1813	Residential	Ground	W	51	48	51	47	52	48	52	48	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1813	Residential	Ground	S	50	47	50	46	51	47	51	47	0.1	-0.8	0.5	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1813	Residential	Ground	W	51	48	51	47	52	48	52	49	0	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1813	Residential	Ground	S	58	55	59	55	59	55	60	56	0.9	0	1.2	0.9	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1813	Residential	Ground	E	51	47	51	47	51	48	52	48	0.1	-0.7	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1813	Residential	Ground	E	52	48	52	47	52	49	53	49	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1814	Residential	Ground	W	53	50	53	49	54	50	54	51	0	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14C	NCA14C.RES.1814	Residential	Ground	S	58	54	59	54	58	55	60	56	0.9	0	1.2	0.9	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1814	Residential	Ground	E	49	46	49	45	50	46	50	47	0.2	-0.7	0.6	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1814	Residential	Ground	S	49	46	49	45	50	46	50	47	0.1	-0.7	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1814	Residential	Ground	E	49	46	50	45	50	46	51	47	0.1	-0.7	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1814	Residential	Ground	E	51	47	51	46	51	48	52	48	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1814	Residential	Ground	N	53	50	53	49	54	50	54	50	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1814	Residential	Ground	N	52	49	52	48	53	49	53	49	0	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1814	Residential	Ground	N	54	50	54	49	54	51	55	51	0	-0.9	0.5	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1815	Residential	Ground	W	51	48	51	47	52	48	52	49	0.1	-0.7	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1815	Residential	Ground	S	58	54	58	54	58	55	59	56	0.9	-0.1	1.2	0.9	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1815	Residential	Ground	E	49	46	50	45	50	46	51	47	0.2	-0.7	0.6	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1815	Residential	Ground	S	49	46	49	45	50	46	50	47	0.2	-0.7	0.6	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1815	Residential	Ground	E	51	47	51	47	51	48	52	48	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1815	Residential	Ground	N	53	49	53	48	53	50	54	50	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1815	Residential	Ground	E	51	48	51	47	52	48	52	49	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1815	Residential	Ground	N	53	50	53	49	54	50	54	51	0	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1816	Residential	Ground	W	51	47	51	47	51	48	52	48	0.1	-0.7	0.5	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1816	Residential	Ground	S	58	54	58	54	58	55	59	55	0.7	-0.2	1.1	0.8	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1816	Residential	Ground	E	49	45	49	45	49	46	50	46	0.2	-0.6	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1816	Residential	Ground	S	49	45	49	45	49	46	50	46	0.3	-0.7	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1816	Residential	Ground	E	50	47	50	46	51	47	51	48	0.1	-0.7	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1816	Residential	Ground	N	54	50	54	49	54	51	55	51	0	-0.9	0.5	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1816	Residential	Ground	N	53	49	53	48	53	50	54	50	0	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1816	Residential	Ground	N	54	50	54	49	54	51	55	51	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1816	Residential	Ground	N	53	50	53	49	54	50	54	50	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1816	Residential	Ground	N	54	50	54	49	54	51	55	51	0	-0.9	0.5	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1817	Residential	Ground	W	58	55	59	55	59	55	60	56	0.7	-0.2	1	0.7	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1817	Residential	Ground	S	57	54	58	54	58	54	59	55	1	0.1	1.3	1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1817	Residential	Ground	E	51	47	51	47	51	48	52	48	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1817	Residential	Ground	N	54	51	54	50	55	51	55	52	0.1	-1	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1817	Residential	Ground	N	55	52	55	51	56	52	56	53	-0.1	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1818	Residential	Ground	SW	51	48	51	47	52	48	52	48	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1818	Residential	Ground	SE	57	53	58	53	57	54	59	55	1	0.1	1.3	1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1818	Residential	Ground	SE	48	44	49	45	48	45	50	47	1.7	0.9	2	1.7	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1818	Residential	Ground	SE	56	53	57	53	57	53	58	54	1	0.1	1.3	1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1818	Residential	Ground	NE	51	47	51	47	51	48	52	48	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1818	Residential	Ground	NW	54	51	54	50	55	51	55	51	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14C	NCA14C.RES.1818	Residential	Ground	NW	54	50	54	50	54	51	55	51	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1818	Residential	Ground	NW	54	50	54	49	54	51	55	51	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1819	Residential	Ground	NW	54	51	54	50	55	51	55	52	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1819	Residential	Ground	SW	51	47	51	47	51	48	52	48	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1819	Residential	Ground	SE	56	52	57	52	56	53	58	54	1.1	0.2	1.4	1.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1819	Residential	Ground	NE	52	49	52	48	53	49	53	49	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1820	Residential	Ground	NW	54	51	54	50	55	51	55	52	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1820	Residential	Ground	SW	53	49	53	49	53	50	54	50	0	-0.8	0.5	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1820	Residential	Ground	SE	54	51	56	51	55	51	57	53	1.7	0.9	2.1	1.7	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1820	Residential	Ground	NE	51	48	51	47	52	48	52	48	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1821	Residential	Ground	SW	52	49	52	48	53	49	53	49	0.1	-0.7	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1821	Residential	Ground	SE	55	52	57	52	56	53	57	54	1.1	0.2	1.4	1.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1821	Residential	Ground	NE	51	48	51	47	52	48	52	49	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1821	Residential	Ground	NW	54	51	54	50	55	51	55	52	0	-0.9	0.5	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1827	Residential	Ground	W	60	57	60	56	61	57	61	58	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1827	Residential	Ground	S	57	54	57	53	58	54	58	55	0.3	-0.6	0.7	0.5	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1827	Residential	Ground	W	58	55	58	54	59	55	59	56	0.2	-0.6	0.5	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1827	Residential	Ground	S	60	57	61	57	61	57	62	58	0.8	-0.1	1.1	0.8	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1827	Residential	Ground	E	53	49	53	49	53	50	54	50	0.1	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1827	Residential	Ground	N	55	51	55	50	55	52	56	52	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1827	Residential	Ground	E	54	50	54	49	54	51	55	51	0	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1827	Residential	Ground	N	59	56	59	55	60	56	60	57	-0.1	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1828	Residential	Ground	W	54	50	54	49	54	51	55	51	0	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1828	Residential	Ground	S	60	56	61	56	60	57	62	58	0.8	-0.1	1.2	0.9	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1828	Residential	Ground	S	57	53	58	53	57	54	59	55	1	-0.3	1.4	1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1828	Residential	Ground	E	57	53	58	53	57	54	59	55	1	-0.2	1.5	1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1828	Residential	Ground	S	56	52	57	52	56	53	58	54	0.8	-0.3	1.2	0.9	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1828	Residential	Ground	S	56	53	56	52	57	53	57	53	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1828	Residential	Ground	E	52	49	52	48	53	49	53	50	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1828	Residential	Ground	N	54	51	54	50	55	51	55	51	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1828	Residential	Ground	E	54	50	54	50	54	51	55	51	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1828	Residential	Ground	N	55	52	55	51	56	52	56	52	0	-0.9	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1828	Residential	Ground	E	54	51	54	50	55	51	55	51	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1828	Residential	Ground	N	56	53	56	52	57	53	57	54	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1829	Residential	Ground	W	55	52	55	51	56	52	56	52	0	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1829	Residential	Ground	S	56	53	56	52	57	53	57	53	0.1	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1829	Residential	Ground	S	54	51	54	50	55	51	55	52	0.2	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14C	NCA14C.RES.1829	Residential	Ground	S	56	52	56	51	56	53	57	53	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1829	Residential	Ground	E	52	49	52	48	53	49	53	50	0	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1829	Residential	Ground	E	54	51	54	50	54	51	55	51	0	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1829	Residential	Ground	N	55	52	55	51	56	52	56	52	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1829	Residential	Ground	E	55	51	55	50	55	52	56	52	0	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1829	Residential	Ground	N	56	53	56	52	57	53	57	54	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1830	Residential	Ground	W	57	53	57	52	57	54	58	54	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1830	Residential	Ground	S	54	50	54	49	54	51	55	51	0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1830	Residential	Ground	W	55	51	55	50	55	52	56	52	0.2	-0.7	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1830	Residential	Ground	S	55	52	56	51	56	52	56	53	0.1	-0.7	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1830	Residential	Ground	S	54	51	54	50	55	51	55	52	0.2	-0.7	0.6	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1830	Residential	Ground	S	55	51	55	51	55	52	56	52	0.2	-0.7	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1830	Residential	Ground	W	54	50	54	50	54	51	55	51	0.2	-0.7	0.6	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1830	Residential	Ground	W	54	51	54	50	55	51	55	51	0.2	-0.7	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1830	Residential	Ground	E	51	47	51	46	51	48	52	48	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1830	Residential	Ground	S	55	52	55	51	56	52	56	53	0.1	-0.7	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1830	Residential	Ground	E	51	48	52	47	52	48	52	49	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1830	Residential	Ground	E	52	48	52	47	52	49	53	49	0	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1830	Residential	Ground	N	52	49	52	48	53	49	53	50	0	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1830	Residential	Ground	N	53	50	53	49	54	50	54	51	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1830	Residential	Ground	N	54	50	54	50	54	51	55	51	0	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1831	Residential	Ground	W	60	57	60	56	61	58	61	58	0	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1831	Residential	Ground	N	60	57	60	56	60	57	61	57	0	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1831	Residential	Ground	W	60	57	60	56	61	58	61	58	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1831	Residential	Ground	S	57	53	57	52	57	54	58	54	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1831	Residential	Ground	S	56	52	56	51	56	53	57	53	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1831	Residential	Ground	E	53	50	53	49	54	50	54	51	0	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1831	Residential	Ground	N	53	50	53	49	54	50	54	51	0	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1831	Residential	Ground	E	53	50	53	49	54	50	54	50	0	-0.8	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1831	Residential	Ground	N	54	50	54	49	54	51	54	51	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1831	Residential	Ground	E	53	50	53	49	54	50	54	50	0	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1831	Residential	Ground	N	55	51	55	50	55	52	56	52	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1832	Residential	Ground	W	58	54	58	53	58	55	58	55	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1832	Residential	Ground	S	54	50	54	49	54	51	55	51	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1832	Residential	Ground	E	52	48	52	47	52	49	53	49	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1832	Residential	Ground	E	51	48	52	47	52	48	52	49	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1832	Residential	Ground	E	52	48	52	47	52	49	53	49	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14C	NCA14C.RES.1832	Residential	Ground	N	53	50	53	49	54	50	54	50	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1832	Residential	Ground	W	55	51	55	51	55	52	56	52	0	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1832	Residential	Ground	N	55	52	55	51	56	53	56	53	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1833	Residential	Ground	W	61	57	61	56	61	58	61	58	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1833	Residential	Ground	S	54	51	54	50	55	51	55	52	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1833	Residential	Ground	E	53	49	53	49	53	50	54	50	0	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1833	Residential	Ground	N	54	50	54	50	54	51	55	51	0	-0.9	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1833	Residential	Ground	E	53	50	53	49	54	50	54	51	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1833	Residential	Ground	N	55	51	55	51	55	52	56	52	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1833	Residential	Ground	N	54	51	54	50	55	52	55	52	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1833	Residential	Ground	N	54	51	54	50	55	51	55	52	-0.1	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1833	Residential	Ground	E	53	50	53	49	54	51	54	51	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1833	Residential	Ground	N	55	52	55	51	56	53	56	53	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1833	Residential	Ground	W	60	57	60	56	61	58	61	58	0	-1	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1833	Residential	Ground	W	60	57	60	56	61	58	61	58	0	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1834	Residential	Ground	N	54	50	54	50	54	51	55	51	0	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1834	Residential	Ground	W	56	52	56	51	56	53	57	53	-0.1	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1834	Residential	Ground	N	56	53	56	52	57	53	57	53	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1834	Residential	Ground	W	58	55	58	54	58	55	59	55	0	-1	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1834	Residential	Ground	N	58	54	58	53	58	55	59	55	-0.1	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1834	Residential	Ground	W	58	54	58	54	58	55	59	55	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1834	Residential	Ground	S	54	51	54	50	55	52	55	52	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1834	Residential	Ground	S	53	49	53	48	53	50	54	50	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1834	Residential	Ground	E	52	48	52	47	52	49	53	49	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1834	Residential	Ground	E	52	48	52	47	52	49	53	49	0	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1834	Residential	Ground	E	52	48	52	48	52	49	53	49	0.1	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1835	Residential	Ground	W	60	57	60	56	61	58	61	58	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1835	Residential	Ground	S	55	51	55	50	55	52	55	52	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1835	Residential	Ground	E	53	50	53	49	54	50	54	50	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1835	Residential	Ground	N	54	51	54	50	55	51	55	51	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1835	Residential	Ground	E	54	50	54	49	54	51	54	51	0	-0.8	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1835	Residential	Ground	N	55	52	55	51	56	52	56	53	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1835	Residential	Ground	N	55	51	55	51	55	52	56	52	-0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1835	Residential	Ground	N	55	51	55	50	55	52	56	52	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1835	Residential	Ground	E	54	50	54	50	54	51	55	51	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1835	Residential	Ground	N	56	52	55	51	56	53	56	53	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1835	Residential	Ground	W	60	56	60	55	60	57	61	57	0	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA14C	NCA14C.RES.1835	Residential	Ground	N	60	57	60	56	61	57	61	57	-0.1	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1836	Residential	Ground	W	58	55	58	54	59	55	59	56	0	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1836	Residential	Ground	S	55	52	55	51	56	52	56	52	0	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1836	Residential	Ground	S	54	50	54	50	54	51	55	51	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1836	Residential	Ground	S	53	50	53	49	54	50	54	50	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1836	Residential	Ground	E	52	48	52	47	52	49	53	49	0.1	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1836	Residential	Ground	E	51	48	51	47	52	48	52	49	0	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1836	Residential	Ground	E	52	48	52	48	52	49	53	49	0.1	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1836	Residential	Ground	N	52	49	52	48	53	49	53	50	0	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1836	Residential	Ground	N	54	50	54	49	54	51	55	51	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1836	Residential	Ground	N	54	50	54	50	54	51	55	51	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1836	Residential	Ground	N	53	49	53	48	53	50	54	50	0	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1836	Residential	Ground	N	54	51	54	50	55	51	55	52	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1836	Residential	Ground	N	56	53	56	52	56	53	57	53	0	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1836	Residential	Ground	N	56	53	56	52	57	54	57	54	0	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1837	Residential	Ground	W	60	57	60	56	61	57	61	58	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1837	Residential	Ground	S	54	51	54	50	55	51	55	52	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1837	Residential	Ground	E	53	50	53	49	54	50	54	51	0	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1837	Residential	Ground	N	54	50	54	49	54	51	55	51	-0.1	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1837	Residential	Ground	E	54	50	53	49	54	51	54	51	-0.1	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1837	Residential	Ground	N	55	52	55	51	56	52	56	52	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1837	Residential	Ground	N	55	52	55	51	56	52	56	52	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1837	Residential	Ground	N	55	51	55	50	55	52	56	52	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1837	Residential	Ground	E	54	50	54	49	54	51	55	51	0	-0.8	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1837	Residential	Ground	N	56	52	55	51	56	53	56	53	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1837	Residential	Ground	W	60	57	60	56	61	58	61	58	0	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1837	Residential	Ground	W	60	57	60	56	61	57	61	58	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1838	Residential	Ground	W	58	55	58	54	59	56	59	56	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1838	Residential	Ground	S	54	50	54	49	54	51	55	51	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1838	Residential	Ground	E	52	48	52	47	52	49	53	49	0.1	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1838	Residential	Ground	S	51	48	52	47	52	48	52	49	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1838	Residential	Ground	E	52	48	52	48	52	49	53	49	0	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1838	Residential	Ground	N	53	50	53	49	54	50	54	51	0	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1838	Residential	Ground	W	55	52	55	51	56	52	56	52	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1838	Residential	Ground	N	56	52	56	51	56	53	57	53	0	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1839	Residential	Ground	W	58	55	58	54	59	55	59	55	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1839	Residential	Ground	S	54	51	54	50	55	51	55	51	0	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14C	NCA14C.RES.1839	Residential	Ground	E	52	48	52	48	52	49	53	49	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1839	Residential	Ground	E	52	48	52	47	52	49	53	49	0.1	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1839	Residential	Ground	E	52	49	52	48	53	49	53	49	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1839	Residential	Ground	N	54	51	54	50	55	51	55	52	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1839	Residential	Ground	W	55	52	55	51	56	52	56	52	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1839	Residential	Ground	N	55	51	55	51	55	52	56	52	0	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1839	Residential	Ground	N	54	51	54	50	55	51	55	51	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1839	Residential	Ground	N	56	52	56	51	56	53	56	53	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1839	Residential	Ground	W	57	54	57	53	58	54	58	54	0	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1839	Residential	Ground	N	58	54	58	53	58	55	59	55	-0.1	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1840	Residential	Ground	W	60	57	60	56	61	57	61	58	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1840	Residential	Ground	S	54	51	54	50	55	51	55	52	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1840	Residential	Ground	E	53	49	53	49	54	50	54	50	0	-0.8	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1840	Residential	Ground	N	54	50	54	49	54	51	54	51	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1840	Residential	Ground	E	53	50	53	49	54	50	54	50	0	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1840	Residential	Ground	N	55	52	55	51	56	52	56	53	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1840	Residential	Ground	N	55	52	55	51	56	52	56	53	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1840	Residential	Ground	N	55	52	55	51	56	52	56	52	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1840	Residential	Ground	N	54	50	54	50	54	51	55	51	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1840	Residential	Ground	N	56	53	56	52	57	53	57	53	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1841	Residential	Ground	N	54	50	54	49	54	51	55	51	0	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1841	Residential	Ground	W	55	52	55	51	56	52	56	52	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1841	Residential	Ground	N	55	52	55	51	56	53	56	53	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1841	Residential	Ground	W	57	54	57	53	58	54	58	55	-0.1	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1841	Residential	Ground	N	57	54	57	53	58	54	58	55	-0.1	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1841	Residential	Ground	W	58	54	58	53	58	55	59	55	0	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1841	Residential	Ground	S	54	51	54	50	55	51	55	51	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1841	Residential	Ground	E	52	49	52	48	53	49	53	49	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1841	Residential	Ground	E	52	48	52	47	52	49	53	49	0	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1841	Residential	Ground	E	52	49	52	48	53	49	53	49	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1842	Residential	Ground	W	60	57	60	56	61	57	61	57	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1842	Residential	Ground	W	60	56	60	55	60	57	61	57	0	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1842	Residential	Ground	W	60	57	60	56	61	57	61	57	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1842	Residential	Ground	S	55	51	55	50	55	52	56	52	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1842	Residential	Ground	E	53	49	53	48	53	50	54	50	0	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1842	Residential	Ground	N	52	49	52	48	53	49	53	50	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1842	Residential	Ground	E	52	49	52	48	53	49	53	50	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14C	NCA14C.RES.1842	Residential	Ground	N	52	49	52	48	53	49	53	50	0.1	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1842	Residential	Ground	E	52	49	52	48	53	49	53	49	0	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1842	Residential	Ground	N	55	52	55	51	56	52	56	52	0	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1843	Residential	Ground	W	55	52	55	51	56	52	56	52	-0.1	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1843	Residential	Ground	S	54	50	54	50	54	51	55	51	0.1	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1843	Residential	Ground	E	54	51	54	50	55	51	55	51	0	-0.8	0.3	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1843	Residential	Ground	N	55	51	54	50	55	52	55	52	-0.1	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1844	Residential	Ground	W	60	57	60	56	61	57	61	57	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1844	Residential	Ground	S	56	53	56	52	57	53	57	54	0	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1844	Residential	Ground	W	57	53	57	52	57	54	58	54	-0.1	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1844	Residential	Ground	S	53	50	53	49	53	50	54	50	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1844	Residential	Ground	E	49	45	49	44	49	46	50	46	0	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1844	Residential	Ground	N	54	50	54	49	54	51	55	51	-0.1	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1844	Residential	Ground	E	50	47	50	46	51	48	51	48	0	-0.8	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1844	Residential	Ground	N	55	52	55	51	56	52	56	53	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1845	Residential	Ground	W	58	54	58	53	58	55	58	55	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1845	Residential	Ground	S	54	51	54	50	55	51	55	51	-0.1	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1845	Residential	Ground	E	52	48	52	48	53	49	53	49	0	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1845	Residential	Ground	E	52	48	52	47	52	49	52	49	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1845	Residential	Ground	E	52	49	52	48	53	49	53	49	0.1	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1845	Residential	Ground	E	52	48	52	47	52	49	53	49	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1845	Residential	Ground	E	52	49	52	48	53	49	53	49	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1845	Residential	Ground	N	53	50	53	49	54	50	54	51	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1845	Residential	Ground	W	55	52	55	51	56	53	56	53	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1845	Residential	Ground	N	55	52	55	51	56	52	56	52	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1845	Residential	Ground	E	53	50	53	49	54	50	54	50	-0.1	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1845	Residential	Ground	N	57	53	56	52	57	54	57	54	-0.1	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1846	Residential	Ground	W	60	57	60	56	61	57	61	58	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1846	Residential	Ground	S	54	50	54	50	54	51	55	51	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1846	Residential	Ground	E	53	49	53	49	54	50	54	50	0	-0.8	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1846	Residential	Ground	N	56	53	56	52	57	53	57	53	-0.1	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1846	Residential	Ground	W	60	57	60	56	61	57	61	58	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1846	Residential	Ground	N	60	57	60	56	61	57	61	57	0	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1847	Residential	Ground	W	58	55	58	54	59	55	59	55	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1847	Residential	Ground	S	54	51	54	50	55	51	55	52	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1847	Residential	Ground	E	52	49	52	48	53	49	53	49	0	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1847	Residential	Ground	E	52	49	52	48	53	49	53	49	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO

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					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14C	NCA14C.RES.1847	Residential	Ground	N	55	51	55	51	55	52	56	52	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1847	Residential	Ground	W	56	53	56	52	57	53	57	54	-0.1	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1847	Residential	Ground	N	56	53	56	52	57	53	57	54	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1848	Residential	Ground	W	61	57	61	56	61	58	61	58	0	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1848	Residential	Ground	N	60	57	60	56	61	57	61	57	-0.1	-1	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1848	Residential	Ground	W	60	57	60	56	61	58	61	58	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1848	Residential	Ground	S	55	52	55	51	56	53	56	53	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1848	Residential	Ground	E	53	50	53	49	54	50	54	50	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1848	Residential	Ground	N	56	53	56	52	57	53	57	53	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1848	Residential	Ground	E	55	52	55	51	56	52	56	52	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1848	Residential	Ground	N	57	54	57	53	57	54	58	54	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1848	Residential	Ground	E	55	51	55	50	55	52	56	52	0	-0.9	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1848	Residential	Ground	N	58	55	58	54	59	56	59	56	0	-1	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1849	Residential	Ground	W	58	54	58	53	58	55	59	55	-0.1	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1849	Residential	Ground	S	55	52	55	51	56	52	56	52	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1849	Residential	Ground	E	53	49	53	48	53	50	54	50	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1849	Residential	Ground	E	54	50	54	49	54	51	54	51	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1849	Residential	Ground	N	54	50	54	50	54	51	55	51	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1849	Residential	Ground	N	53	50	53	49	54	50	54	50	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1849	Residential	Ground	E	52	49	52	48	53	49	53	50	0	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1849	Residential	Ground	N	57	53	57	52	57	54	58	54	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1849	Residential	Ground	W	57	54	57	53	58	54	58	55	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1849	Residential	Ground	N	55	52	55	51	56	52	56	52	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1849	Residential	Ground	E	55	51	55	50	55	52	55	52	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1849	Residential	Ground	N	58	54	58	53	58	55	59	55	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1932	Residential	Ground	N	53	49	53	48	53	50	54	50	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1932	Residential	Ground	E	49	45	49	44	49	46	50	46	0.1	-0.6	0.5	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1932	Residential	Ground	N	54	51	54	50	55	51	55	51	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1932	Residential	Ground	W	54	51	54	50	55	51	55	51	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1932	Residential	Ground	N	54	51	54	50	55	51	55	51	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1932	Residential	Ground	W	55	51	55	51	55	52	56	52	0.2	-0.7	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1932	Residential	Ground	S	52	49	52	48	53	49	53	50	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1932	Residential	Ground	E	48	45	49	44	49	45	50	46	0.2	-0.7	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1932	Residential	Ground	S	51	47	51	47	51	48	52	48	0.2	-0.6	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1932	Residential	Ground	E	48	45	48	44	49	45	49	46	0.1	-0.6	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1933	Residential	Ground	NW	52	49	52	48	53	49	53	50	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1933	Residential	Ground	NE	52	49	52	48	53	49	53	50	0	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14C	NCA14C.RES.1933	Residential	Ground	NW	54	51	55	50	55	51	55	52	0.3	-0.6	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1933	Residential	Ground	SW	55	51	55	50	55	52	56	52	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1933	Residential	Ground	NW	55	52	55	51	55	52	56	52	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1933	Residential	Ground	SW	55	52	56	51	56	52	56	53	0.6	-0.3	0.9	0.7	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1933	Residential	Ground	SE	52	48	53	49	52	49	54	50	0.9	0.1	1.3	0.9	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1933	Residential	Ground	NE	50	47	51	46	51	48	51	48	0.1	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1934	Residential	Ground	N	52	49	53	48	53	50	53	50	0.1	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1934	Residential	Ground	W	56	53	56	52	57	53	57	54	0.4	-0.5	0.7	0.5	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1934	Residential	Ground	N	55	52	55	51	56	53	56	53	0	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1934	Residential	Ground	W	56	53	57	52	57	53	57	54	0.4	-0.5	0.7	0.5	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1934	Residential	Ground	S	54	51	55	51	55	51	56	52	0.7	-0.3	1	0.7	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1934	Residential	Ground	E	49	45	49	45	49	46	50	46	0.2	-0.7	0.6	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1934	Residential	Ground	N	51	47	51	46	51	48	52	48	0	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1934	Residential	Ground	E	49	46	49	45	50	46	50	47	0.2	-0.7	0.6	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1935	Residential	Ground	W	56	52	56	52	56	53	57	53	0.3	-0.6	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1935	Residential	Ground	S	51	48	51	47	52	48	52	49	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1935	Residential	Ground	E	49	45	49	45	49	46	50	46	0.3	-0.6	0.7	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1935	Residential	Ground	S	51	47	51	46	51	48	52	48	0.1	-0.7	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1935	Residential	Ground	E	49	45	49	45	49	46	50	46	0.2	-0.7	0.6	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1935	Residential	Ground	N	51	48	51	47	52	48	52	49	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1935	Residential	Ground	W	56	52	56	52	56	53	57	53	0.3	-0.6	0.7	0.5	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1935	Residential	Ground	N	55	52	55	51	56	52	56	52	0	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1936	Residential	Ground	N	51	48	51	47	52	48	52	48	0.1	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1936	Residential	Ground	E	50	46	50	46	50	47	51	47	0.2	-0.7	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1936	Residential	Ground	N	51	47	51	47	51	48	52	48	0.1	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1936	Residential	Ground	E	50	46	50	45	50	47	51	47	0.1	-0.7	0.5	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1936	Residential	Ground	N	51	47	51	47	51	48	52	48	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1936	Residential	Ground	W	55	52	56	51	56	53	57	53	0.1	-0.7	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1936	Residential	Ground	W	55	52	56	51	56	53	57	53	0.1	-0.8	0.6	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1936	Residential	Ground	S	51	48	51	47	52	48	52	48	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1936	Residential	Ground	E	49	46	49	45	50	46	50	46	0.2	-0.7	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1937	Residential	Ground	N	52	49	52	48	53	49	53	49	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1937	Residential	Ground	W	56	52	56	51	56	53	57	53	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1937	Residential	Ground	N	55	52	55	51	56	52	56	53	-0.1	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1937	Residential	Ground	W	55	52	56	51	56	53	56	53	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1937	Residential	Ground	S	51	47	51	47	51	48	52	48	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1937	Residential	Ground	E	49	45	49	45	50	46	50	46	0.1	-0.7	0.5	0.4	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14C	NCA14C.RES.1938	Residential	Ground	N	53	49	53	49	53	50	54	50	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1938	Residential	Ground	W	55	52	55	51	56	53	56	53	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1938	Residential	Ground	S	53	49	53	48	53	50	54	50	0	-1	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1938	Residential	Ground	S	51	48	51	47	52	48	52	49	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1938	Residential	Ground	E	49	46	49	45	50	46	50	46	0.2	-0.7	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1938	Residential	Ground	N	51	47	51	46	51	48	52	48	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.1938	Residential	Ground	E	49	46	49	45	50	46	50	47	0.1	-0.7	0.5	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2002	Residential	Ground	N	56	52	55	51	56	53	56	53	-0.1	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2002	Residential	Ground	W	58	54	58	53	58	55	59	55	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2002	Residential	Ground	W	58	54	58	53	58	55	59	55	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2002	Residential	Ground	S	52	49	52	48	53	49	53	49	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2002	Residential	Ground	E	51	47	51	47	51	48	52	48	0.1	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2003	Residential	Ground	W	56	52	56	51	56	53	56	53	0	-0.8	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2003	Residential	Ground	N	56	52	56	51	56	53	56	53	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2003	Residential	Ground	W	56	53	56	52	57	53	57	54	0	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2003	Residential	Ground	S	53	49	53	48	53	50	54	50	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2003	Residential	Ground	S	52	49	52	48	53	49	53	49	0.1	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2003	Residential	Ground	E	50	46	50	46	50	47	51	47	0	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2003	Residential	Ground	N	55	51	55	50	55	52	55	52	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2004	Residential	Ground	N	53	50	53	49	54	50	54	50	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2004	Residential	Ground	W	56	53	56	52	57	53	57	53	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2004	Residential	Ground	N	56	52	56	51	56	53	57	53	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2004	Residential	Ground	W	56	53	56	52	57	53	57	53	0	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2004	Residential	Ground	S	51	48	51	47	52	48	52	48	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2004	Residential	Ground	E	50	46	50	46	50	47	51	47	0.1	-0.7	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2004	Residential	Ground	E	50	46	50	45	50	47	51	47	0.1	-0.7	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2004	Residential	Ground	E	50	46	50	46	50	47	51	47	0.1	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2005	Residential	Ground	W	58	54	58	53	58	55	59	55	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2005	Residential	Ground	S	53	49	53	48	53	50	54	50	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2005	Residential	Ground	E	51	47	51	47	51	48	52	48	0	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2005	Residential	Ground	N	52	49	52	48	53	49	53	50	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2005	Residential	Ground	N	51	48	51	47	52	48	52	49	0	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2005	Residential	Ground	N	52	49	52	48	53	49	53	49	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2005	Residential	Ground	W	58	54	58	53	58	55	59	55	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2005	Residential	Ground	W	58	54	57	53	58	55	58	55	-0.1	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2006	Residential	Ground	W	57	54	57	53	58	55	58	55	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2006	Residential	Ground	S	52	48	52	47	52	49	53	49	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO

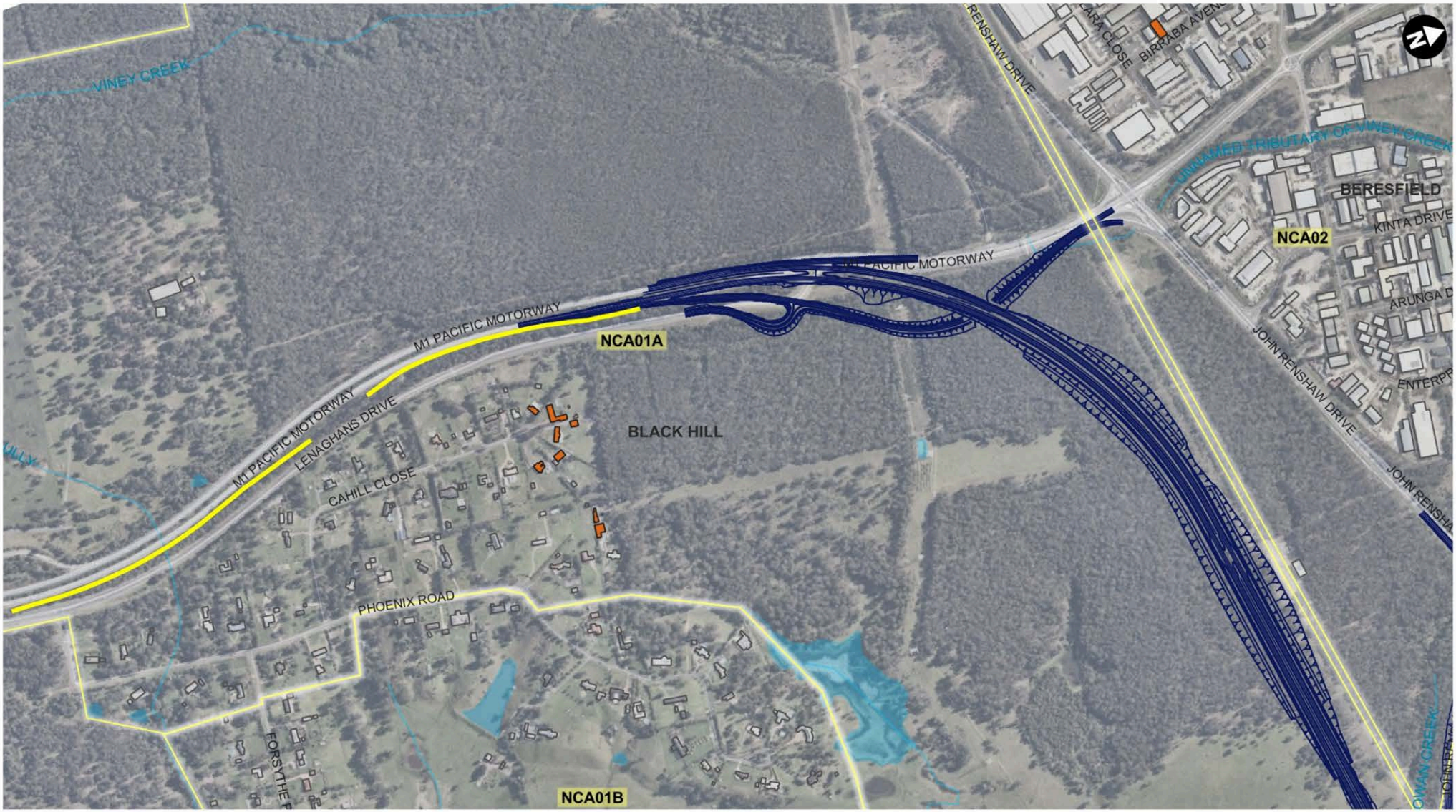
NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14C	NCA14C.RES.2006	Residential	Ground	E	51	47	51	47	51	48	52	48	0	-0.7	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2006	Residential	Ground	N	53	50	53	49	54	50	54	50	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2006	Residential	Ground	E	51	48	51	47	52	48	52	49	0	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2006	Residential	Ground	N	52	49	52	48	53	49	53	49	0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2006	Residential	Ground	W	58	54	58	53	58	55	58	55	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2006	Residential	Ground	N	57	54	57	53	58	54	58	55	0	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2007	Residential	Ground	W	56	53	56	52	57	53	57	53	0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2007	Residential	Ground	S	52	48	52	47	52	49	53	49	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2007	Residential	Ground	E	50	46	50	46	50	47	51	47	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2007	Residential	Ground	N	52	49	52	48	53	49	53	50	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2007	Residential	Ground	N	51	48	51	47	52	48	52	49	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2007	Residential	Ground	N	50	47	50	46	51	47	51	48	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2007	Residential	Ground	E	50	47	50	46	51	47	51	47	0	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2007	Residential	Ground	N	51	48	51	47	52	48	52	48	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2007	Residential	Ground	W	55	52	55	51	56	52	56	52	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2007	Residential	Ground	N	56	52	56	51	56	53	56	53	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2008	Residential	Ground	W	57	54	57	53	58	55	58	55	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2008	Residential	Ground	W	57	54	57	53	58	55	58	55	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2008	Residential	Ground	S	52	48	52	47	52	49	53	49	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2008	Residential	Ground	E	51	47	51	47	51	48	52	48	0.1	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2008	Residential	Ground	N	51	48	51	47	52	48	52	49	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2009	Residential	Ground	W	57	54	57	53	58	55	58	55	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2009	Residential	Ground	W	57	54	57	53	58	55	58	55	0	-1	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2009	Residential	Ground	W	57	54	57	53	58	55	58	55	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2009	Residential	Ground	S	52	48	52	48	52	49	53	49	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2009	Residential	Ground	E	51	47	51	46	51	48	52	48	0	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2009	Residential	Ground	N	52	49	52	48	53	49	53	50	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2009	Residential	Ground	N	51	48	51	47	52	48	52	49	0	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2009	Residential	Ground	N	52	48	52	47	52	49	53	49	0	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2010	Residential	Ground	W	56	53	56	52	57	53	57	53	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2010	Residential	Ground	S	52	48	52	47	52	49	53	49	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2010	Residential	Ground	E	50	46	50	46	50	47	51	47	0.1	-0.7	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2010	Residential	Ground	E	49	46	49	45	50	46	50	47	0.1	-0.7	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2010	Residential	Ground	E	50	46	50	46	50	47	51	47	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2010	Residential	Ground	N	51	48	51	47	52	49	52	49	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2010	Residential	Ground	W	55	51	55	51	55	52	56	52	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2010	Residential	Ground	W	55	51	55	51	55	52	56	52	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night					
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night	≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
NCA14C	NCA14C.RES.2010	Residential	Ground	N	55	52	55	51	56	52	56	53	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2010	Residential	Ground	N	55	52	55	51	56	53	56	53	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2011	Residential	Ground	W	56	52	56	52	56	53	57	53	0.1	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2011	Residential	Ground	S	51	48	51	47	52	48	52	49	0	-0.9	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2011	Residential	Ground	E	50	46	50	45	50	47	51	47	0	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2011	Residential	Ground	E	49	46	49	45	50	46	50	47	0.1	-0.7	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2011	Residential	Ground	E	50	46	50	46	50	47	51	47	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2011	Residential	Ground	N	51	48	51	47	52	48	52	49	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2011	Residential	Ground	N	53	50	53	49	54	50	54	50	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2011	Residential	Ground	W	55	52	55	51	56	53	56	53	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2011	Residential	Ground	N	55	52	55	51	56	53	56	53	0	-1	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2012	Residential	Ground	W	56	52	56	51	56	53	57	53	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2012	Residential	Ground	S	51	48	51	47	52	48	52	49	0	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2012	Residential	Ground	E	50	46	50	45	50	47	51	47	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2012	Residential	Ground	S	50	46	50	46	50	47	51	47	0.1	-0.7	0.5	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2012	Residential	Ground	E	50	46	50	46	50	47	51	47	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2012	Residential	Ground	N	51	48	51	47	52	48	52	48	0.1	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2012	Residential	Ground	W	52	49	52	48	53	49	53	49	0.1	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2012	Residential	Ground	N	51	48	51	47	52	49	52	49	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2012	Residential	Ground	E	50	47	50	46	51	47	51	48	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2012	Residential	Ground	N	52	48	52	47	52	49	53	49	0.1	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2012	Residential	Ground	W	55	52	55	51	56	53	56	53	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2012	Residential	Ground	N	55	52	55	51	56	53	56	53	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2013	Residential	Ground	W	57	54	57	53	58	55	58	55	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2013	Residential	Ground	S	51	48	51	47	52	49	52	49	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2013	Residential	Ground	E	51	47	51	46	51	48	52	48	0	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2013	Residential	Ground	N	53	50	53	49	54	50	54	50	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2013	Residential	Ground	E	51	48	51	47	52	48	52	48	0.1	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2013	Residential	Ground	N	52	49	53	48	53	50	53	50	0.1	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2013	Residential	Ground	W	58	54	58	53	58	55	58	55	0	-0.9	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2013	Residential	Ground	W	57	54	57	53	58	55	58	55	-0.1	-1	0.3	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2014	Residential	Ground	W	58	54	58	53	58	55	59	55	0	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2014	Residential	Ground	W	58	54	58	53	58	55	59	55	0	-0.9	0.5	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2014	Residential	Ground	S	52	49	52	48	53	49	53	49	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2014	Residential	Ground	E	51	47	51	46	51	48	52	48	0	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2014	Residential	Ground	N	52	48	52	48	52	49	53	49	0	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2015	Residential	Ground	N	51	47	51	46	51	48	52	48	0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14C	NCA14C.RES.2015	Residential	Ground	W	53	50	53	49	54	50	54	50	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2015	Residential	Ground	N	54	50	54	49	54	51	55	51	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2015	Residential	Ground	W	55	52	55	51	56	53	56	53	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2015	Residential	Ground	S	52	49	52	48	53	49	53	49	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2015	Residential	Ground	E	50	46	50	46	50	47	51	47	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2015	Residential	Ground	E	49	46	50	45	50	46	50	47	0.2	-0.7	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2015	Residential	Ground	E	50	46	50	46	50	47	51	47	0.1	-0.7	0.6	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2016	Residential	Ground	W	58	54	58	54	58	55	59	55	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2016	Residential	Ground	W	58	54	58	54	58	55	59	55	0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2016	Residential	Ground	W	58	54	58	53	58	55	59	55	0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2016	Residential	Ground	S	53	49	53	49	53	50	54	50	0	-0.9	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2016	Residential	Ground	E	51	47	51	46	51	48	52	48	0.1	-0.8	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2016	Residential	Ground	N	52	49	52	48	53	49	53	50	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2016	Residential	Ground	N	53	49	53	49	53	50	54	50	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2017	Residential	Ground	W	58	54	58	53	58	55	59	55	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2017	Residential	Ground	W	57	54	57	53	58	55	58	55	0	-1	0.3	0.1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2017	Residential	Ground	W	58	54	58	53	58	55	59	55	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2017	Residential	Ground	W	58	54	58	53	58	55	59	55	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2017	Residential	Ground	S	55	51	55	51	55	52	56	52	0.2	-0.7	0.7	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2017	Residential	Ground	E	51	47	51	46	51	48	52	48	0.1	-0.7	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2017	Residential	Ground	N	53	50	53	49	54	50	54	51	0	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2017	Residential	Ground	E	51	48	51	47	52	48	52	49	0	-0.7	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2017	Residential	Ground	N	54	50	54	50	54	51	55	51	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2018	Residential	Ground	W	53	50	53	49	54	50	54	50	0.2	-0.7	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2018	Residential	Ground	N	52	49	52	48	53	49	53	49	0	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2018	Residential	Ground	W	54	51	55	50	55	51	55	52	0.2	-0.7	0.5	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2018	Residential	Ground	S	54	51	54	50	55	51	55	52	0.2	-0.7	0.7	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2018	Residential	Ground	E	51	47	51	47	51	48	52	49	0.6	-0.3	0.9	0.7	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2018	Residential	Ground	S	53	50	54	49	54	50	54	51	0.3	-0.7	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2018	Residential	Ground	E	50	47	50	46	51	47	51	47	0.1	-0.7	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2018	Residential	Ground	N	54	50	54	49	54	51	55	51	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2019	Residential	Ground	W	54	50	54	49	54	51	55	51	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2019	Residential	Ground	S	53	50	54	49	54	50	55	51	0.2	-0.6	0.7	0.5	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2019	Residential	Ground	S	54	50	54	49	54	51	55	51	0.2	-0.6	0.7	0.5	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2019	Residential	Ground	E	50	46	50	45	50	47	51	47	0.2	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2019	Residential	Ground	E	49	46	49	45	50	46	50	47	0.1	-0.7	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2019	Residential	Ground	E	49	46	50	45	50	46	51	47	0.1	-0.7	0.5	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2019	Residential	Ground	E	49	46	49	45	50	46	50	47	0.2	-0.7	0.5	0.4	60	55	NO	NO	NO	NO	NO

NCA	Receiver ID	Receiver Type	Facade		2028 Opening Year				2038 Design Year				Trigger 1 Increase ('With project' - 'Do minimum')				NCG noise criteria		Trigger 2 Do noise levels exceed the cumlative limit with project roads adding ≥ 2dB to the total noise levels?		Trigger 3 Is the contribution from the road project Acute?		Consider additional noise mitigation?
					'Do minimum'		'With project'		'Do minimum'		'With project'		Opening Year		Design Year						Day	Night	
			Floor	Orientation	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night			≥ 65dB $L_{Aeq,15h}$	≥ 60dB $L_{Aeq,9h}$	
					dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	Day	Night			
NCA14C	NCA14C.RES.2019	Residential	Ground	E	50	46	50	45	50	47	51	47	0.1	-0.7	0.5	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2019	Residential	Ground	E	49	46	49	45	50	46	50	46	0.2	-0.7	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2019	Residential	Ground	E	50	46	50	45	50	47	51	47	0.1	-0.7	0.5	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2019	Residential	Ground	N	52	48	52	48	52	49	53	49	0	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2020	Residential	Ground	W	52	49	52	48	53	49	53	50	0.1	-0.8	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2020	Residential	Ground	S	51	48	51	47	52	48	52	49	0.3	-0.6	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2020	Residential	Ground	S	53	50	54	49	54	50	55	51	0.3	-0.6	0.7	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2020	Residential	Ground	S	53	49	53	49	53	50	54	50	0.3	-0.5	0.8	0.5	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2020	Residential	Ground	S	53	50	54	49	54	50	55	51	0.3	-0.6	0.7	0.5	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2020	Residential	Ground	E	50	46	50	46	50	47	51	47	0.1	-0.7	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2020	Residential	Ground	E	49	46	49	45	50	46	50	46	0.2	-0.7	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2020	Residential	Ground	E	50	46	50	46	50	47	51	47	0.1	-0.8	0.5	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2020	Residential	Ground	N	55	51	55	50	55	52	56	52	0	-0.9	0.4	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2400	Residential	Ground	W	51	47	51	47	51	48	52	48	0.4	-0.6	0.7	0.5	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2400	Residential	Ground	W	49	46	49	45	50	46	50	46	0.2	-0.7	0.6	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2400	Residential	Ground	W	54	50	54	50	54	51	55	51	0.8	-0.1	1.1	0.8	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2400	Residential	Ground	W	53	49	54	49	53	50	55	51	1	0	1.4	1	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2400	Residential	Ground	W	54	51	55	50	55	51	56	52	0.8	-0.2	1.1	0.8	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2400	Residential	Ground	S	56	53	56	52	57	53	57	54	0.5	-0.4	0.8	0.6	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2400	Residential	Ground	E	56	53	57	53	57	53	58	54	0.5	-0.4	0.9	0.7	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2400	Residential	Ground	E	56	53	57	52	57	53	58	54	0.4	-0.5	0.7	0.5	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2400	Residential	Ground	E	56	53	57	53	57	53	58	54	0.6	-0.3	0.9	0.7	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2400	Residential	Ground	E	53	50	54	49	54	51	54	51	0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2400	Residential	Ground	E	55	51	55	51	55	52	56	52	-0.1	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2400	Residential	Ground	N	51	48	51	47	52	48	52	48	0.1	-0.8	0.5	0.3	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2401	Residential	Ground	N	53	50	53	49	54	50	54	50	0	-0.9	0.4	0.2	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2401	Residential	Ground	NW	54	51	55	51	55	52	56	52	0.8	-0.2	1.1	0.8	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2401	Residential	Ground	W	55	51	56	51	55	52	57	53	0.7	-0.2	1.1	0.7	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2401	Residential	Ground	S	56	53	57	53	57	53	58	54	0.6	-0.4	0.9	0.6	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2401	Residential	Ground	E	56	52	56	52	56	53	57	53	0.3	-0.6	0.6	0.4	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2401	Residential	Ground	S	55	52	56	52	56	52	57	53	0.8	-0.1	1.2	0.9	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2401	Residential	Ground	W	55	52	56	52	56	52	57	53	0.6	-0.2	1.1	0.7	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2401	Residential	Ground	S	55	52	56	52	56	52	57	53	0.6	-0.3	1.1	0.7	60	55	NO	NO	NO	NO	NO
NCA14C	NCA14C.RES.2401	Residential	Ground	E	57	54	57	52	57	54	58	54	0.1	-1.1	0.5	0.2	60	55	NO	NO	NO	NO	NO

D.11 Receivers triggered for additional noise mitigation – with existing barriers only (2038 With project)



Receiver identified for potential treatment

- Triggered receiver
- NCA
- Design alignment
- Existing barrier
- Building

150 0 150 300 m





Figure TL081-01.6.2.1.1 Q40 (r5) Receivers identified for consideration of treatment - no mitigation



Receiver identified for potential treatment

- Triggered receiver
- NCA
- Design alignment
- Existing barrier
- Building

150 0 150 300 m

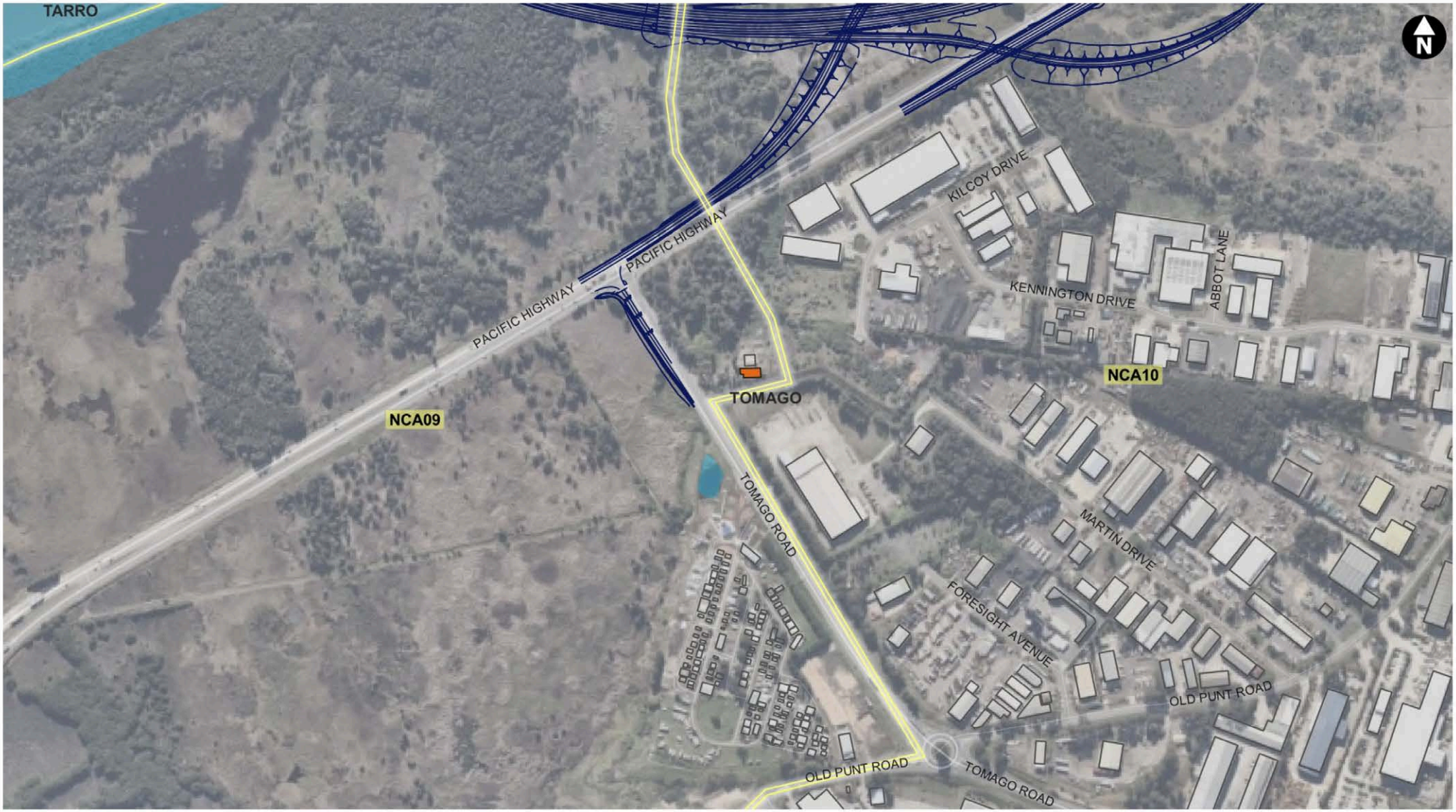
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Figure TL081-01.6.2.1.1 Q40 (r5) Receivers identified for consideration of treatment - no mitigation

Date: 03/03/2021 Project path: R:\AssocSydProjects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Outputs\GIS\TL081-01.6.1 M12RT GIS (r0).qgz



Receiver identified for potential treatment

- Triggered receiver
- NCA
- Design alignment
- Existing barrier
- Building

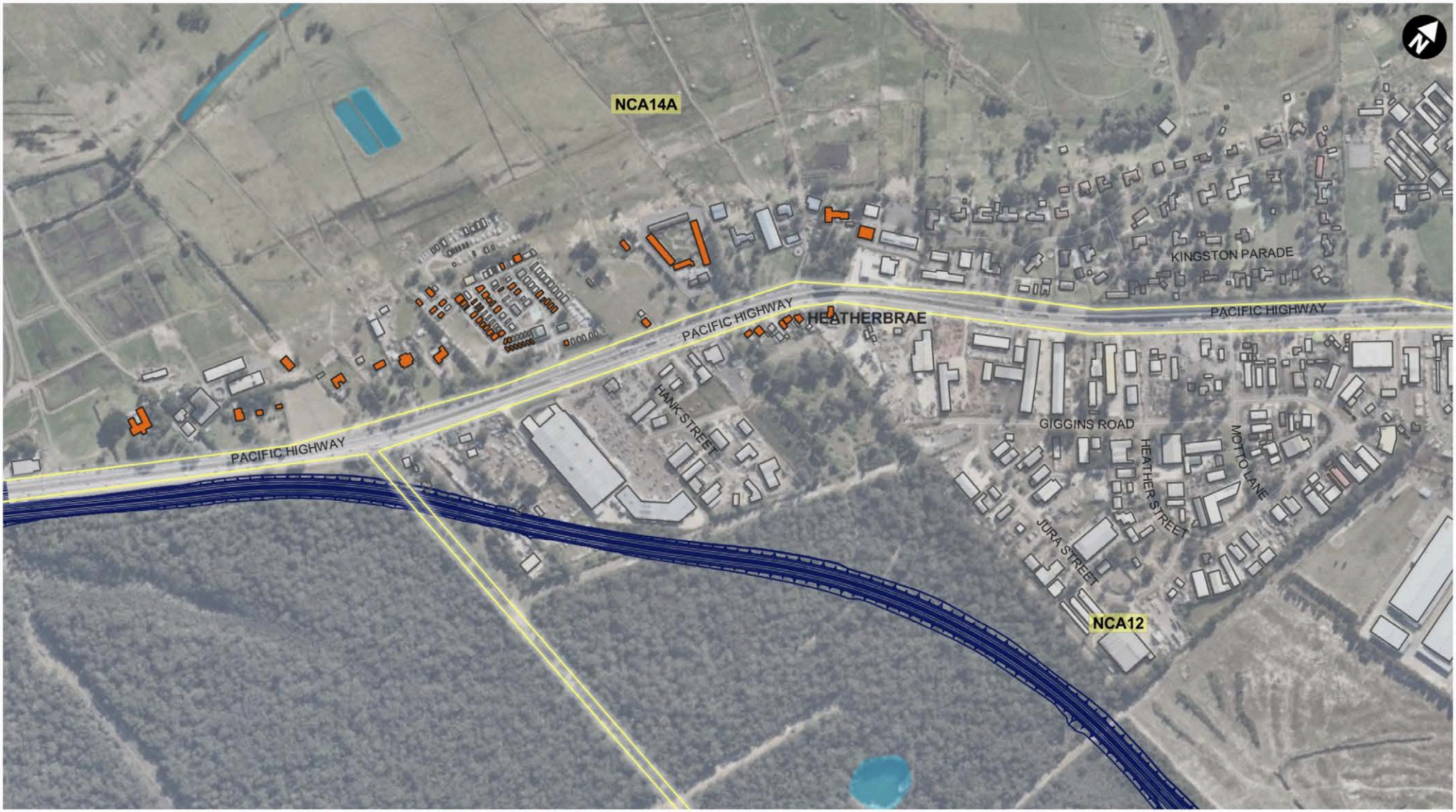
150 0 150 300 m





Figure TL081-01.6.2.1.1 Q40 (r5) Receivers identified for consideration of treatment - no mitigation

Date: 03/03/2021 Project path: R:\AssocSyd\Projects\TL051-TL100\TL081 inch M1 Motorway to Raymond Terrace\6 Figures & CAD Outputs\GIS\TL081-01.6.1 M1 2RT GIS (r0).qgz



Receiver identified for potential treatment

- Triggered receiver
- NCA
- Design alignment
- Existing barrier
- Building

150 0 150 300 m





Figure TL081-01.6.2.1.1 Q40 (r5) Receivers identified for consideration of treatment - no mitigation

Date: 03/03/2021 Project path: R:\AssocSydProjects\TL051-TL100\TL081 inch M1 Motorway to Raymond Terrace\6 Figures & CAD Outputs\GIS\TL081-01.6.1 M12RT GIS (r0).qgz



Receiver identified for potential treatment

- Triggered receiver
- NCA
- Design alignment
- Existing barrier
- Building

150 0 150 300 m

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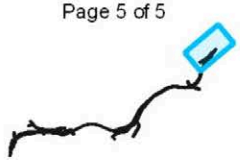
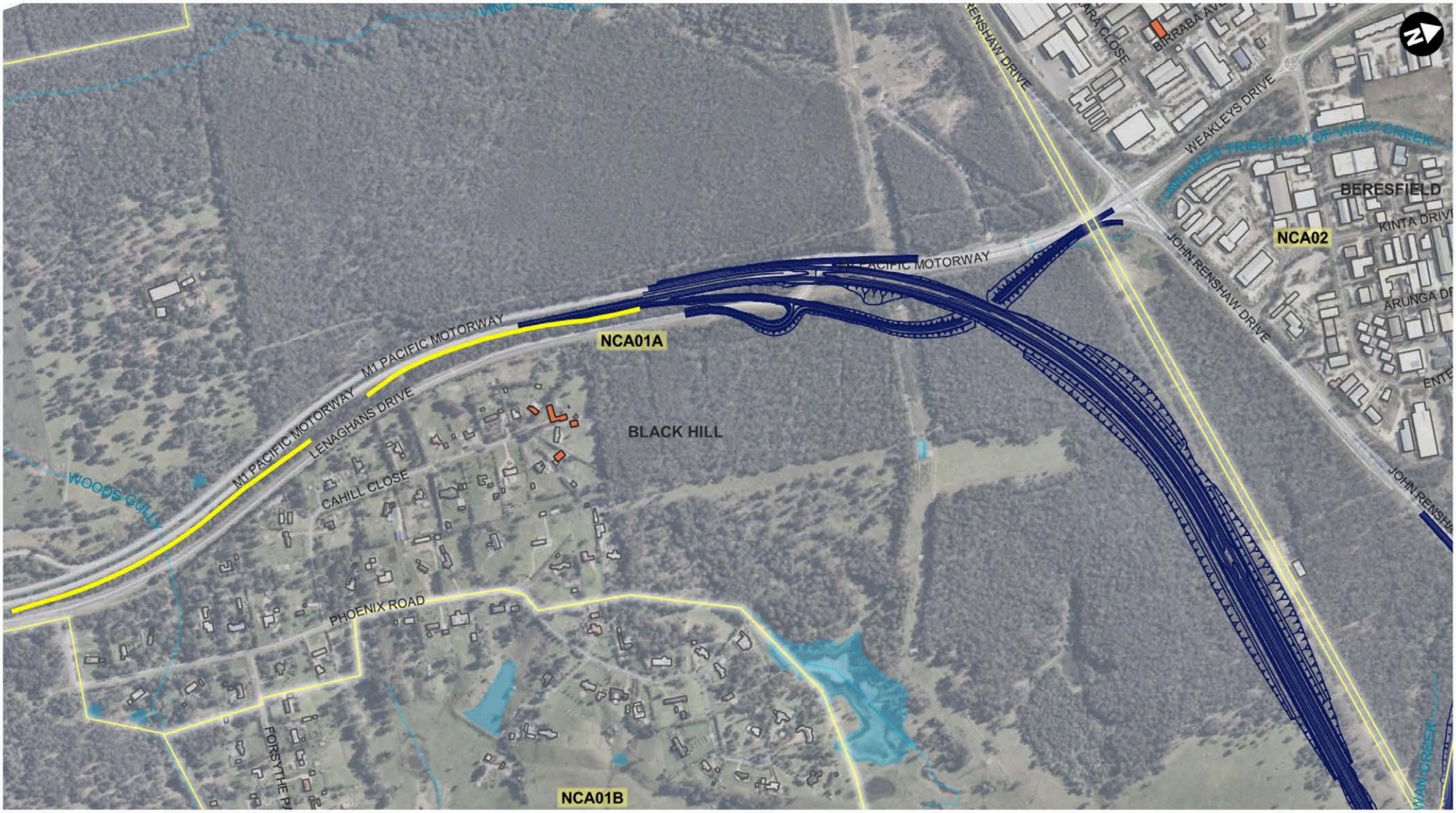




Figure TL081-01.6.2.1.1 Q40 (r5) Receivers identified for consideration of treatment - no mitigation

D.12 Receivers triggered for further noise mitigation – with existing barriers and quieter pavements (2038 With project)



Receiver identified for potential treatment

- Triggered receiver
- NCA
- Design alignment
- Existing barrier
- Building

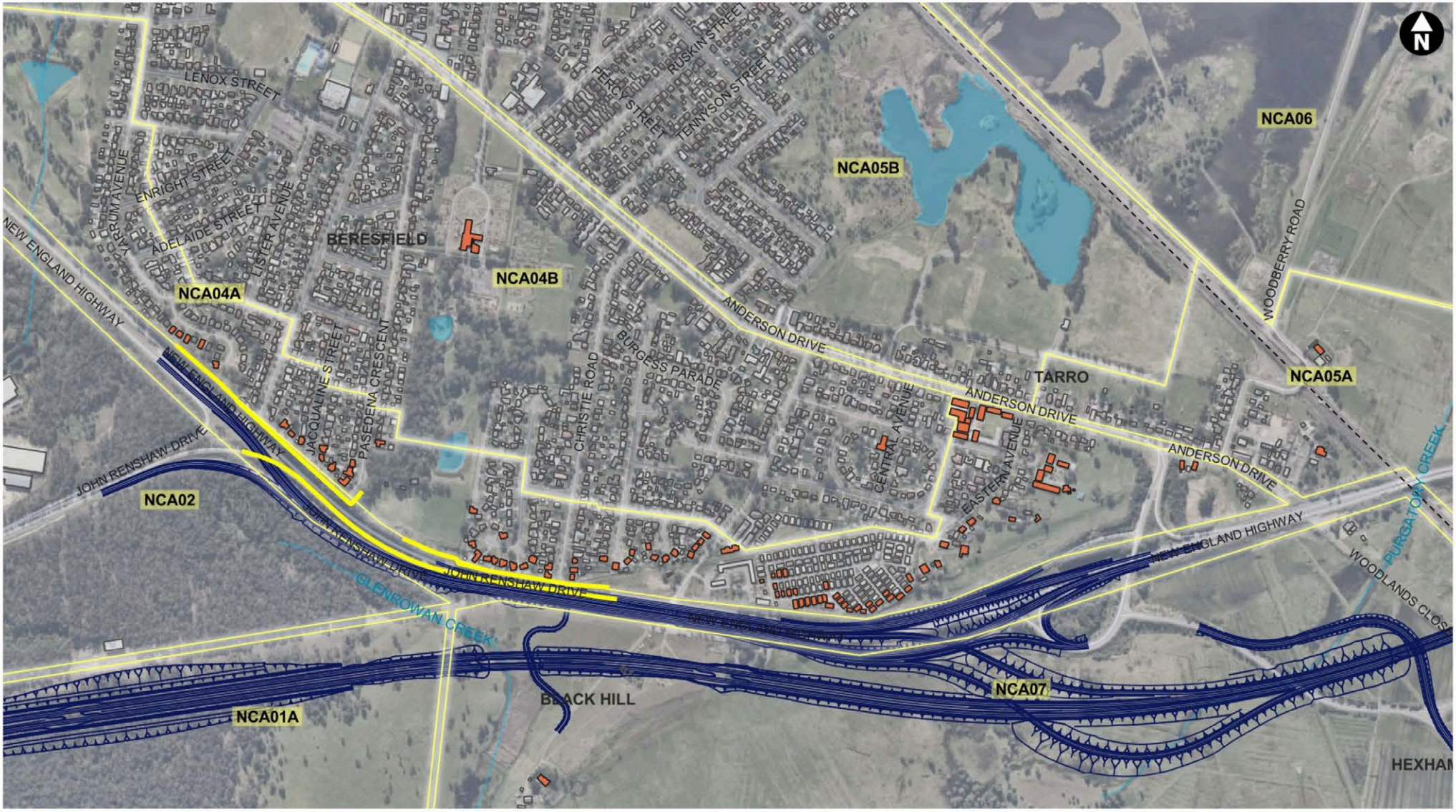
150 0 150 300 m





Figure TL081-01.6.2.1.1 Q41 (r6) Receivers identified for consideration of treatment - with low noise pavement

Date: 14/04/2021 Project path: R:\AssocSyd\Projects\TL051-TL100\TL081 Inch M1 Motorway to Raymond Terrace\6 Figures & CAD Outputs\GIS\TL081-01.6.1 M1.2RT QGIS (r0).qgz



Receiver identified for potential treatment

- Triggered receiver
- NCA
- Design alignment
- Existing barrier
- Building

150 0 150 300 m





Figure TL081-01.6.2.1.1 Q41 (r6) Receivers identified for consideration of treatment - with low noise pavement

Date: 14/04/2021 Project path: R:\AssocSyd\Projects\TL051-TL100\TL081 Inch M1 Motorway to Raymond Terrace\6 Figures & CAD Outputs\GIS\TL081-01.6.1 M1 2RT QGIS (r0).qgz

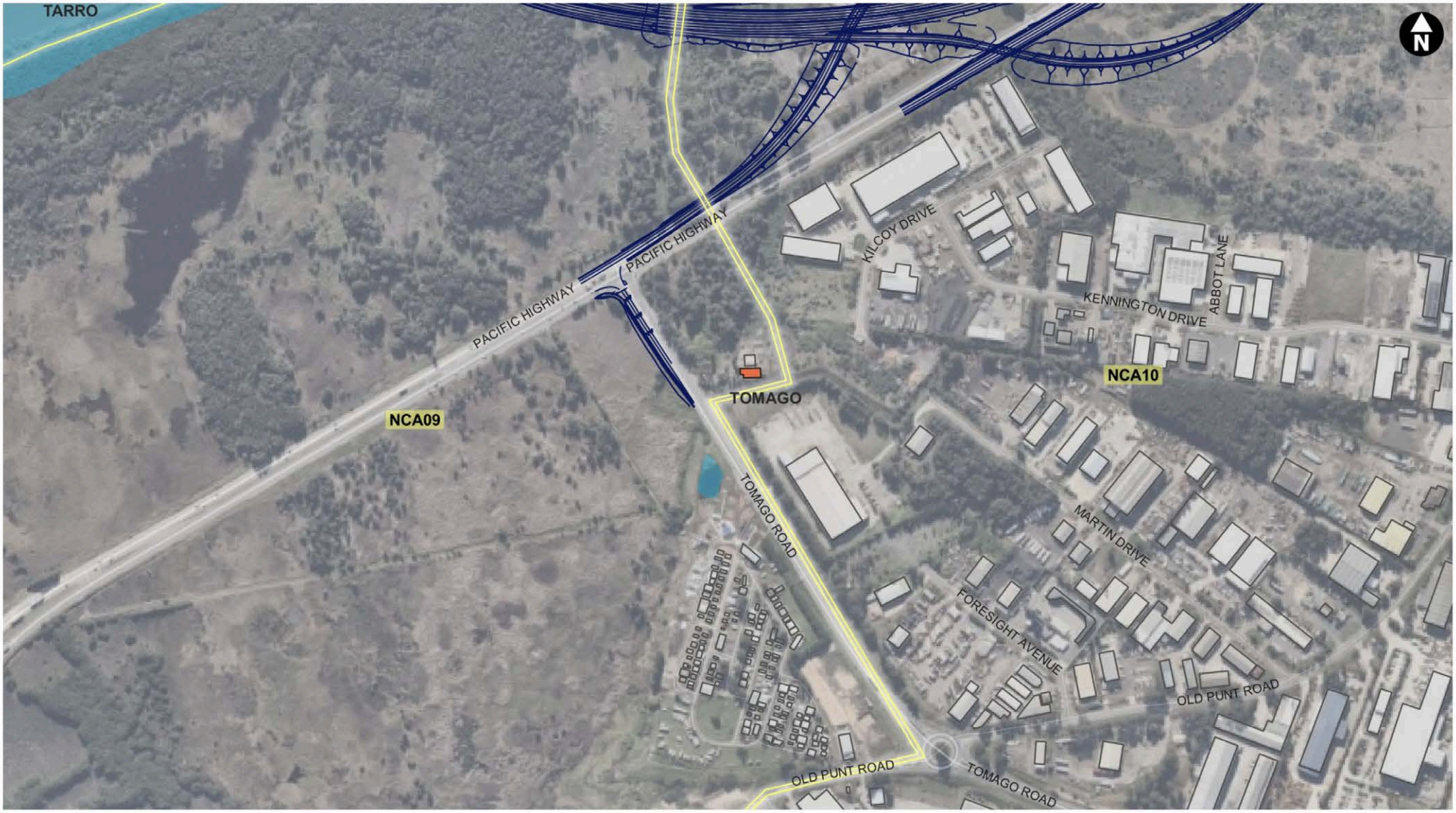


Figure TL081-01.6.2.1.1 Q41 (r6) Receivers identified for consideration of treatment - with low noise pavement



Receiver identified for potential treatment

Triggered receiver

NCA

Design alignment

Existing barrier

Building

150 0 150 300 m





Figure TL081-01.6.2.1.1 Q41 (r6) Receivers identified for consideration of treatment - with low noise pavement

Date: 14/04/2021 Project path: R:\AssocSyd\Projects\TL051-TL100\TL081 Inch M1 Motorway to Raymond Terrace\6 Figures & CAD Outputs\GIS\TL081-01.6.1 M1 2RT QGIS (r0).qgz



Figure TL081-01.6.2.1.1 Q41 (r6) Receivers identified for consideration of treatment - with low noise pavement

Date: 14/04/2021 Project path: R:\AssocSyd\Projects\TL051-TL100\TL081 Inch M1 Motorway to Raymond Terrace\6 Figures & CAD Outputs\GIS\TL081-01.6.1 M12RT GIS (r0).qgz

D.13 Operational traffic noise contours – without mitigation (2038 With project)

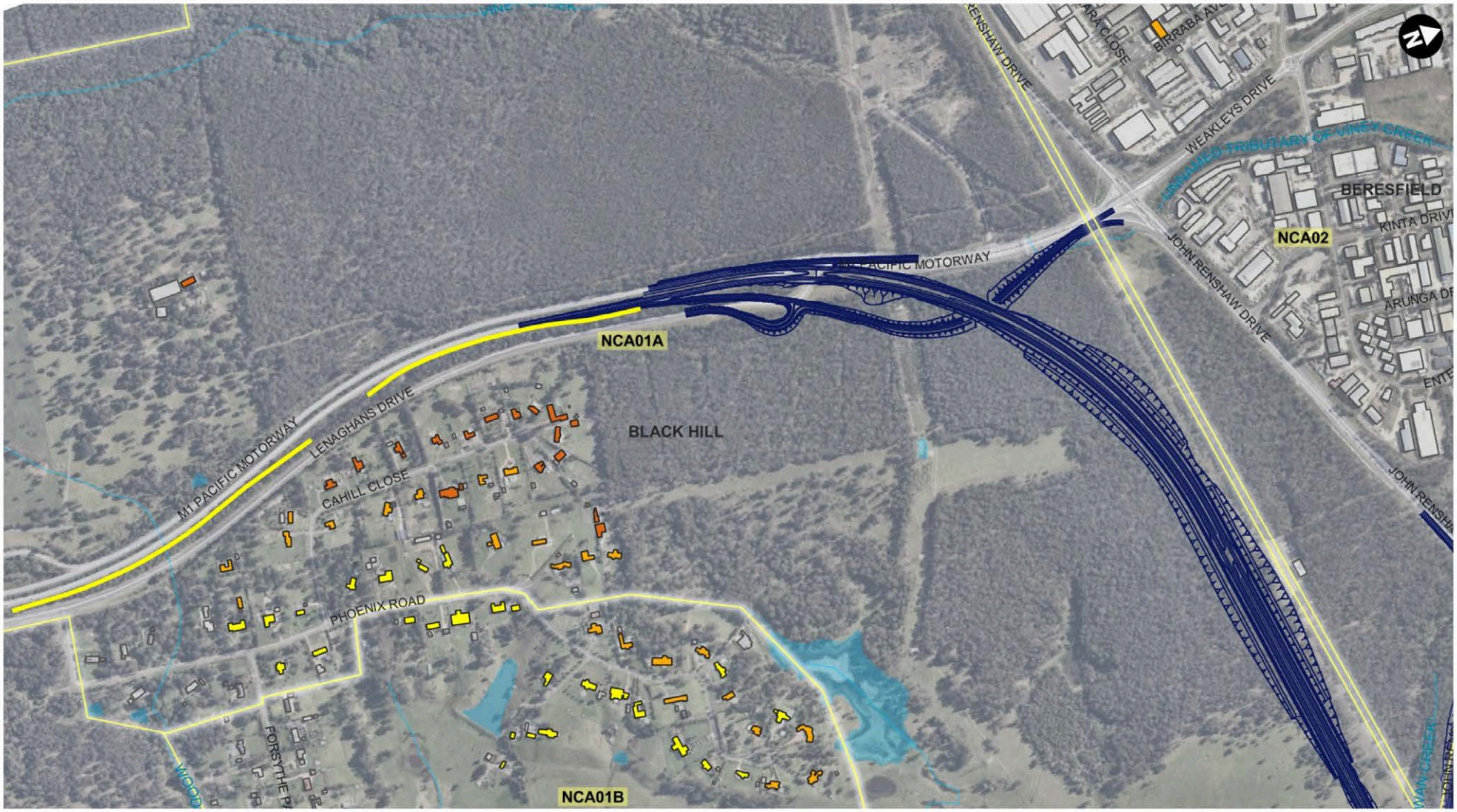


Figure TL081-01.6.2.1.1 Q34 (r4) Predicted maximum building traffic noise levels - 2038 w/project day, no mitigation

Date: 24/02/2021 Project path: R:\AssocSyd\Projects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Outputs\GIS\TL081-01.6.1 M12RT GIS (r0).qgz



Building noise level - LAeq(15hr), dB(A)

- < 50
- 50 - 55
- 55 - 60
- 60 - 65
- >65

- NCA
- Design alignment
- Existing barrier
- Building

150 0 150 300 m

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Figure TL081-01.6.2.1.1 Q34 (r4) Predicted maximum building traffic noise levels - 2038 w/project day, no mitigation

Date: 24/02/2021 Project path: R:\AssocSyd\Projects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Outputs\GIS\TL081-01.6.1 M12RT GIS (r0).qgz

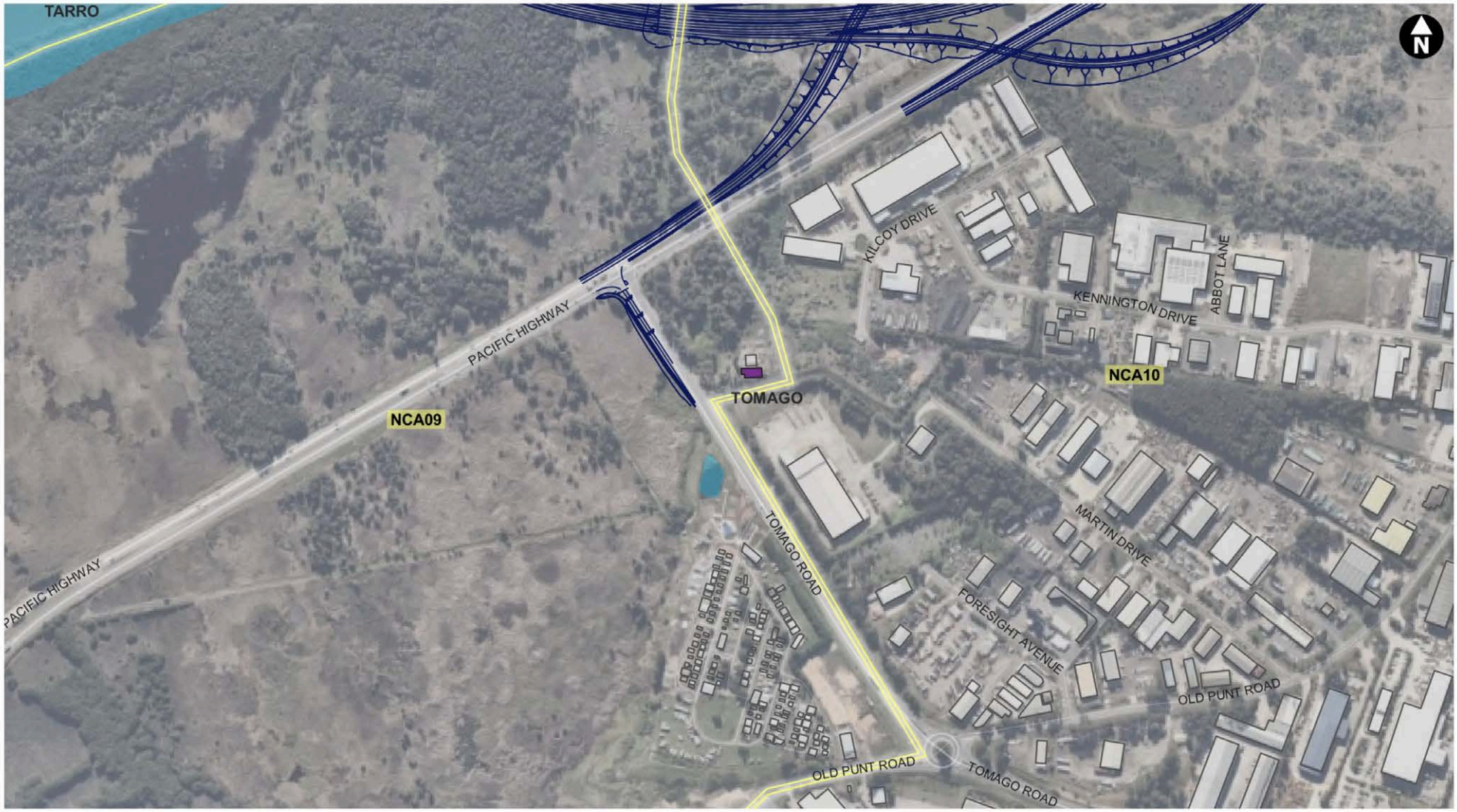


Figure TL081-01.6.2.1.1 Q34 (r4) Predicted maximum building traffic noise levels - 2038 w/project day, no mitigation

Date: 24/02/2021 Project path: R:\AssocSyd\Projects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Outputs\GIS\TL081-01.6.1 M1 2RT GIS (r0).qgz

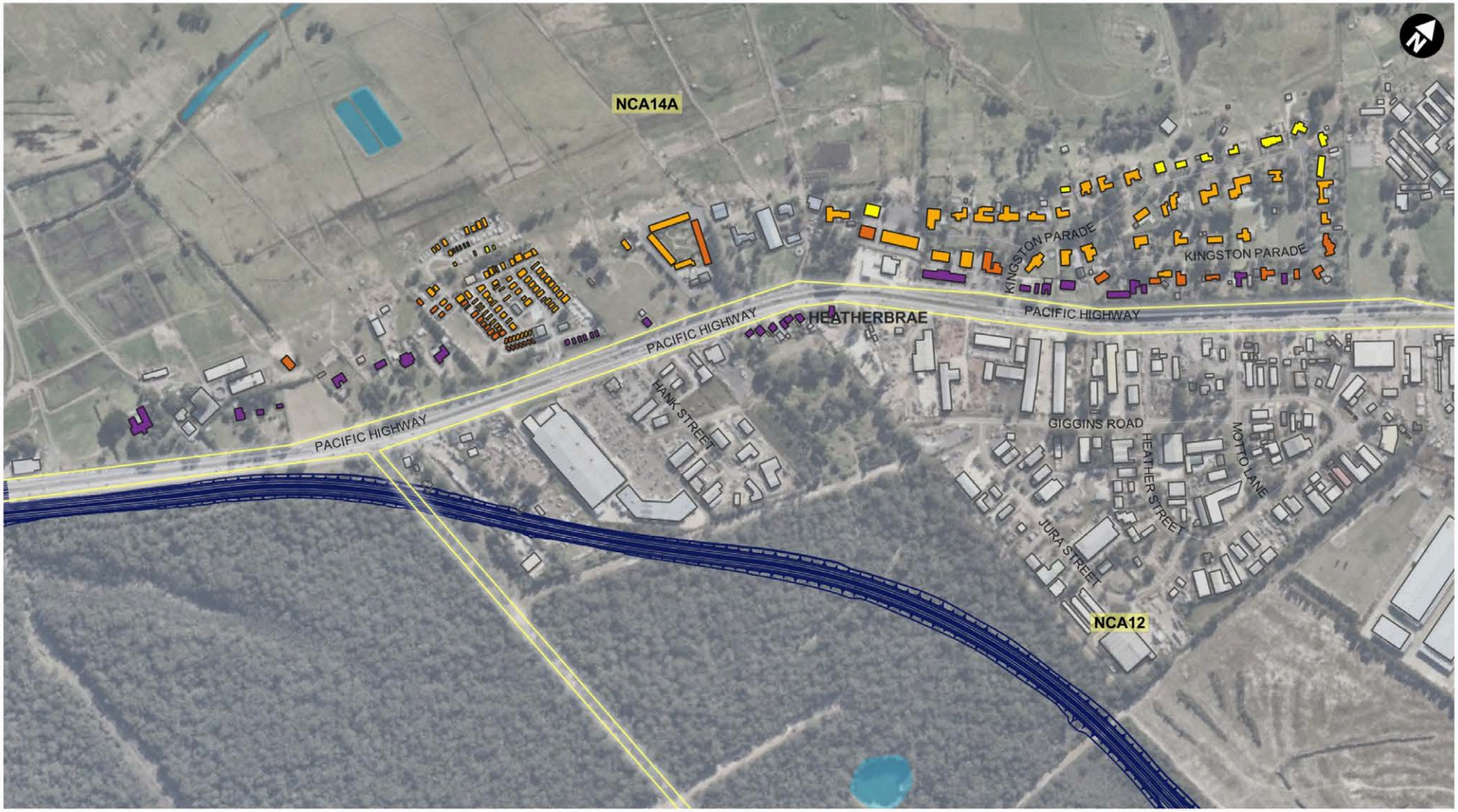


Figure TL081-01.6.2.1.1 Q34 (r4) Predicted maximum building traffic noise levels - 2038 w/project day, no mitigation

Date: 24/02/2021 Project path: R:\AssocSyd\Projects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Outputs\GIS\TL081-01.6.1 M12RT GIS (r0).qgz



Building noise level - LAeq(15hr), dB(A)

- < 50
- 50 - 55
- 55 - 60
- 60 - 65
- >65

- NCA
- Design alignment
- Existing barrier
- Building

150 0 150 300 m

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Figure TL081-01.6.2.1.1 Q34 (r4) Predicted maximum building traffic noise levels - 2038 w/project day, no mitigation

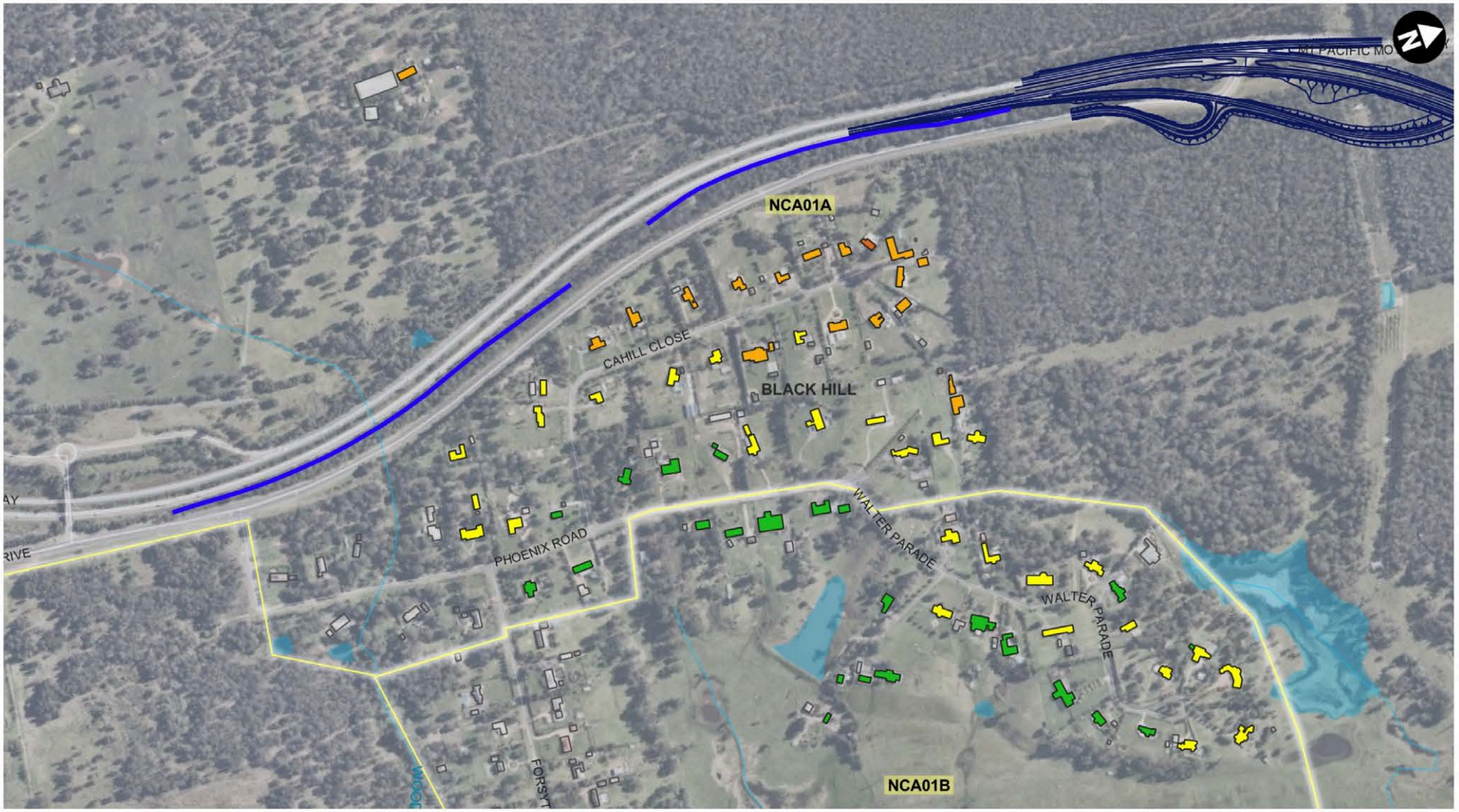
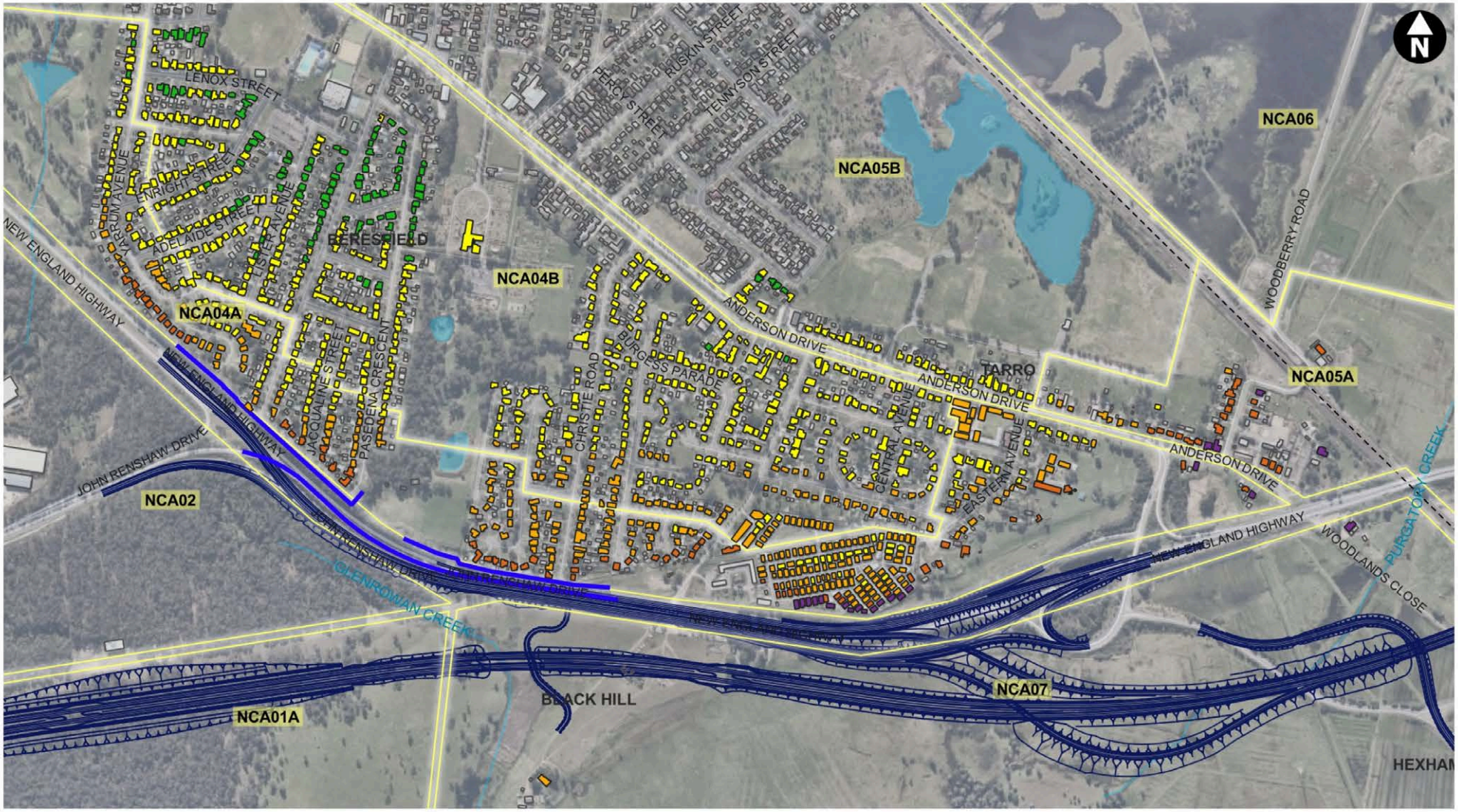


Figure TL081-01.6.2.1.1 Q35 (r3) Predicted maximum building traffic noise levels - 2038 w/project night, no mitigation



Building noise level - LAeq(9hr), dB(A)

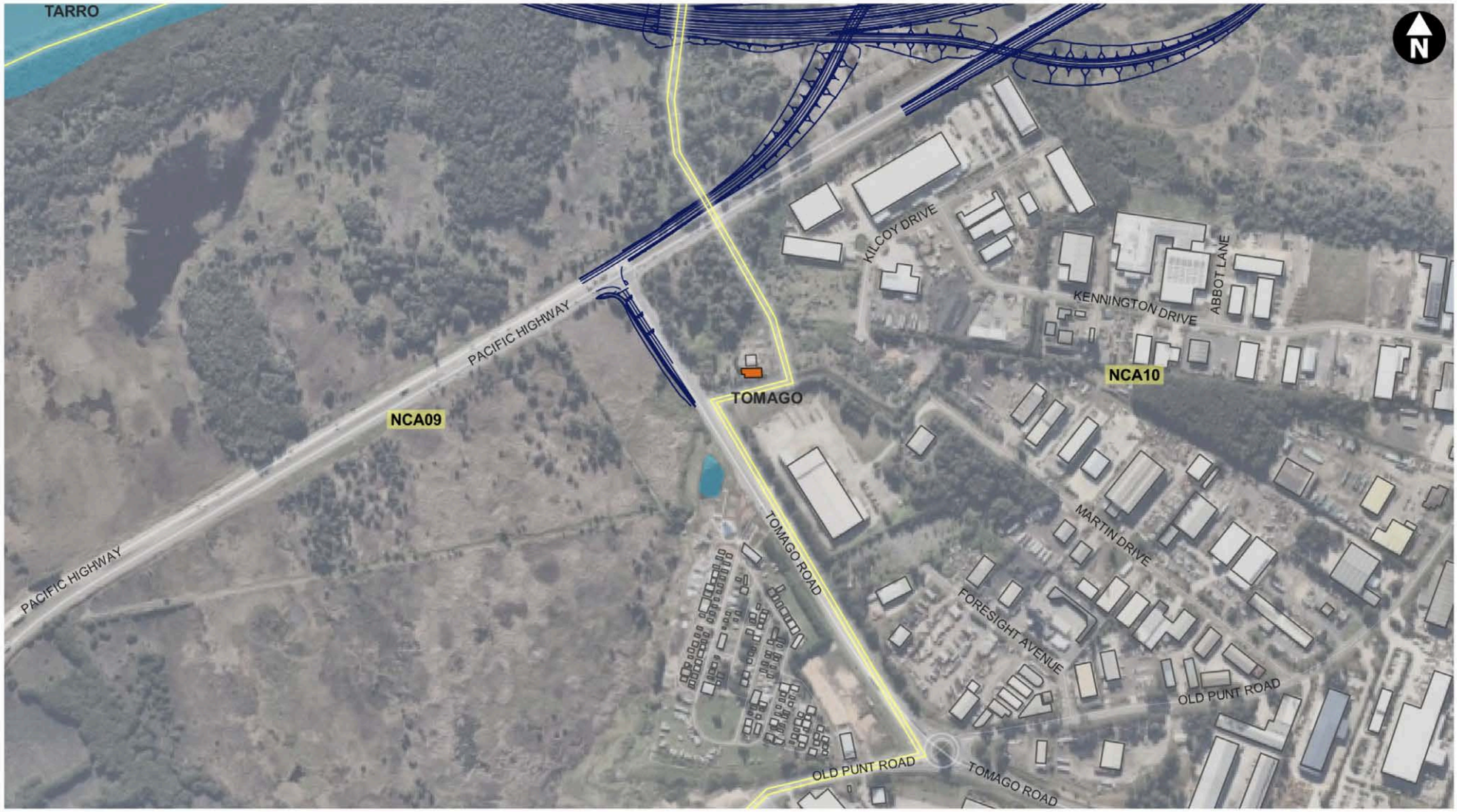
- < 50
- 50 - 55
- 55 - 60
- 60 - 65
- >65

- NCA
- Design alignment
- Existing barrier
- Building

150 0 150 300 m

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Figure TL081-01.6.2.1.1 Q35 (r3) Predicted maximum building traffic noise levels - 2038 w/project night, no mitigation



Building noise level - LAeq(9hr), dB(A)

- < 50
- 50 - 55
- 55 - 60
- 60 - 65
- >65

- NCA
- Design alignment
- Existing barrier
- Building

150 0 150 300 m

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Figure TL081-01.6.2.1.1 Q35 (r3) Predicted maximum building traffic noise levels - 2038 w/project night, no mitigation

Date: 03/12/2020 Project path: R:\AssocSyd\Projects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Outputs\GIS\TL081-01.6.1 M1 2RT GIS (r0).qgz

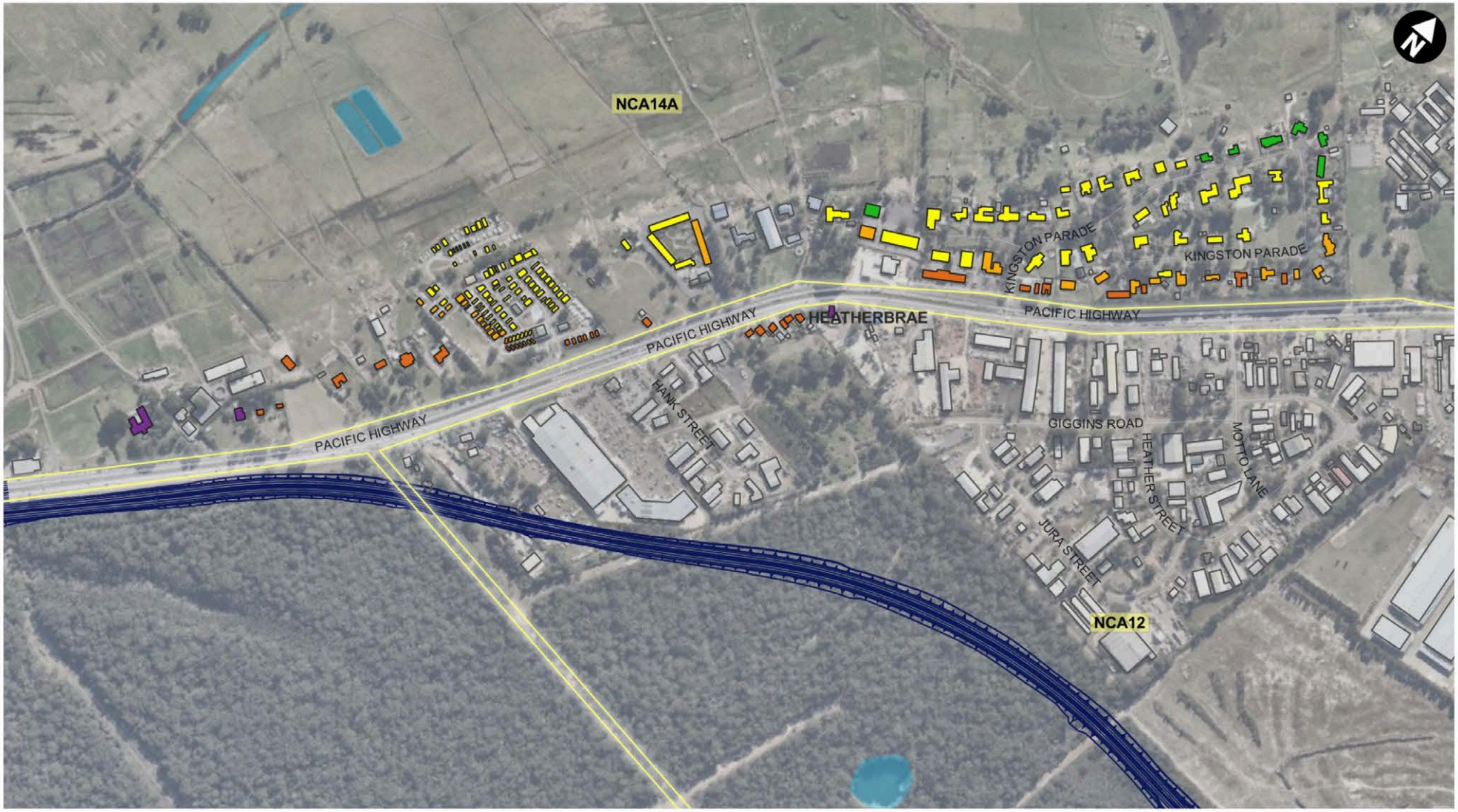


Figure TL081-01.6.2.1.1 Q35 (r3) Predicted maximum building traffic noise levels - 2038 w/project night, no mitigation



Building noise level - LAeq(9hr), dB(A)

- < 50
- 50 - 55
- 55 - 60
- 60 - 65
- >65

- NCA
- Design alignment
- Existing barrier
- Building

150 0 150 300 m

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Figure TL081-01.6.2.1.1 Q35 (r3) Predicted maximum building traffic noise levels - 2038 w/project night, no mitigation

D.14 Predicted change in traffic noise level – without mitigation (2038 With project minus 2038 Do minimum)

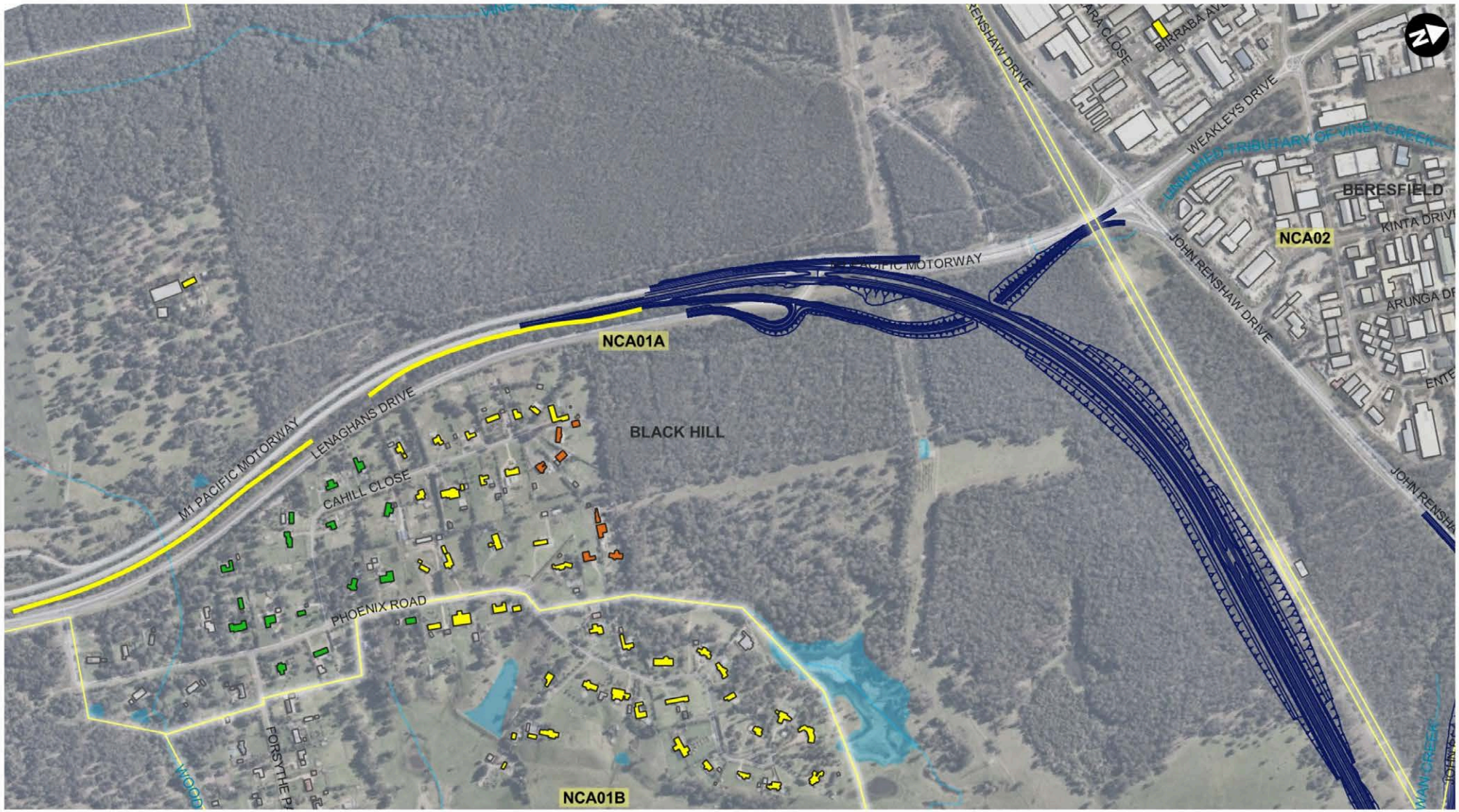


Figure TL081-01.6.2.1.1 Q38 (r4) Change in traffic noise levels between no-build and build scenarios - 2038 day

Date: 24/02/2021 Project path: R:\AssocSydProjects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\1 - GIS\TL081-01.6.1 M1 2RT GIS (r0).qgz



Change in noise level, dB(A)

- < 0dB
- 0 - 2dB
- >2dB

- NCA
- Design alignment
- Existing barrier
- Building

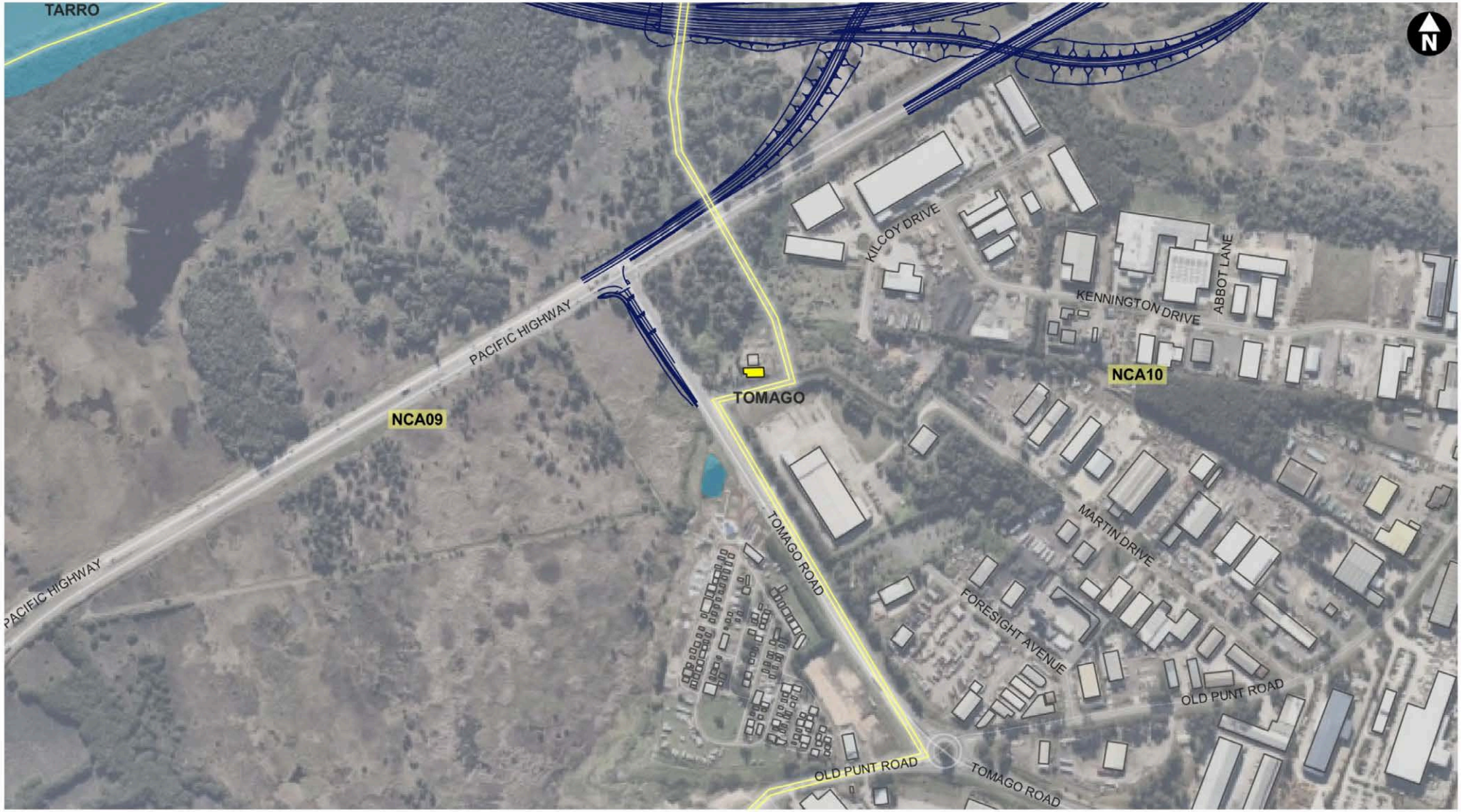
150 0 150 300 m





Figure TL081-01.6.2.1.1 Q38 (r4) Change in traffic noise levels between no-build and build scenarios - 2038 day

Date: 24/02/2021 Project path: R:\AssocSydProjects\ATL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\1 - GIS\TL081-01.6.1 M1 2RT GIS (r0).qgz



Change in noise level, dB(A)

- < 0dB
- 0 - 2dB
- >2dB

- NCA
- Design alignment
- Existing barrier
- Building

150 0 150 300 m

Page 3 of 5





Figure TL081-01.6.2.1.1 Q38 (r4) Change in traffic noise levels between no-build and build scenarios - 2038 day

Date: 24/02/2021 Project path: R:\AssocSydProjects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\1 . GIS\TL081-01.6.1 M1RT GIS (r0).qgz



Change in noise level, dB(A)

- < 0dB
- 0 - 2dB
- >2dB

- NCA
- Design alignment
- Existing barrier
- Building

150 0 150 300 m

Page 4 of 5





Figure TL081-01.6.2.1.1 Q38 (r4) Change in traffic noise levels between no-build and build scenarios - 2038 day



Change in noise level, dB(A)

- < 0dB
- 0 - 2dB
- >2dB

- NCA
- Design alignment
- Existing barrier
- Building

150 0 150 300 m

Page 5 of 5

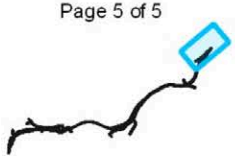




Figure TL081-01.6.2.1.1 Q38 (r4) Change in traffic noise levels between no-build and build scenarios - 2038 day

Date: 24/02/2021 Project path: R:\AssocSydProjects\ATL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\1 . GIS\TL081-01.6.1 M1RT GIS (r0).qgz

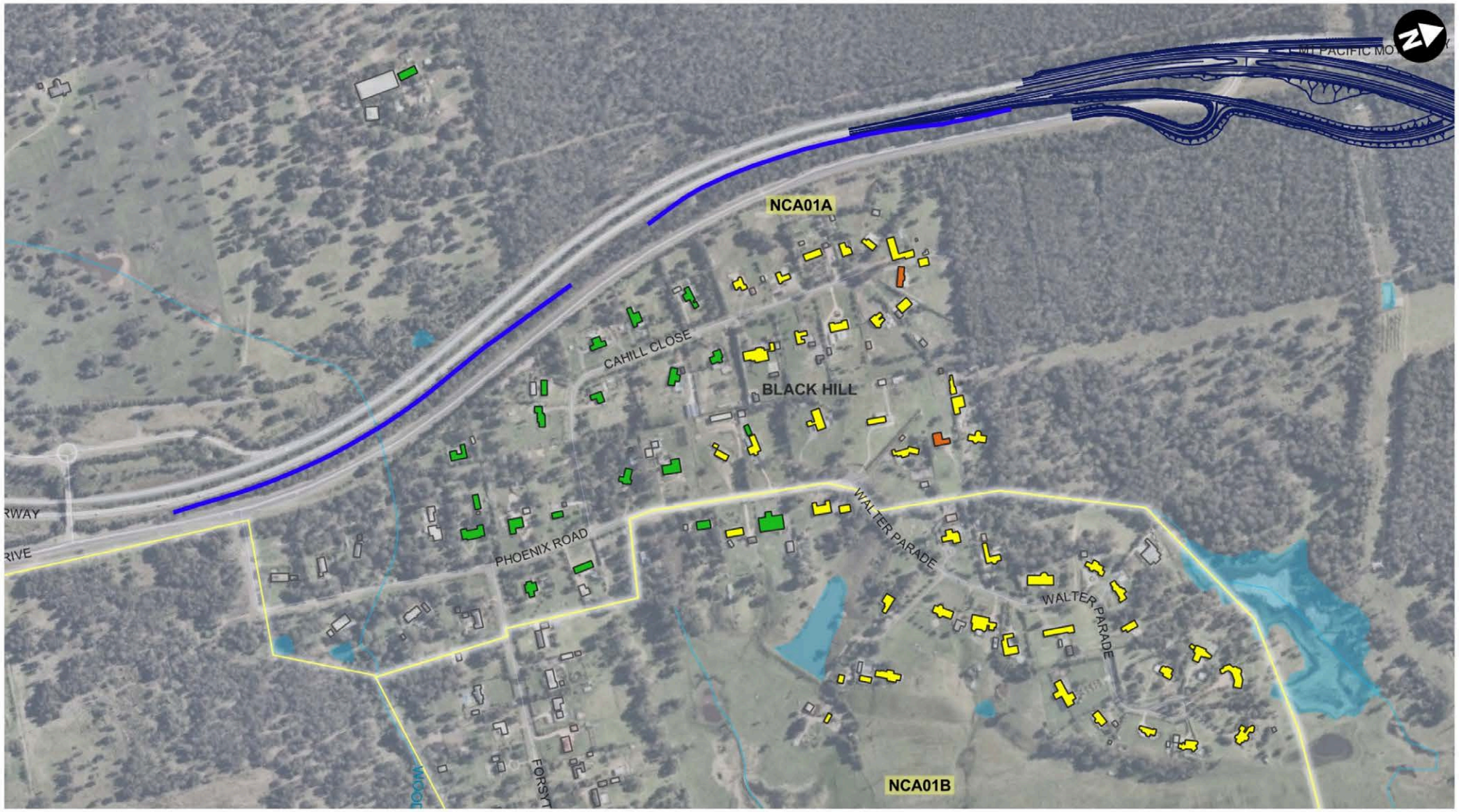


Figure TL081-01.6.2.1.1 Q39 (r3) Change in traffic noise levels between no-build and build scenarios - 2038 night



Change in noise level, dB(A)

- < 0dB
- 0 - 2dB
- >2dB

- NCA
- Design alignment
- Existing barrier
- Building

150 0 150 300 m

Page 2 of 5





Figure TL081-01.6.2.1.1 Q39 (r3) Change in traffic noise levels between no-build and build scenarios - 2038 night

Date: 03/12/2020 Project path: R:\AssocSydProjects\ATL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\1 - GIS\TL081-01.6.1 M1 2RT GIS (r0).qgz

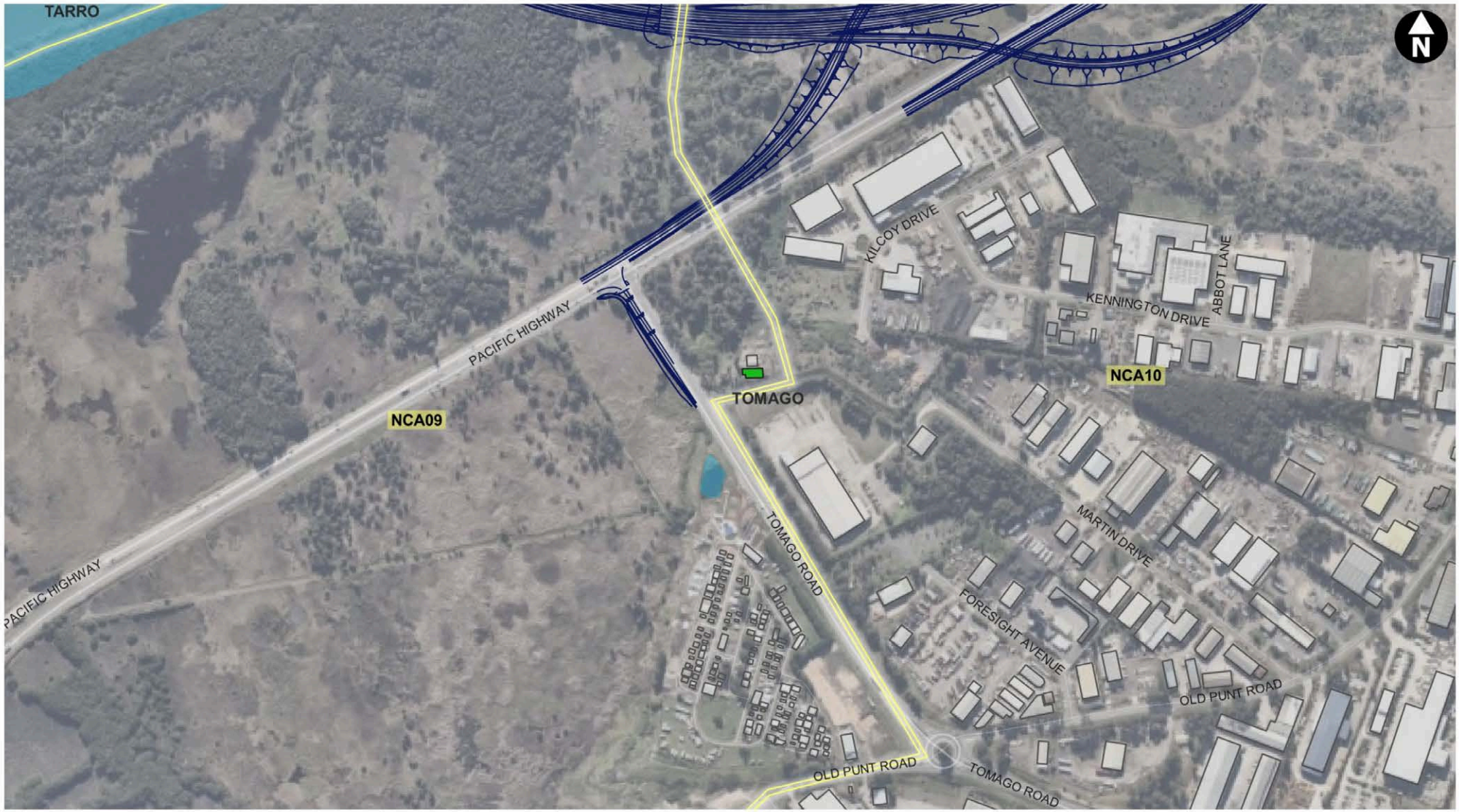


Figure TL081-01.6.2.1.1 Q39 (r3) Change in traffic noise levels between no-build and build scenarios - 2038 night

Date: 03/12/2020 Project path: R:\AssocSydProjects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\1 . GIS\TL081-01.6.1 M12RT GIS (r0).qgz



Change in noise level, dB(A)

- < 0dB
- 0 - 2dB
- >2dB

- NCA
- Design alignment
- Existing barrier
- Building

150 0 150 300 m

Page 4 of 5





Figure TL081-01.6.2.1.1 Q39 (r3) Change in traffic noise levels between no-build and build scenarios - 2038 night

Date: 03/12/2020 Project path: R:\AssocSydProjects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\1 - GIS\TL081-01.6.1 M1 2RT GIS (r0).qgz



Change in noise level, dB(A)

- < 0dB
- 0 - 2dB
- >2dB

- NCA
- Design alignment
- Existing barrier
- Building

150 0 150 300 m

Page 5 of 5

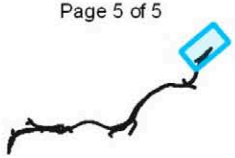




Figure TL081-01.6.2.1.1 Q39 (r3) Change in traffic noise levels between no-build and build scenarios - 2038 night

Date: 03/12/2020 Project path: R:\AssocSydProjects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\1 . GIS\TL081-01.6.1 M1RT GIS (r0).qgz

D.15 Noise Mitigation Guideline (NMG) barrier analysis

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Project Title - M12RT Barrier Assessment

Project:	M12RT
Barrier ID:	NB.01
Chainage/location:	Black Hill - Lenaghans Drive
NCA:	NCA01A, NCA01B
Road:	M1 Motorway

Barrier length (m):	265
Number of benefitting receivers	5

Barrier analysis details

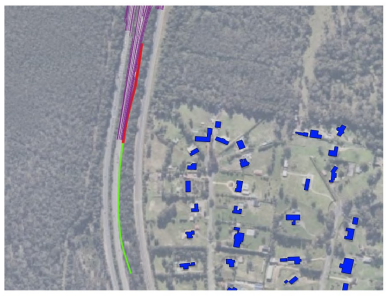
Maximum barrier	
Height (m)	8.0
Receivers requiring treatment	3
Insertion loss required, dB	10
Insertion loss achieved, dB	3

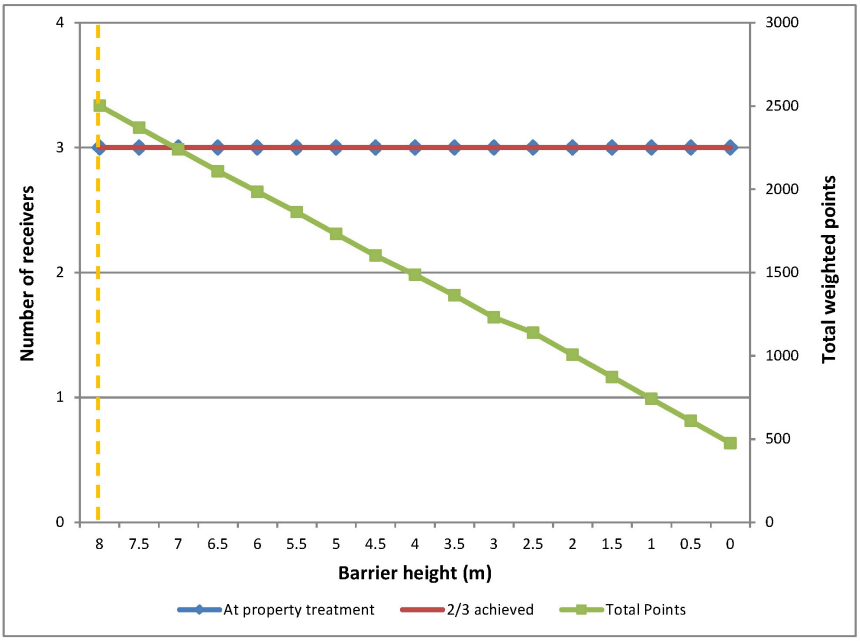
Initial design barrier	
Height (m)	0
Receivers requiring treatment	3

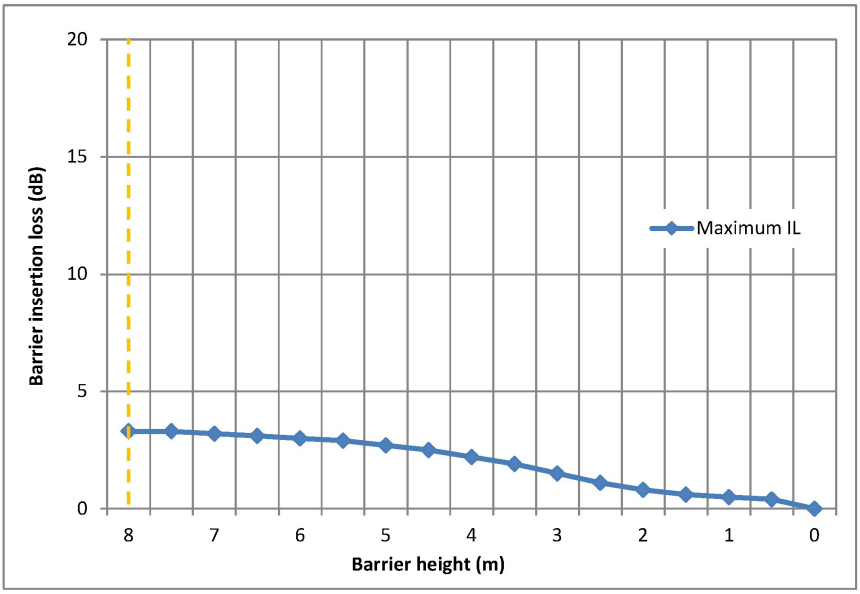
Design barrier	
Height (m)	0.0
Receivers requiring treatment	3
Insertion loss required, dB	5
Insertion loss achieved, dB	0

Alternative barrier	
Height (m)	N/A

Alternative barrier height based on non-acoustic feasible and reasonable considerations following the outcomes of the review of urban design, visual impact and engineering constraints







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Project Title - M12RT Barrier Assessment

Project:	M12RT
Barrier ID:	NB.02
Chainage/location:	Tarro - between Carr Place and Quarter Sessions Road
NCA:	NCA04A, NCA04B
Road:	New England Highway

Barrier length (m):	1104.6
Number of benefitting receivers	172

Barrier analysis details

Maximum barrier	
Height (m)	8.0
Receivers requiring treatment	4
Insertion loss required, dB	10
Insertion loss achieved, dB	20

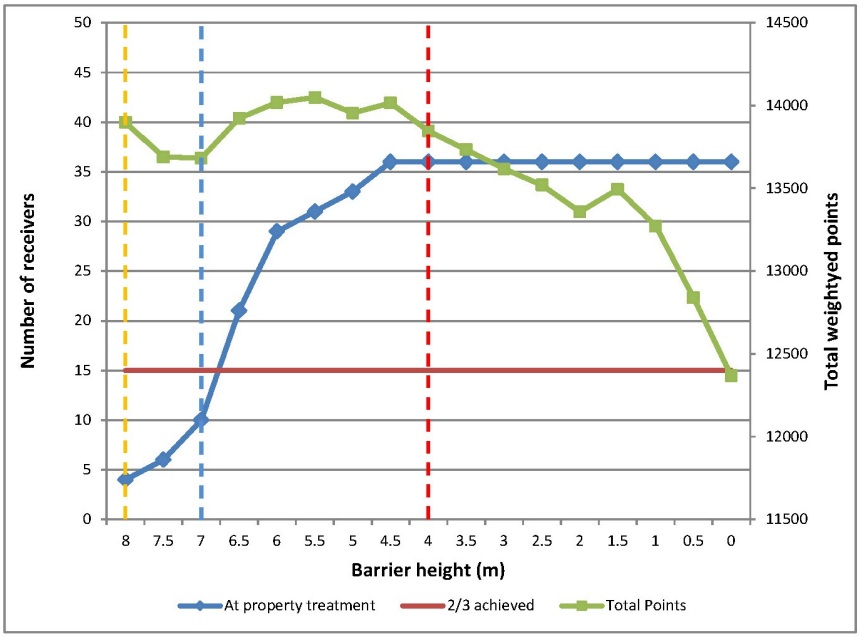
Initial design barrier	
Height (m)	7.0
Receivers requiring treatment	15

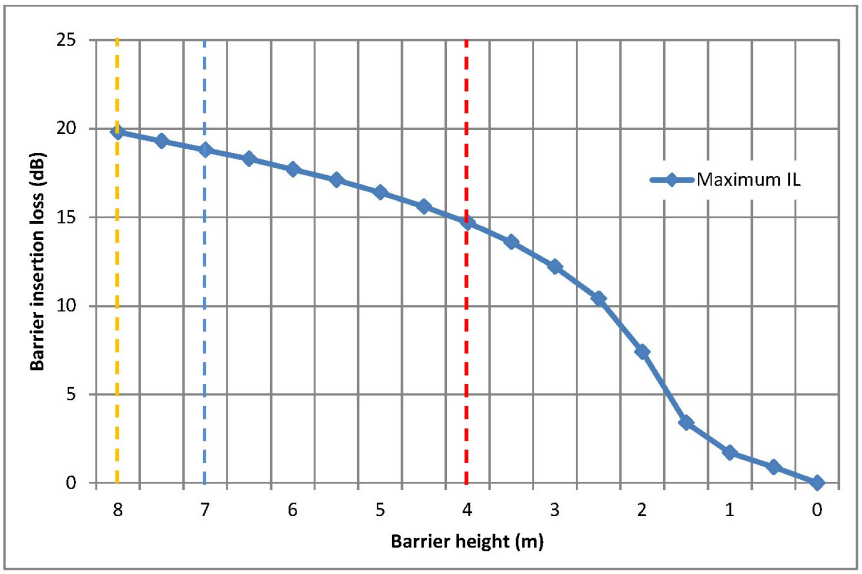
Design barrier	
Height (m)	7.0
Receivers requiring treatment	10
Insertion loss required, dB	10
Insertion loss achieved, dB	18.8

Alternative barrier	
Height (m)	3.8m (existing)

Alternative barrier height based on typical height of existing barriers and non-acoustic feasible and reasonable considerations following the outcomes of the review of urban design, visual impact and engineering constraints







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Project Title - M12RT Barrier Assessment

Project:	M12RT
Barrier ID:	NB.03
Chainage/location:	Tarro - between Quarter Sessions Road and Anderson Drive
NCA:	NCA04A, NCA04B, NCA05A
Road:	New England Highway

Barrier length (m):	741
Number of benefitting receivers	56

Barrier analysis details

Maximum barrier	
Height (m)	8.0
Receivers requiring treatment	19
Insertion loss required, dB	10
Insertion loss achieved, dB	12

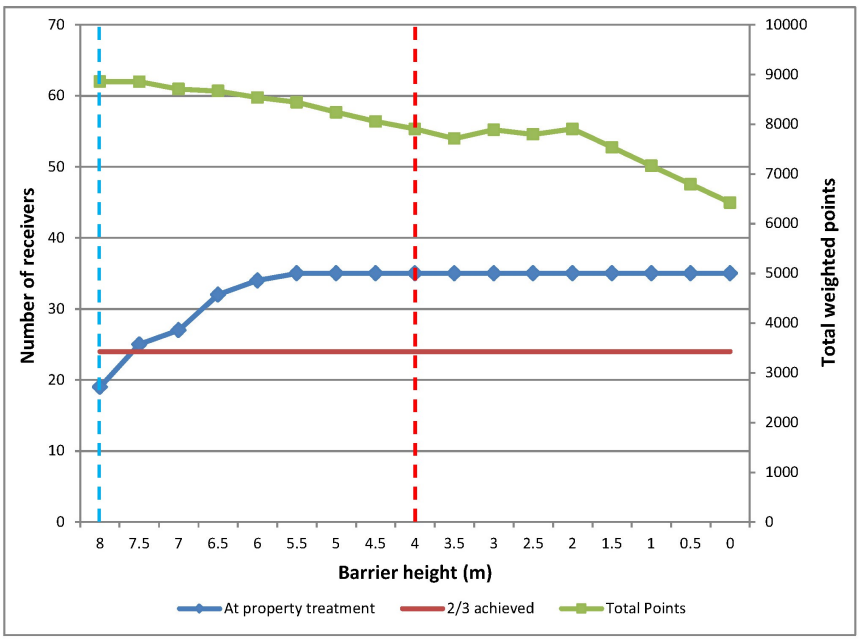
Initial design barrier	
Height (m)	8
Receivers requiring treatment	24

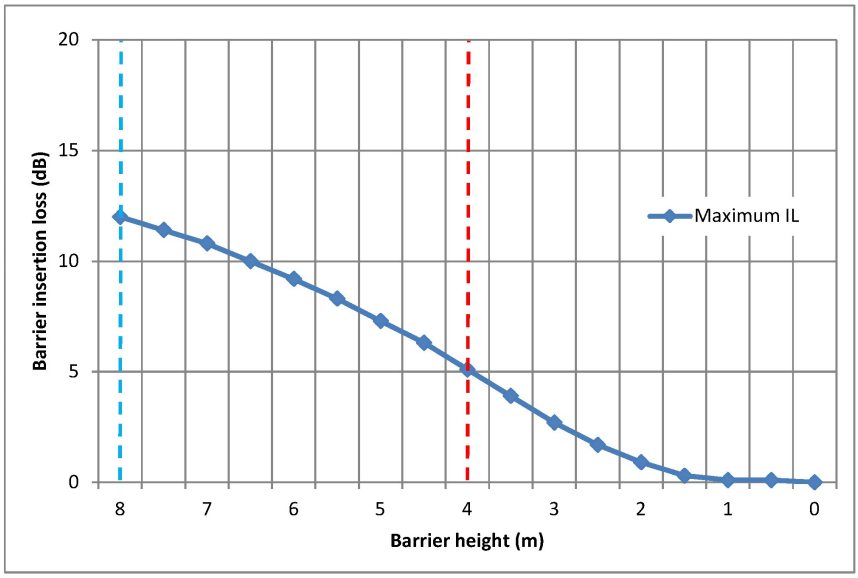
Design barrier	
Height (m)	8.0
Receivers requiring treatment	19
Insertion loss required, dB	10
Insertion loss achieved, dB	12

Alternative barrier	
Height (m)	4.0

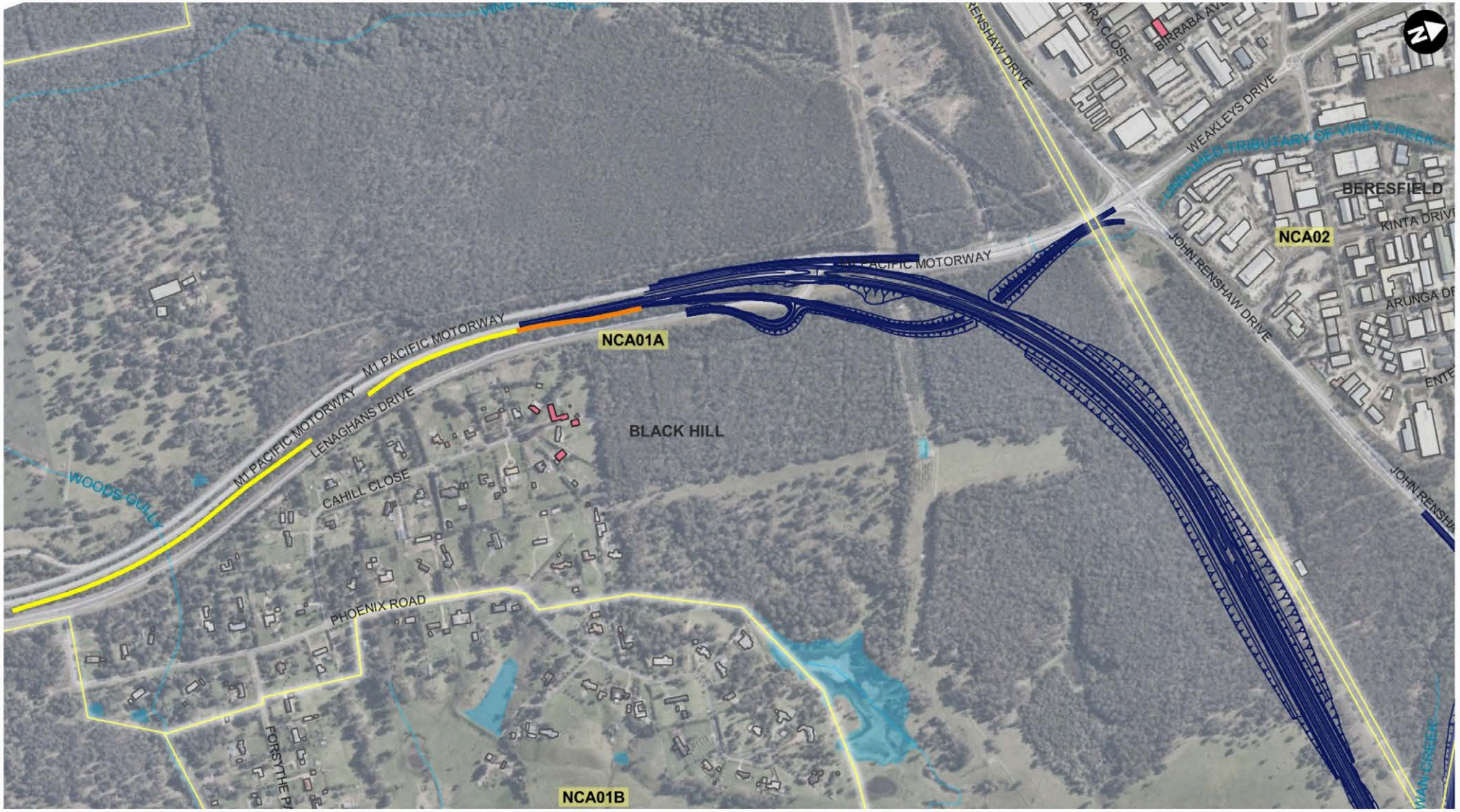
Alternative barrier height based on non-acoustic feasible and reasonable considerations following the outcomes of the review of urban design, visual impact and engineering constraints







D.16 Receiver buildings identified for at property treatment – with design barrier heights



Potentially eligible for treatment

- Receiver building
- NCA
- Design alignment
- Building
- Existing barrier
- Existing barrier to be relocated

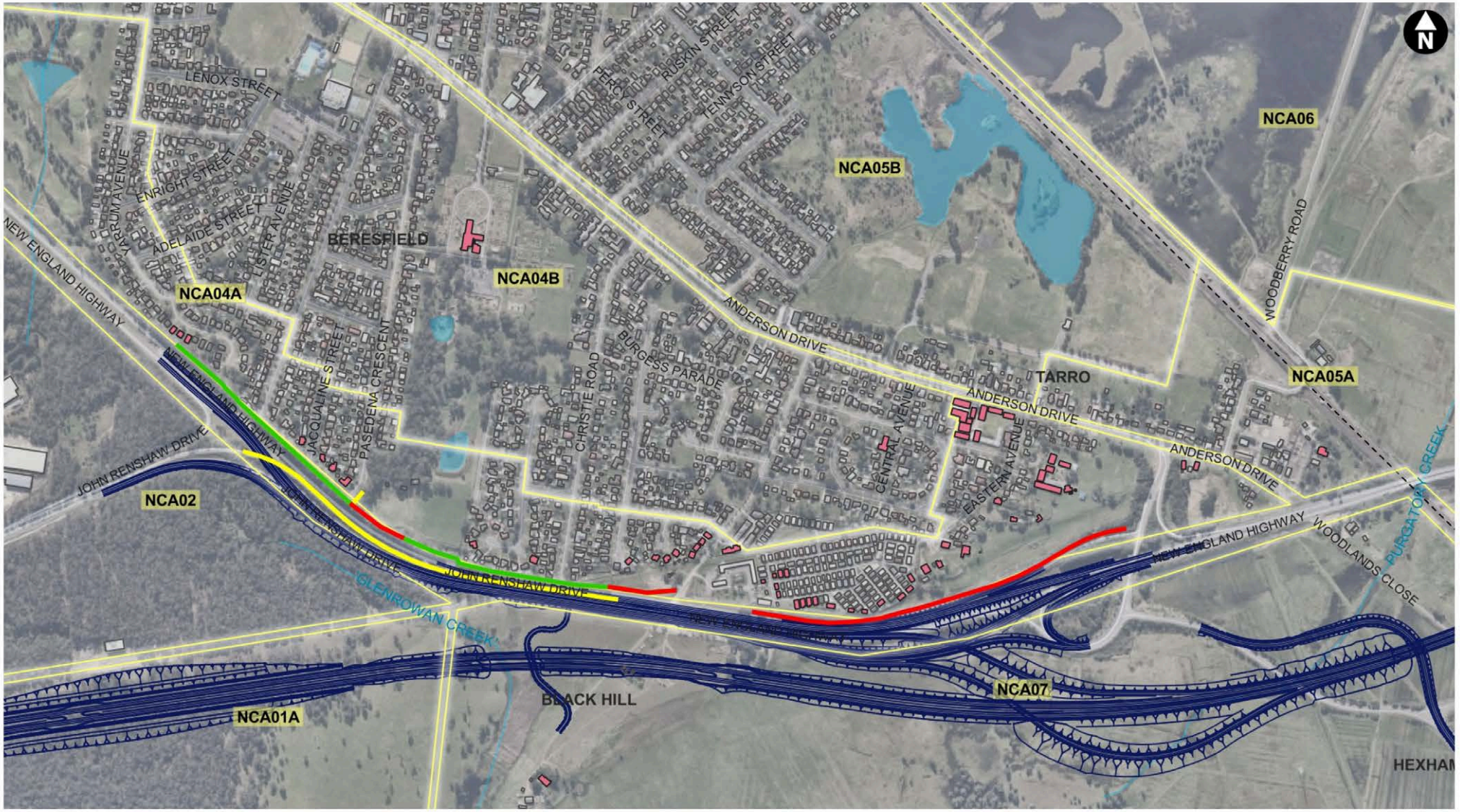
150 0 150 300 m





Figure TL081-01.6.2.1.1 Q47 (r6) Receiver buildings potentially eligible for consideration of treatment Mitigated with low noise pavement and design barrier heights

Date: 03/06/2021 Project path: R:\Aecom\SydProjects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\ GIS\TL081-01.6.1 M1 2RT GIS (r0).qgz



Potentially eligible for treatment

Receiver building

NCA

Design alignment

Building

Existing barrier

Existing barrier to be retained / repaired as needed

New barrier

150 0 150 300 m





Figure TL081-01.6.2.1.1 Q47 (r6) Receiver buildings potentially eligible for consideration of treatment
Mitigated with low noise pavement and design barrier heights

Date: 03/06/2021 Project path: R:\Aecom\SydProjects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\ GOIS\TL081-01.6.1 M1 2RT GOIS (r0).qgz

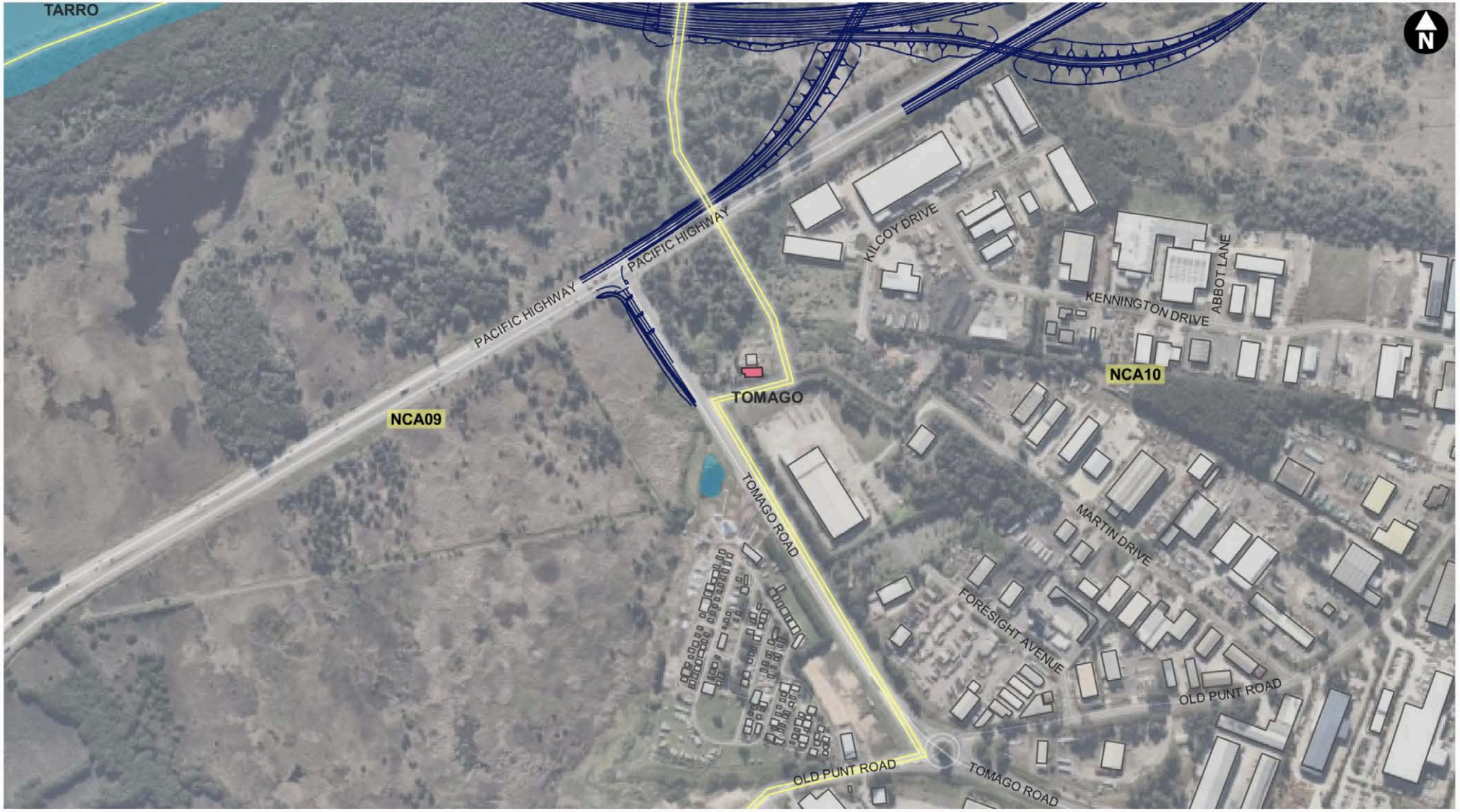


Figure TL081-01.6.2.1.1 Q47 (r6) Receiver buildings potentially eligible for consideration of treatment
Mitigated with low noise pavement and design barrier heights

Date: 09/06/2021 Project path: R:\AssocSydProjects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Outputs\GIS\TL081-01.6.1 M1 PRT GIS (r0).aprx



Potentially eligible for treatment

Receiver building

NCA

Design alignment

Building

Existing barrier

150 0 150 300 m

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Figure TL081-01.6.2.1.1 Q47 (r6) Receiver buildings potentially eligible for consideration of treatment
Mitigated with low noise pavement and design barrier heights

Date: 03/06/2021 Project path: R:\Aecom\Syd\Projects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Out\1 GIS\GIS\TL081-01.6.1 M1 2RT GOS (r0).qgz



Potentially eligible for treatment

Receiver building

NCA

Design alignment

Building

Existing barrier

150 0 150 300 m

Page 5 of 5

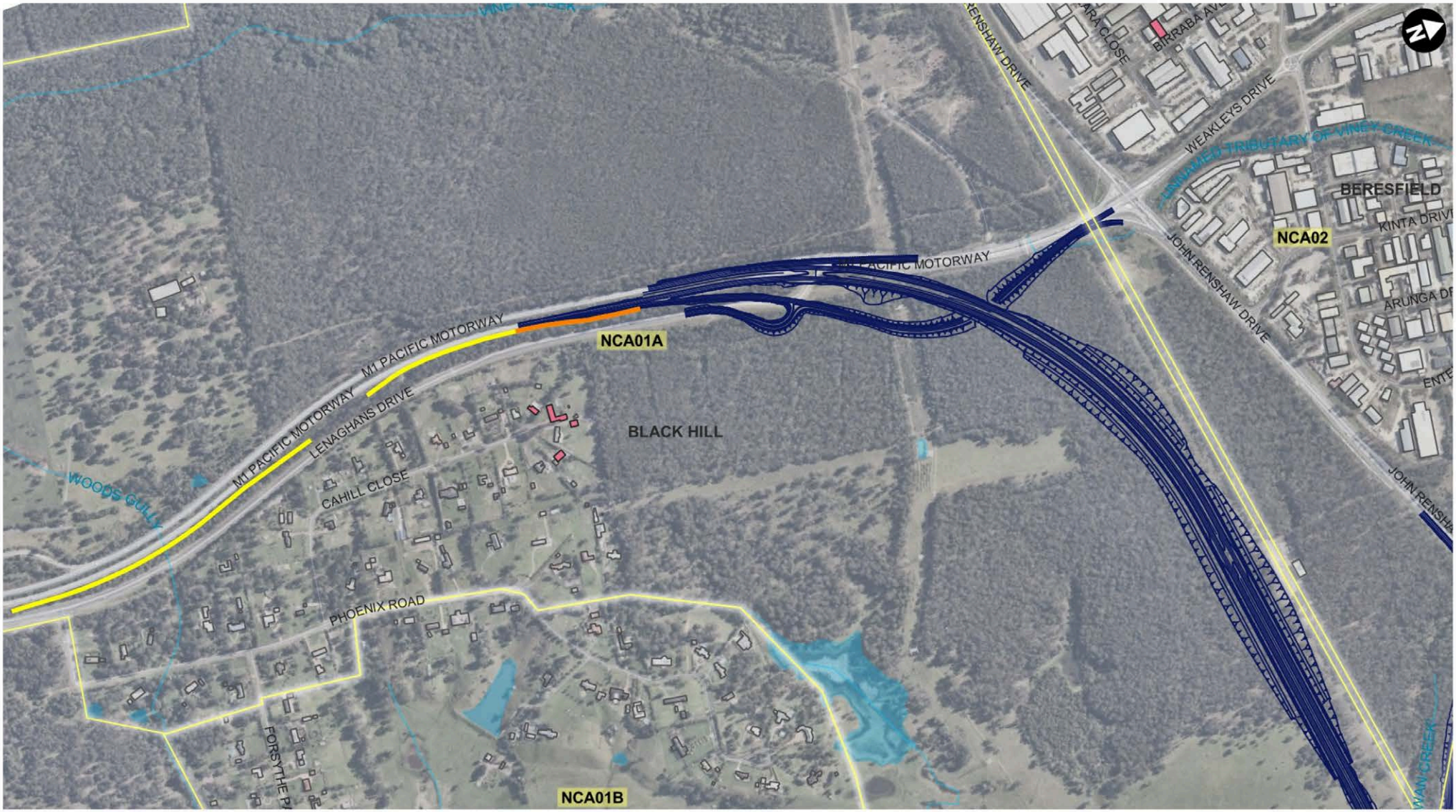




Figure TL081-01.6.2.1.1 Q47 (r6) Receiver buildings potentially eligible for consideration of treatment Mitigated with low noise pavement and design barrier heights

Date: 09/06/2021 Project path: R:\AssocSydProjects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Outputs\GIS\TL081-01.6.1 M1 2RT GIS (r0).qgz

D.17 Receiver buildings identified for at property treatment – with alternative barrier heights



Potentially eligible for treatment

Receiver building

NCA

Design alignment

Building

Existing barrier

Existing barrier to be relocated

150 0 150 300 m

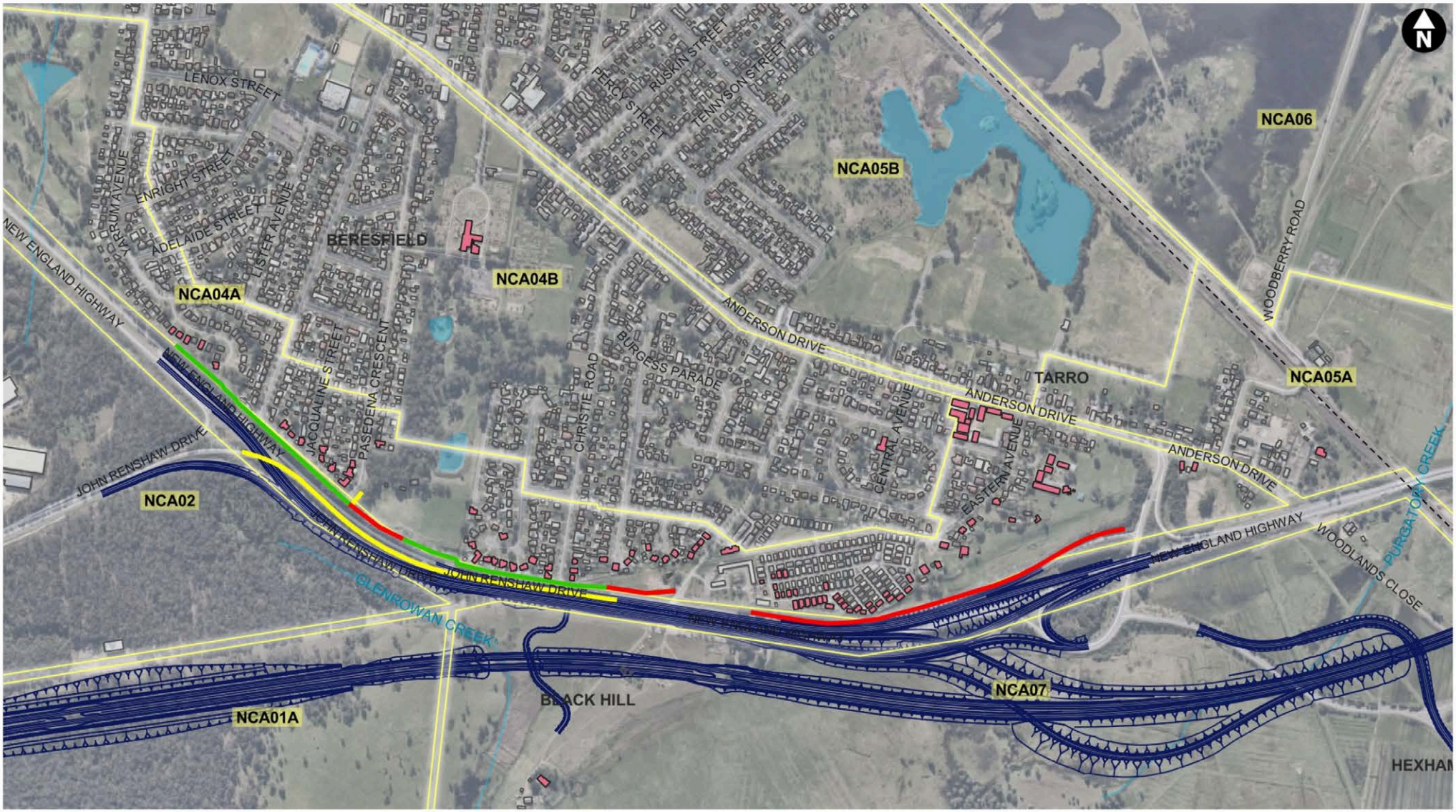
Page 1 of 5





Figure TL081-01.6.2.1.1 Q48 (r6) Receiver buildings potentially eligible for consideration of treatment
Mitigated with low noise pavement and alternative barrier heights

Date: 09/06/2021 Project path: R:\AssocSydProjects\TL051-TL100\TL081 inch M1 Motorway to Raymond Terrace\6 Figures & CAD Outputs\GIS\TL081-01.6.1 M12RT Q48S (r0).qgz



Potentially eligible for treatment

- Receiver building
- NCA
- Design alignment
- Building
- Existing barrier
- Existing barrier to be retained / repaired as needed
- New barrier

150 0 150 300 m

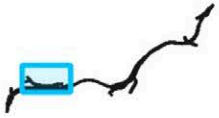




Figure TL081-01.6.2.1.1 Q48 (r6) Receiver buildings potentially eligible for consideration of treatment
Mitigated with low noise pavement and alternative barrier heights

Date: 09/06/2021 Project path: R:\AssocSyd\Projects\TL051-TL100\TL081 inch M1 Motorway to Raymond Terrace\6 Figures & CAD Outputs\GIS\TL081-01.6.1 M12RT Q48S (r0).qgz

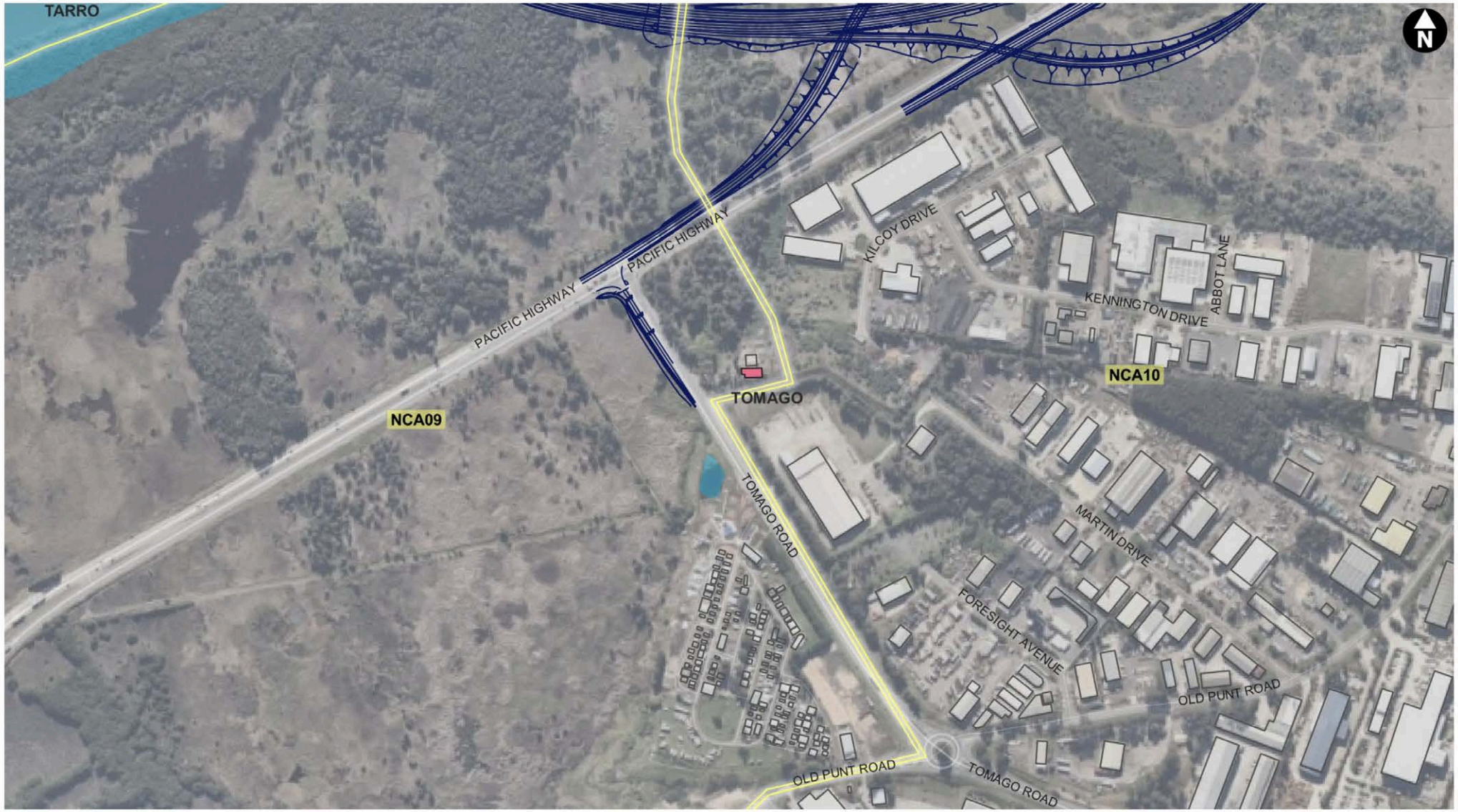


Figure TL081-01.6.2.1.1 Q48 (r6) Receiver buildings potentially eligible for consideration of treatment
Mitigated with low noise pavement and alternative barrier heights

Date: 09/06/2021 Project path: R:\AssocSydProjects\TL051-TL100\TL081 inch M1 Motorway to Raymond Terrace\6 Figures & CAD Outd...\GIS\TL081-01.6.1 M1 2RT GIS (r0).qgz



Potentially eligible for treatment

Receiver building

NCA

Design alignment

Building

Existing barrier

150 0 150 300 m





Figure TL081-01.6.2.1.1 Q48 (r6) Receiver buildings potentially eligible for consideration of treatment
Mitigated with low noise pavement and alternative barrier heights

Date: 09/06/2021 Project path: R:\AssocSydProjects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Outputs\GIS\TL081-01.6.1 M12RT Q48S (r0).qgz



Potentially eligible for treatment

- Receiver building
- NCA
- Design alignment
- Building
- Existing barrier

150 0 150 300 m

Page 5 of 5





Figure TL081-01.6.2.1.1 Q48 (r6) Receiver buildings potentially eligible for consideration of treatment Mitigated with low noise pavement and alternative barrier heights

Date: 09/06/2021 Project path: R:\AssocSydProjects\TL051-TL100\TL081 mch M1 Motorway to Raymond Terrace\6 Figures & CAD Outputs\GIS\TL081-01.6.1 M12RT GIS (r0).qgz

D.18 Maximum noise level results

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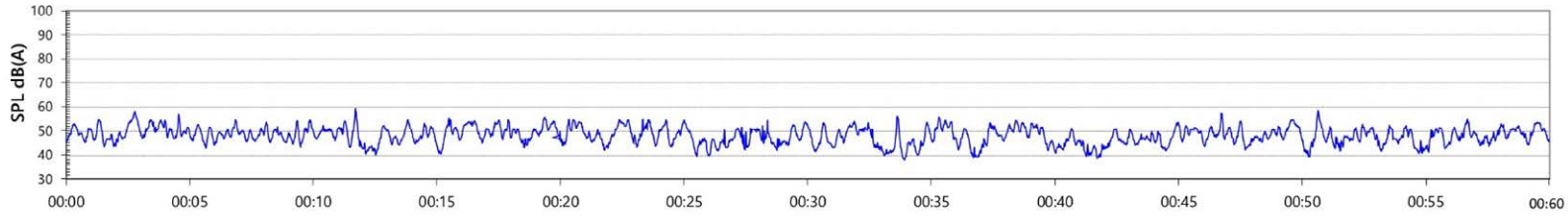
dBMAX Maximum Noise Level Analysis

Project Number: **TL081-01**
Address: 11 Cahill Close, Black Hill

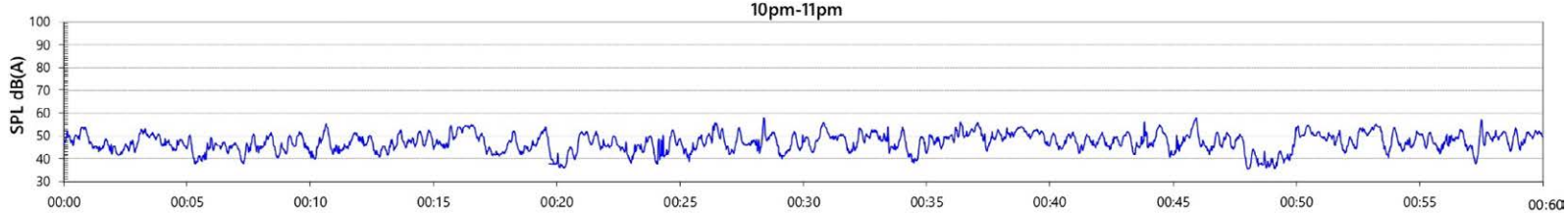
Start Date: Tuesday, 15 March 2016

LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A)

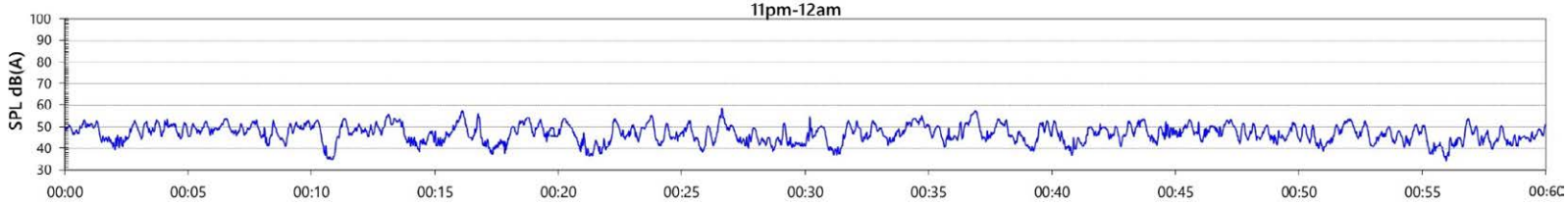
Summary Table	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	49.0	48.4	48.0	45.7	47.3	49.1	50.4	51.8	55.3	51.7
LA90	42.8	41.6	40.8	38.3	38.8	42.8	45.7	48.9	51.5	-
Lav max	-	-	-	-	-	-	-	-	70.7	70.7
No Events	0	0	0	0	0	0	0	0	1	1



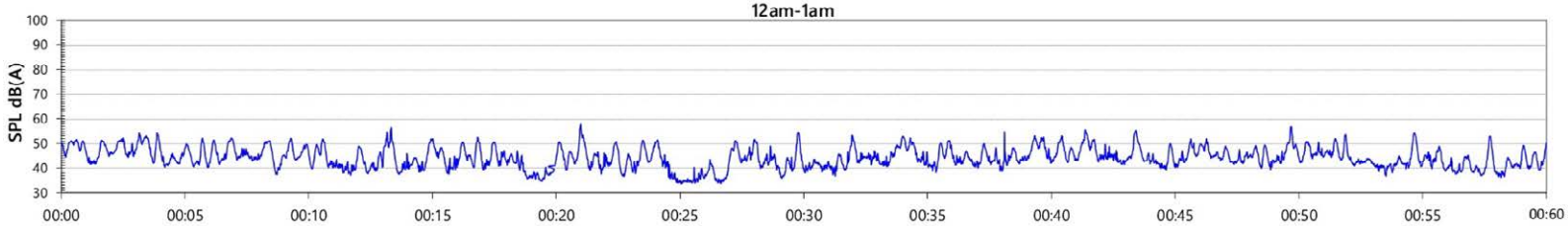
10pm-11pm



11pm-12am



12am-1am

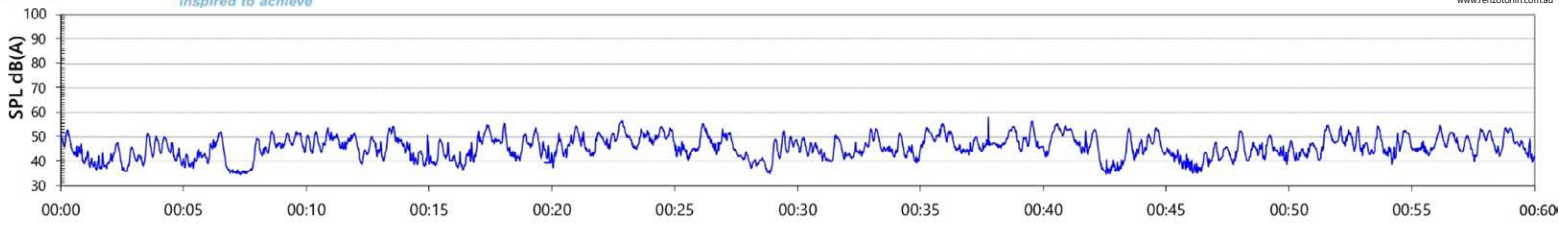


1am-2am

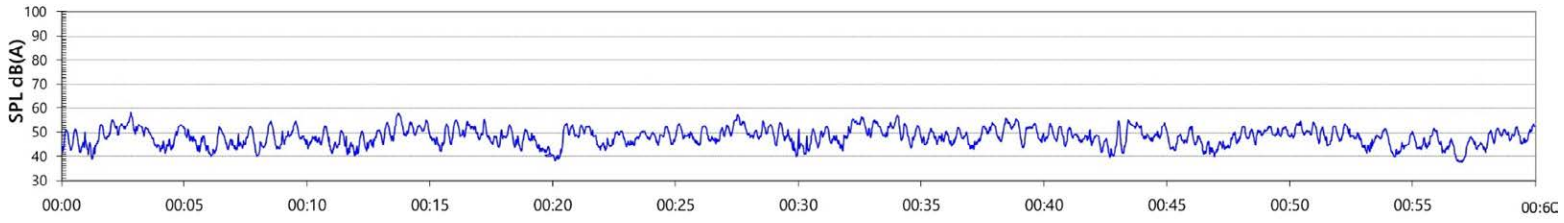
dBMAX Maximum Noise Level Analysis

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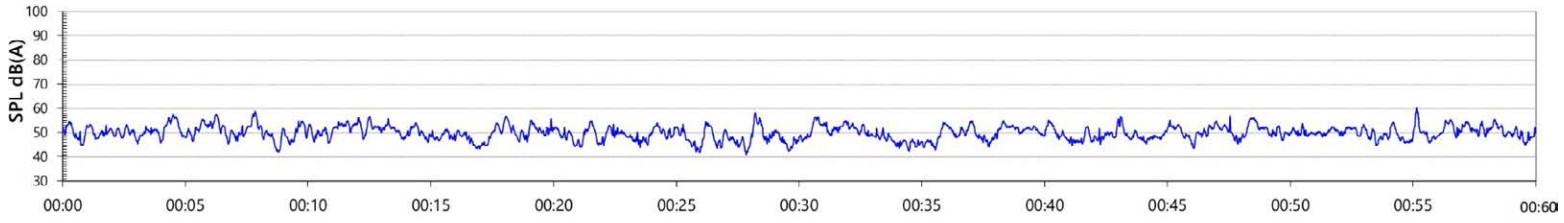
sydney@renzotonin.com.au
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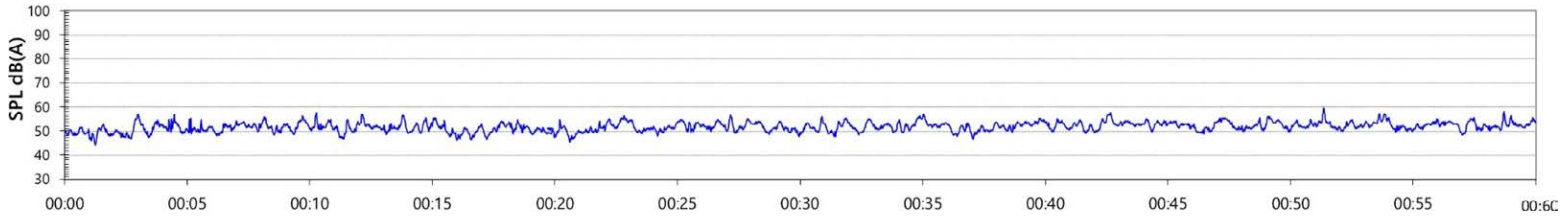
2am-3am



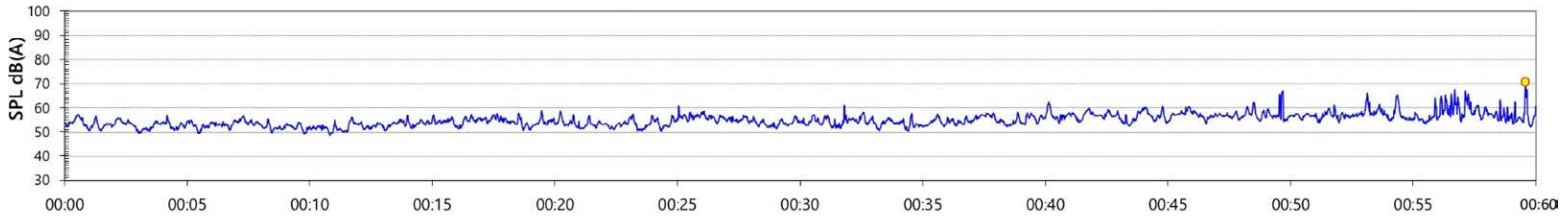
3am-4am



4am-5am



5am-6am



6am-7am

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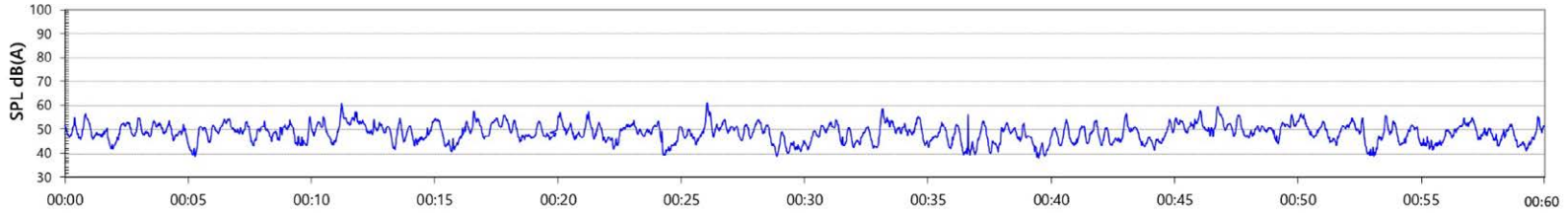
dBMAX Maximum Noise Level Analysis

Project Number: **TL081-01**
Address: 11 Cahill Close, Black Hill

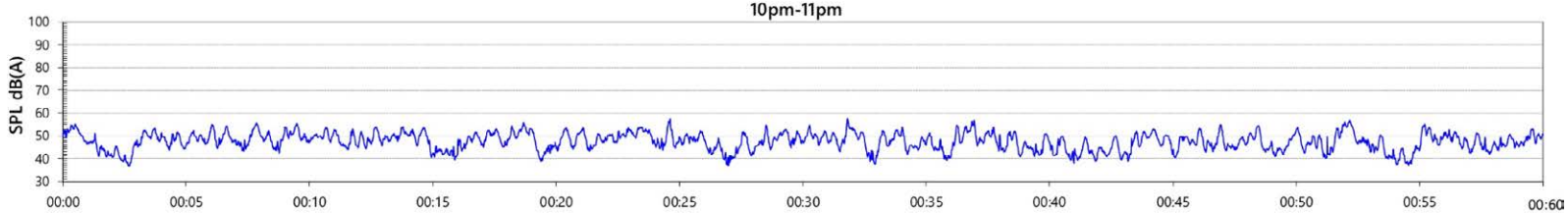
Start Date: Wednesday, 16 March 2016

LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB (A)

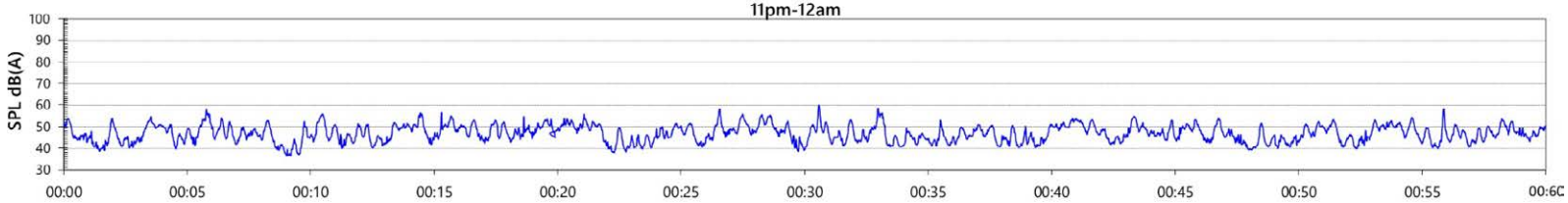
Summary Table										
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	49.6	48.6	48.1	48.0	46.7	49.0	50.2	51.9	54.1	51.1
LA90	43.1	41.7	41.0	42.1	40.2	42.1	45.8	48.3	50.3	-
Lav max	-	-	-	-	-	-	65.6	-	74.2	69.9
No Events	0	0	0	0	0	0	1	0	1	2



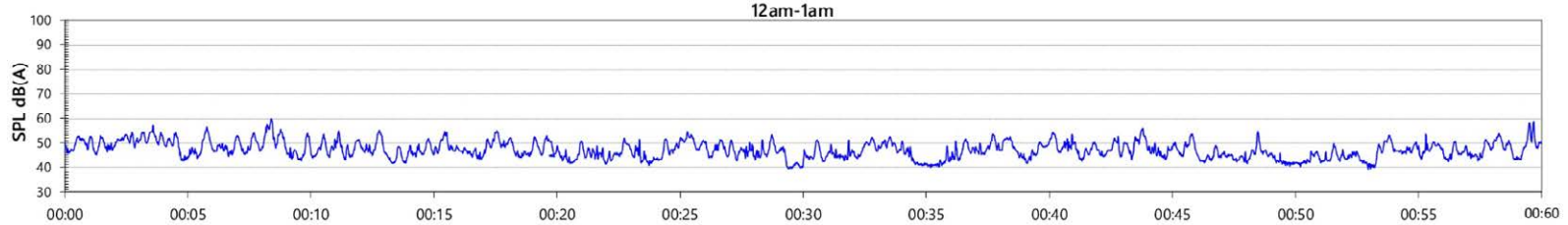
10pm-11pm



11pm-12am



12am-1am

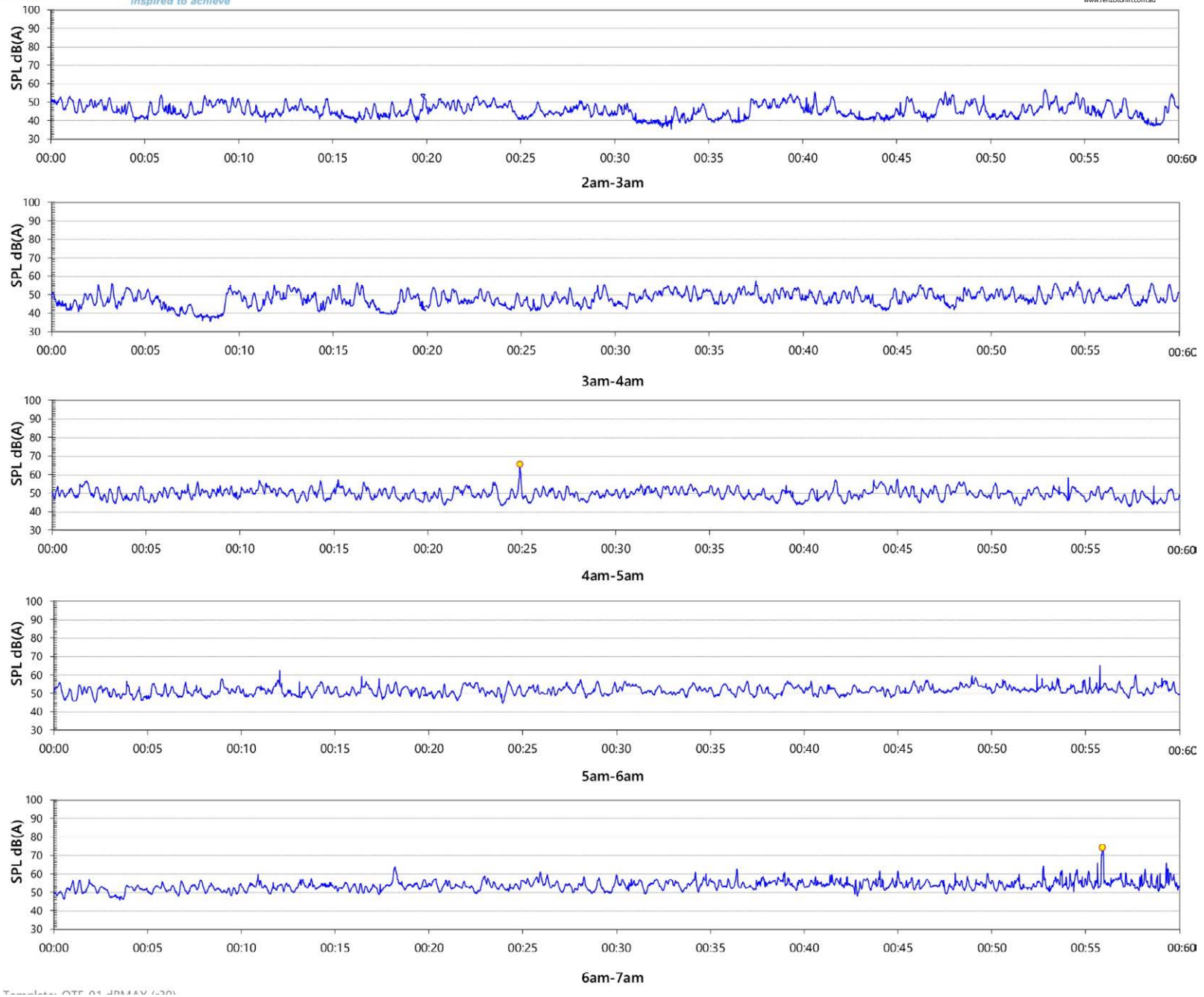


1am-2am

dBMAX Maximum Noise Level Analysis

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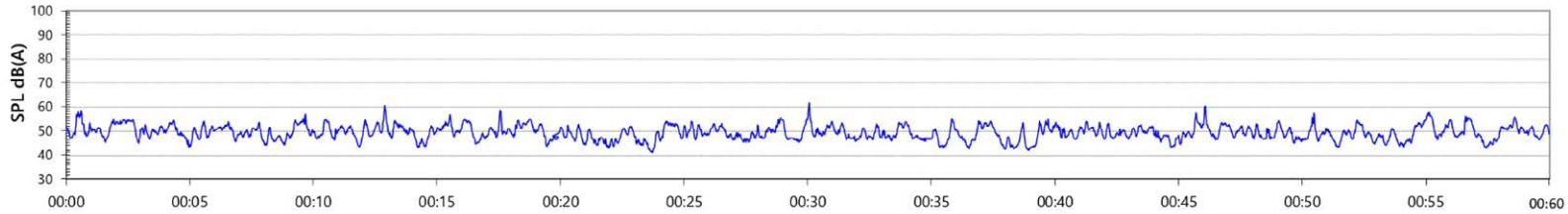
dBMAX Maximum Noise Level Analysis

Project Number: **TL081-01**
Address: 11 Cahill Close, Black Hill

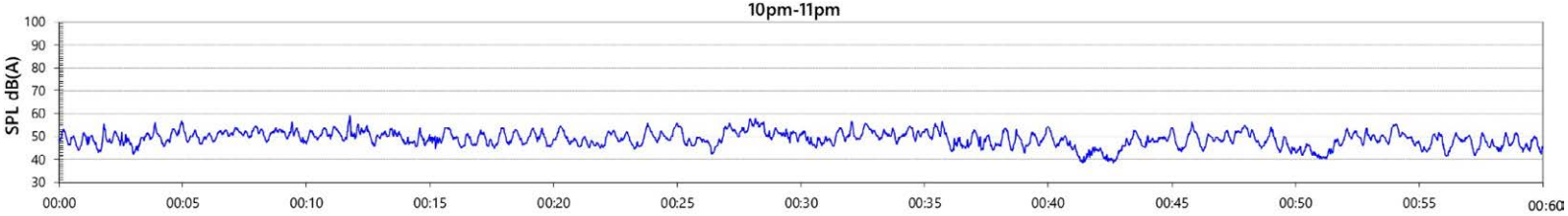
Start Date: Thursday, 17 March 2016

LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A)

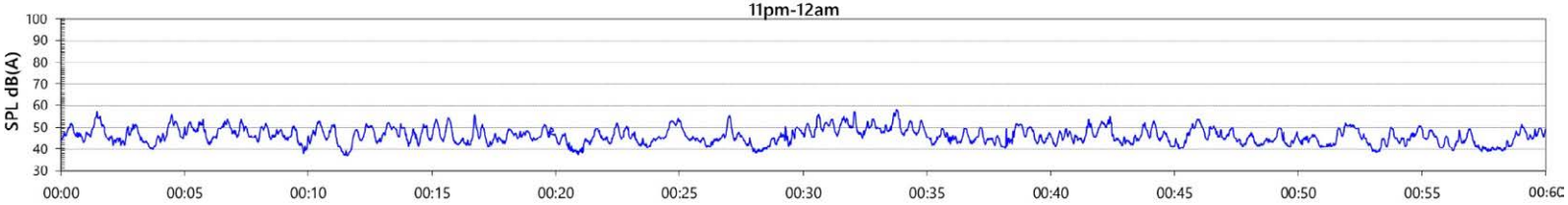
Summary Table										
	10pm	11pm	12am	1am	2am	3am	4am	5am	6am	10pm
	to	to	to	to	to	to	to	to	to	to
	11pm	12am	1am	2am	3am	4am	5am	6am	7am	7am
LAeq	49.9	49.7	47.2	47.4	47.2	49.4	51.7	52.5	56.6	52.7
LA90	45.2	44.2	41.1	41.6	41.8	44.7	47.8	49.6	52.3	-
Lav max	-	-	-	-	-	-	-	-	76.4	76.4
No Events	0	0	0	0	0	0	0	0	4	4



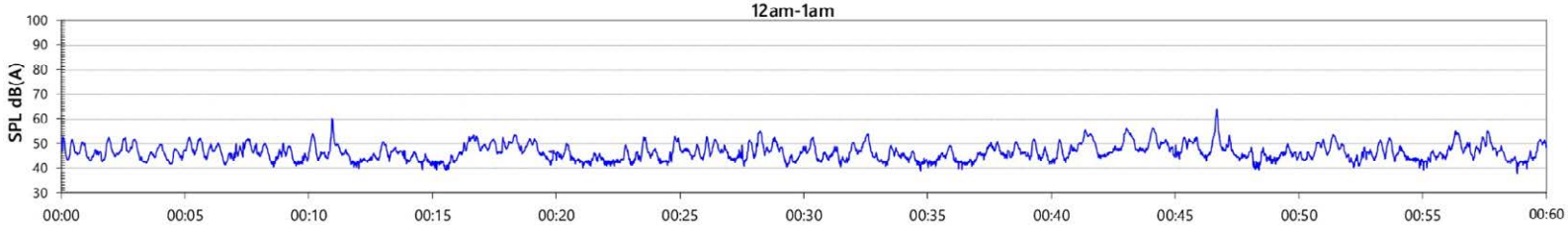
10pm-11pm



11pm-12am



12am-1am



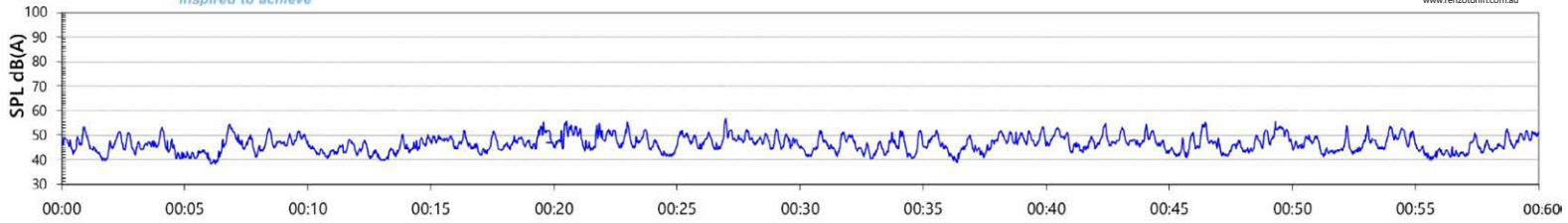
1am-2am

Template: QTE-01 dBMAX (r30)

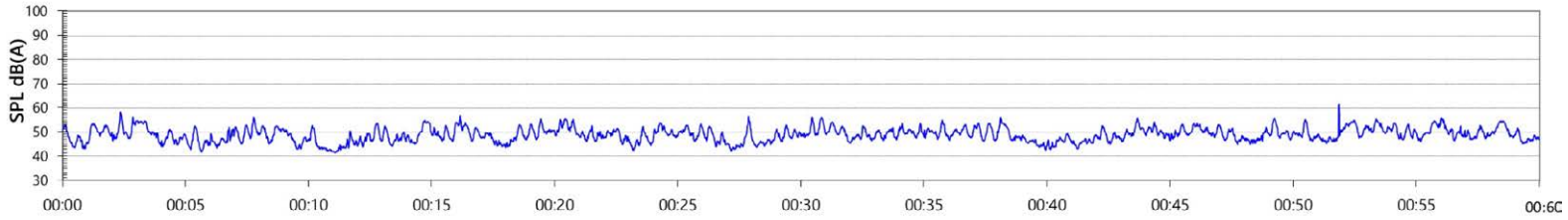
dBMAX Maximum Noise Level Analysis

Acoustics
Vibration
Structural Dynamics

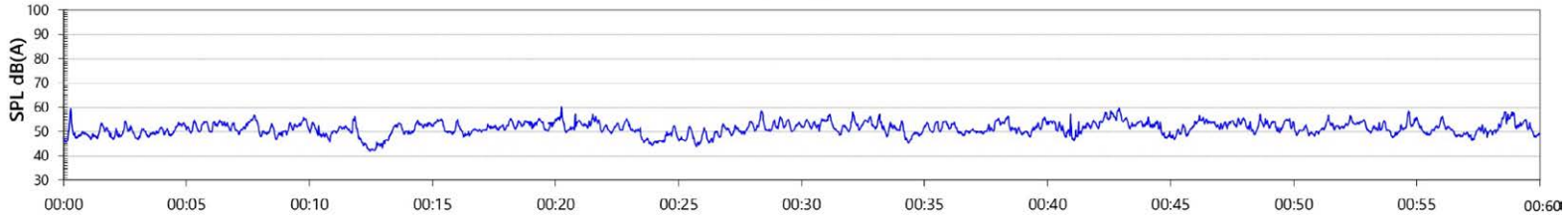
sydney@renzotonin.com.au
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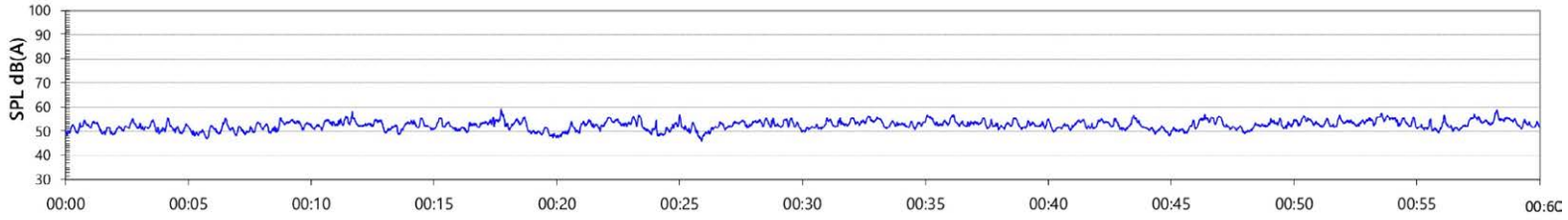
2am-3am



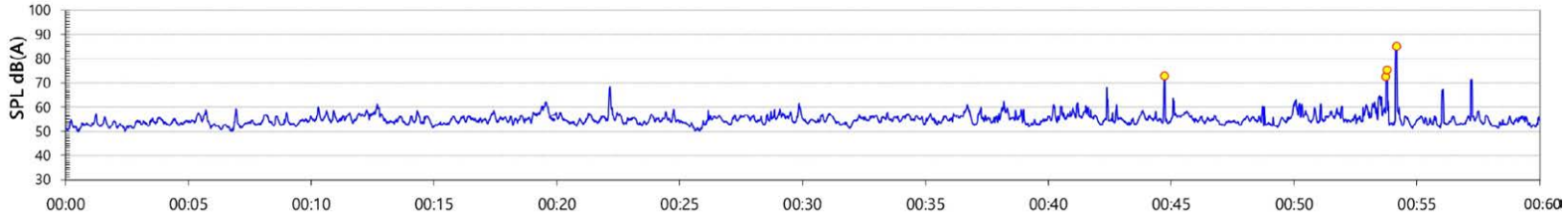
3am-4am



4am-5am



5am-6am



6am-7am

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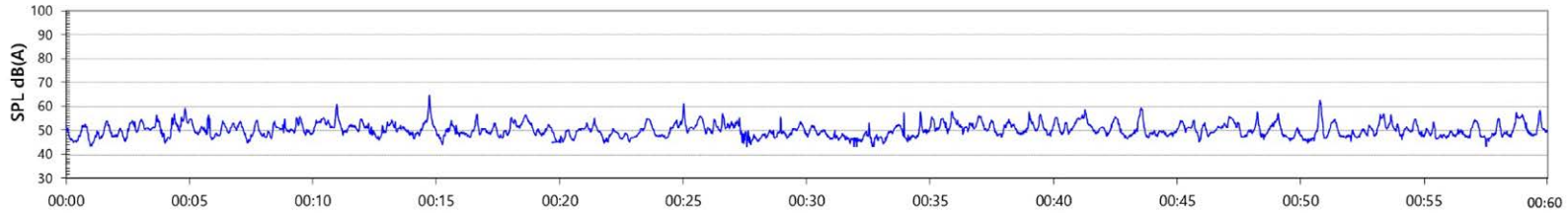
dBMAX Maximum Noise Level Analysis

Project Number: **TL081-01**
Address: 11 Cahill Close, Black Hill

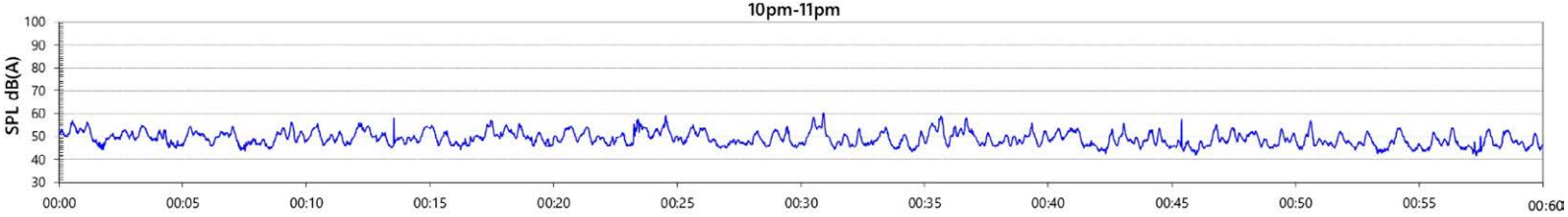
Start Date: Friday, 18 March 2016

LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A)

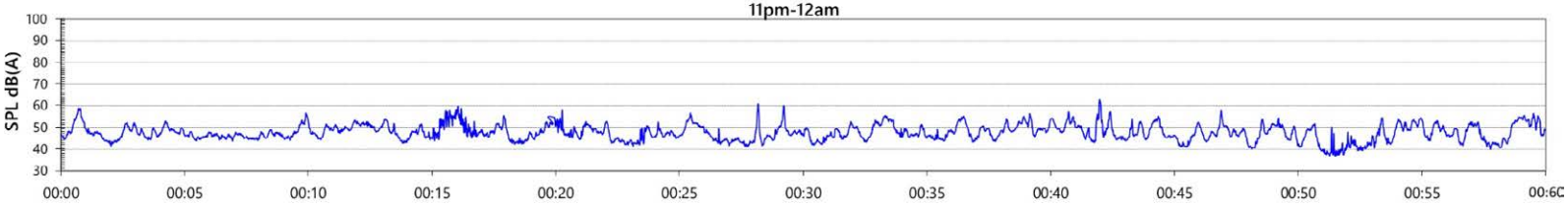
Summary Table	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	50.7	49.7	48.6	49.2	47.3	47.4	48.4	49.7	53.5	50.0
LA90	46.2	45.0	42.5	40.2	40.1	38.1	40.6	44.4	48.5	-
Lav max	-	-	-	71.2	-	-	-	-	72.7	72.0
No Events	0	0	0	1	0	0	0	0	3	4



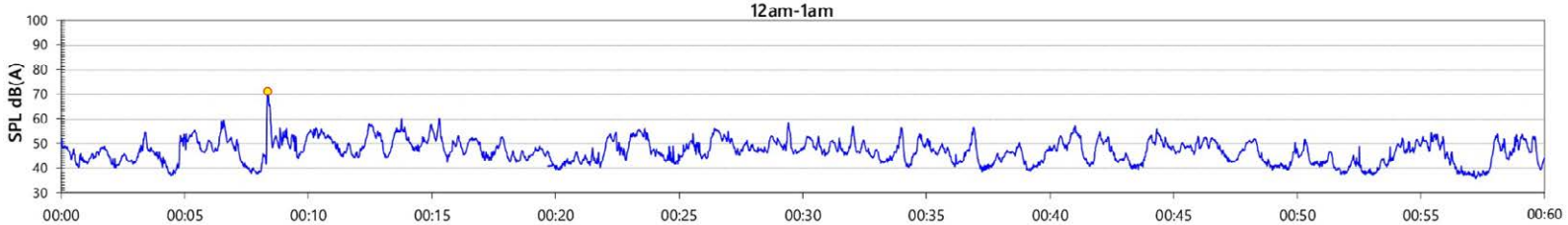
10pm-11pm



11pm-12am



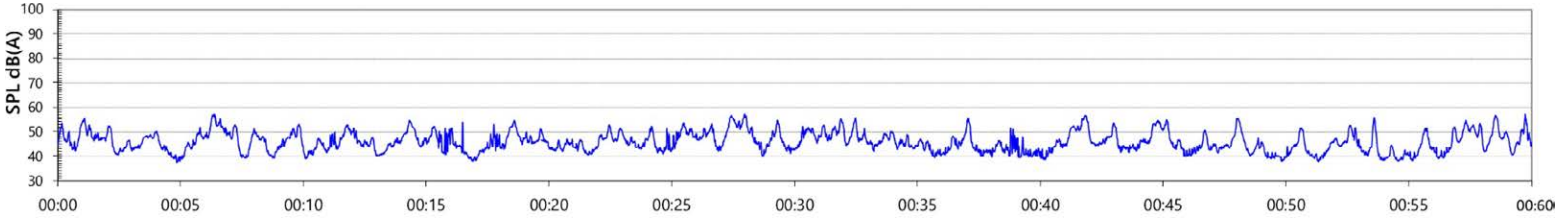
12am-1am



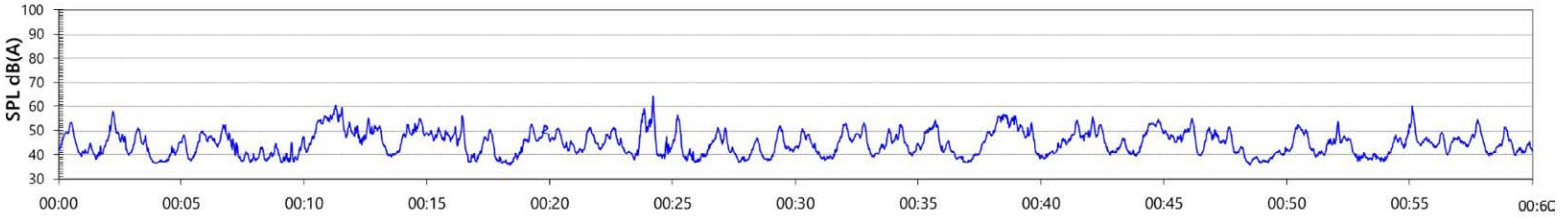
1am-2am

Acoustics
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Structural Dynamics

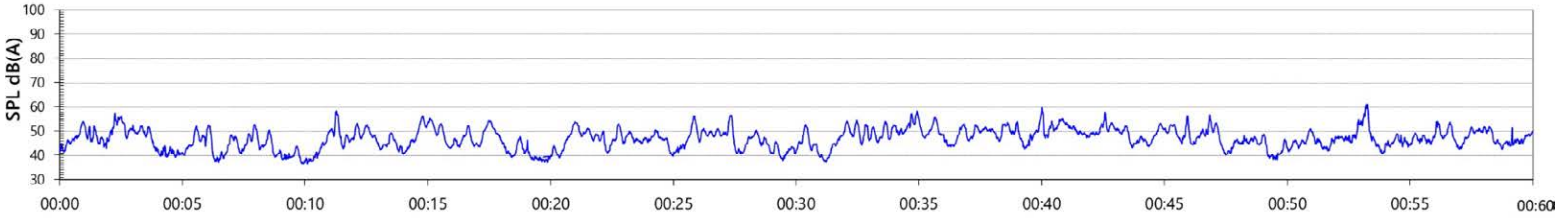
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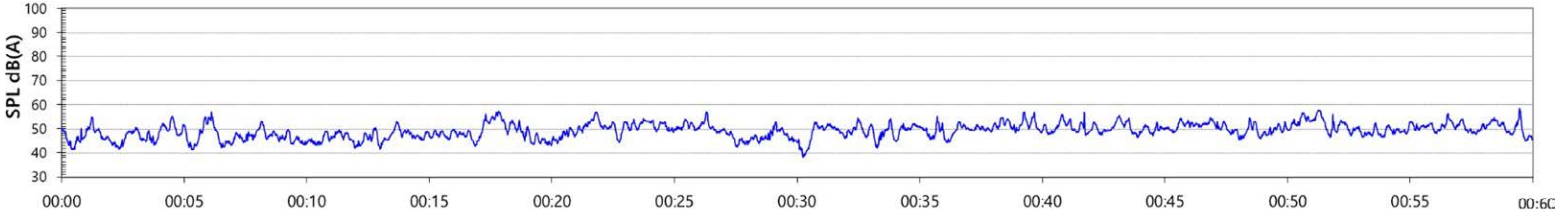
2am-3am



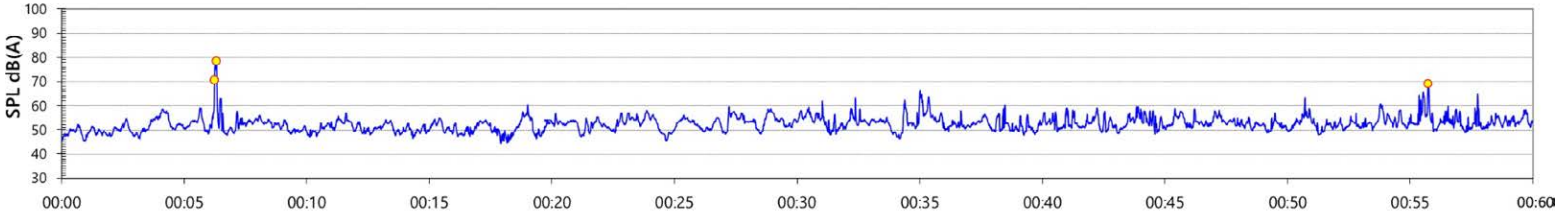
3am-4am



4am-5am



5am-6am



6am-7am

Template: QTE-01 dBMAX (r30)

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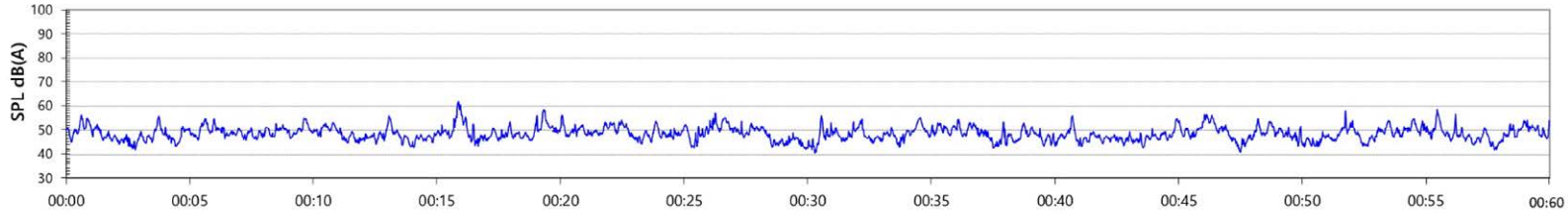
dBMAX Maximum Noise Level Analysis

Project Number: **TL081-01**
Address: 11 Cahill Close, Black Hill

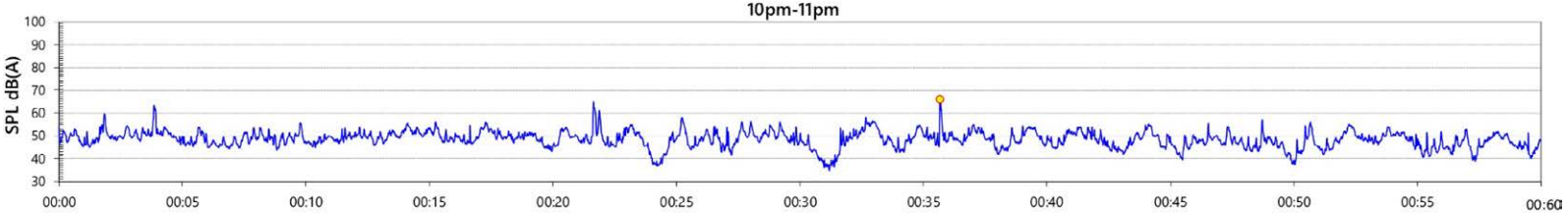
Start Date: Saturday, 19 March 2016

LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A))

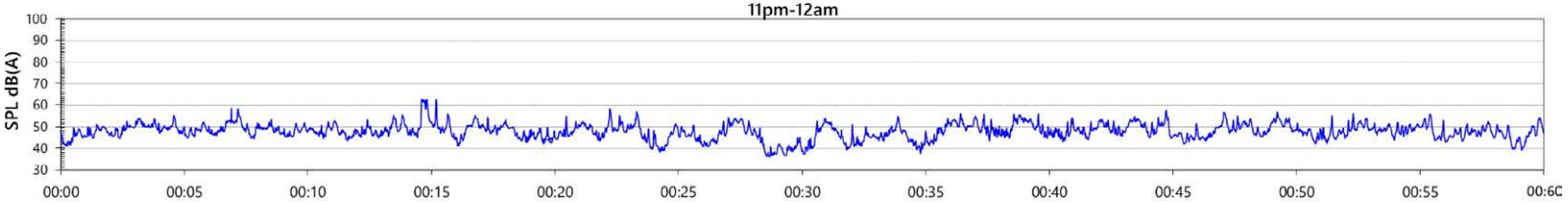
Summary Table	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	49.0	49.4	48.8	47.6	45.8	42.9	42.7	46.7	52.2	47.6
LA90	44.5	43.6	42.5	37.9	32.0	32.4	35.5	38.7	43.8	-
Lav max	-	66.2	-	-	-	-	-	-	70.7	68.5
No Events	0	1	0	0	0	0	0	0	4	5



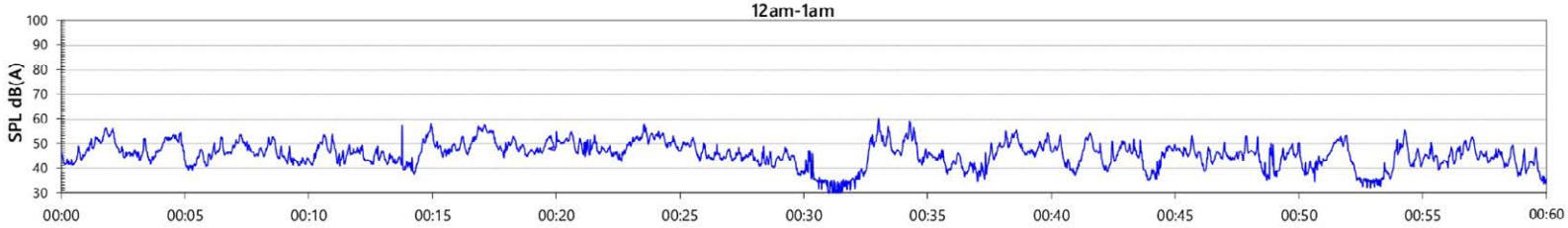
10pm-11pm



11pm-12am



12am-1am

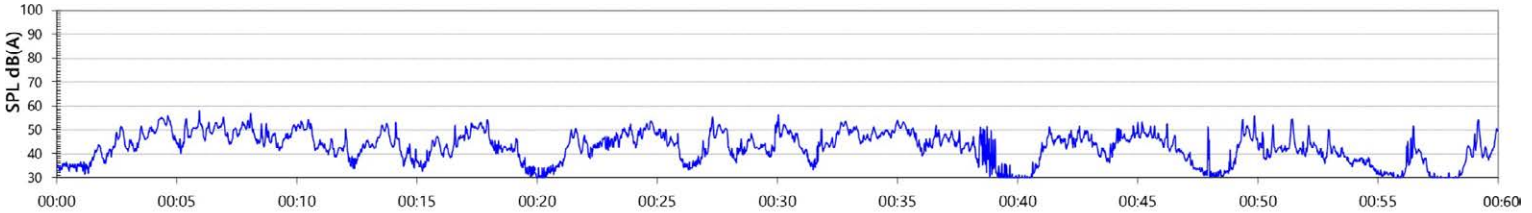


1am-2am

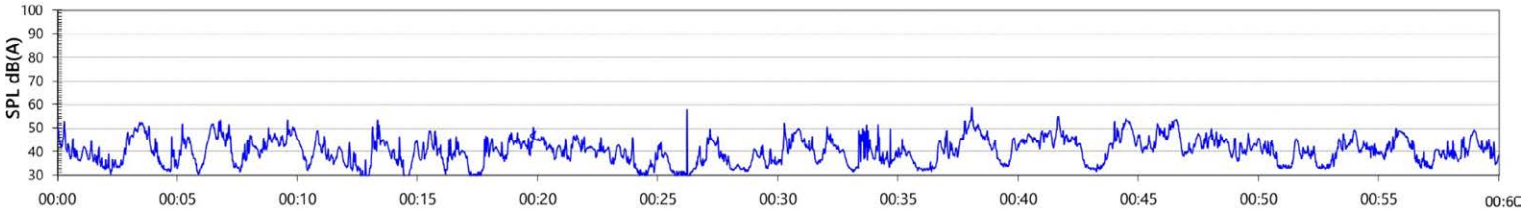
dBMAX Maximum Noise Level Analysis

Acoustics
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Structural Dynamics

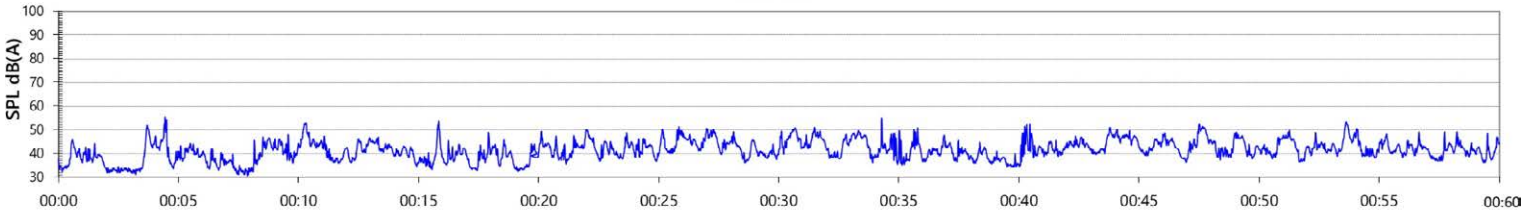
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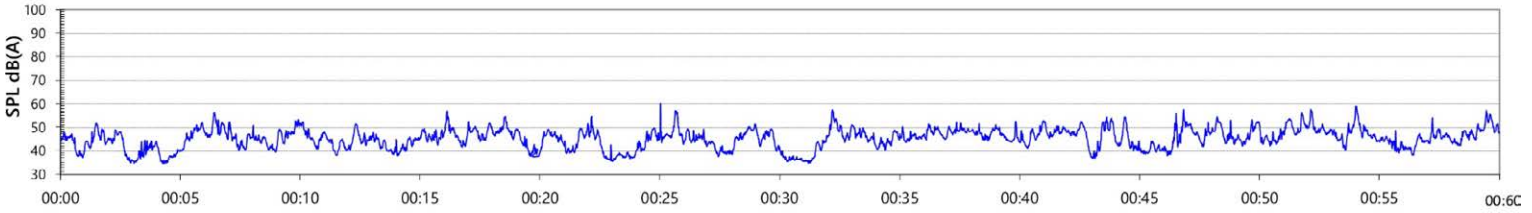
2am-3am



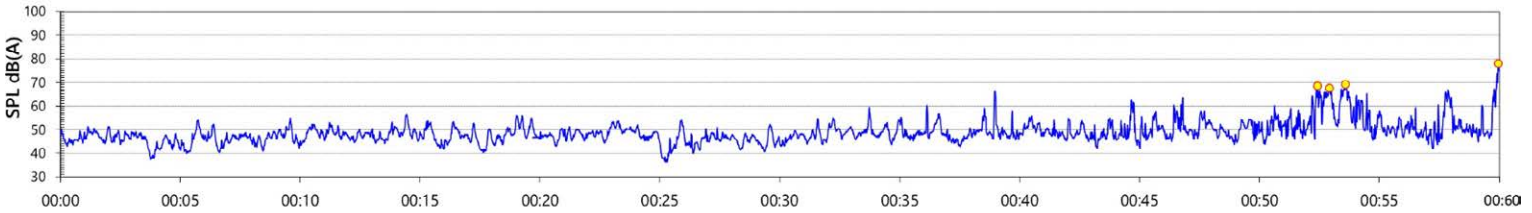
3am-4am



4am-5am



5am-6am



6am-7am

Template: QTE-01 dBMAX (r30)

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dBMAX Maximum Noise Level Analysis

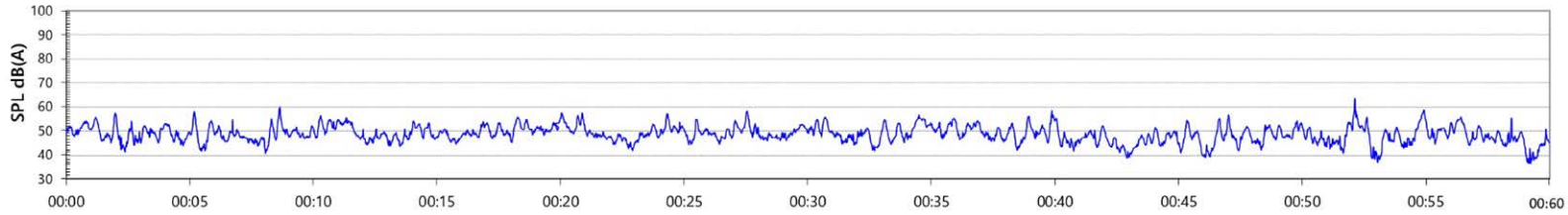
Project Number: **TL081-01**
Address: 11 Cahill Close, Black Hill

Start Date: Sunday, 20 March 2016

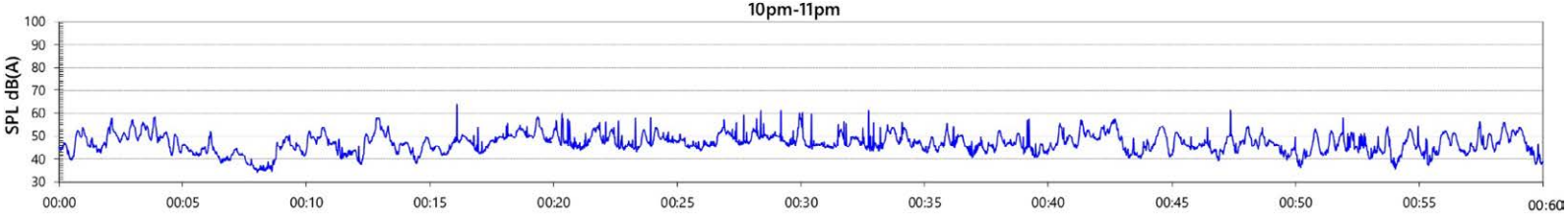
LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A))

Summary Table

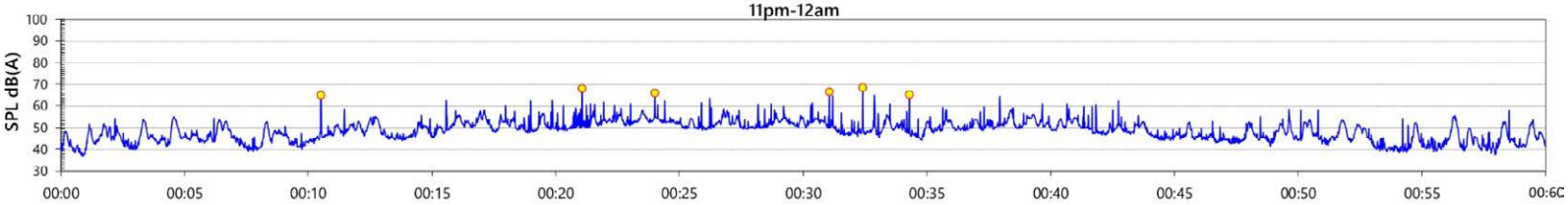
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	49.6	48.2	49.7	47.0	51.9	48.0	50.2	52.0	54.3	51.8
LA90	43.9	41.2	41.3	38.4	44.2	40.9	46.0	48.4	50.9	-
Lav max	-	-	66.6	66.4	68.9	-	-	-	72.5	68.6
No Events	0	0	6	1	3	0	0	0	2	12



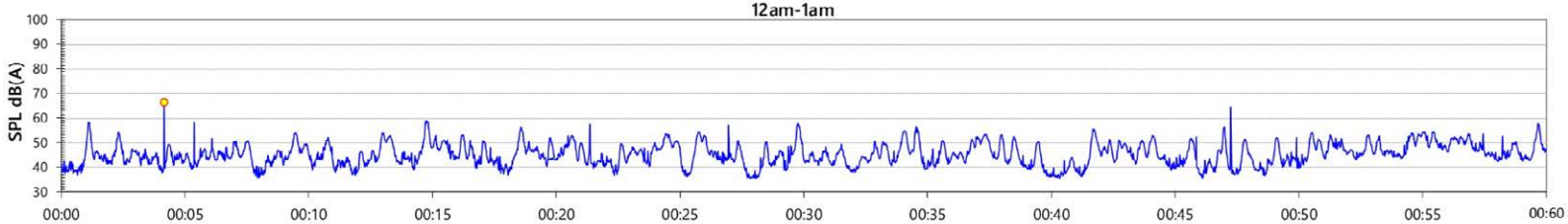
10pm-11pm



11pm-12am



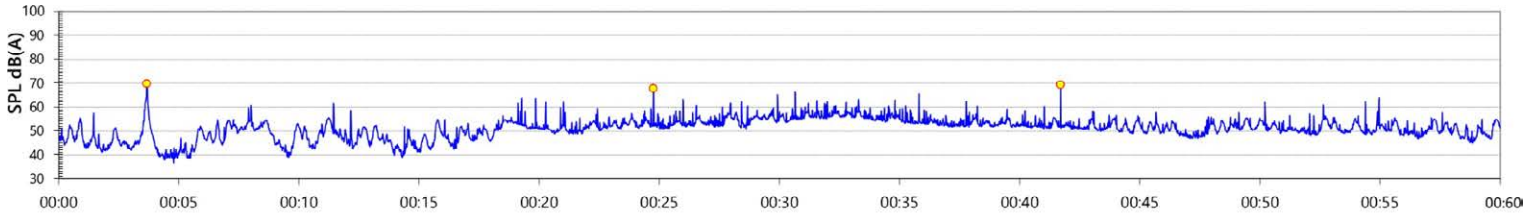
12am-1am



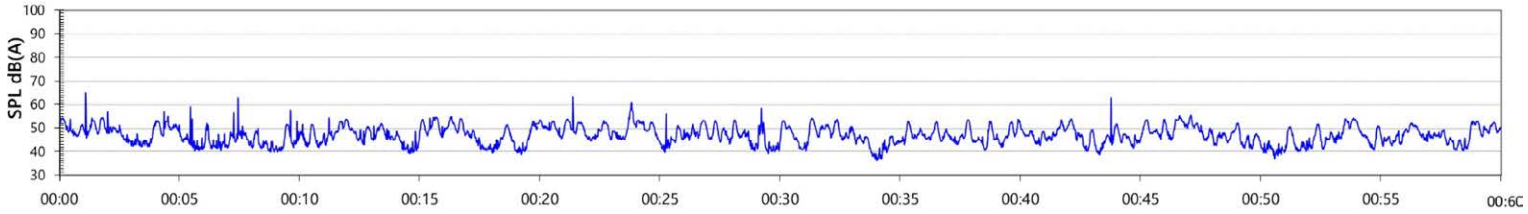
1am-2am

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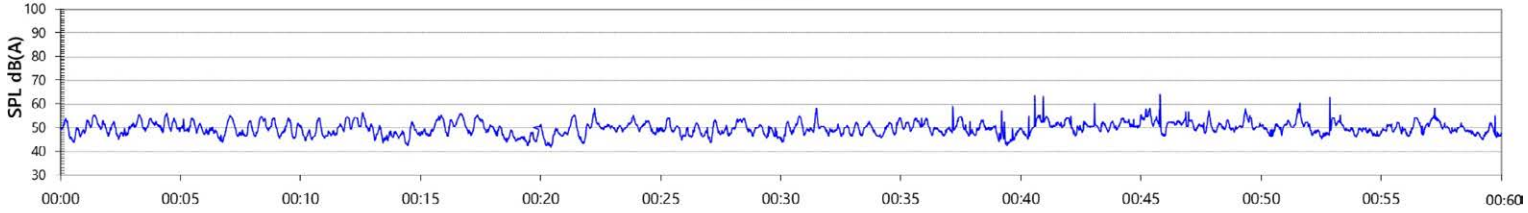
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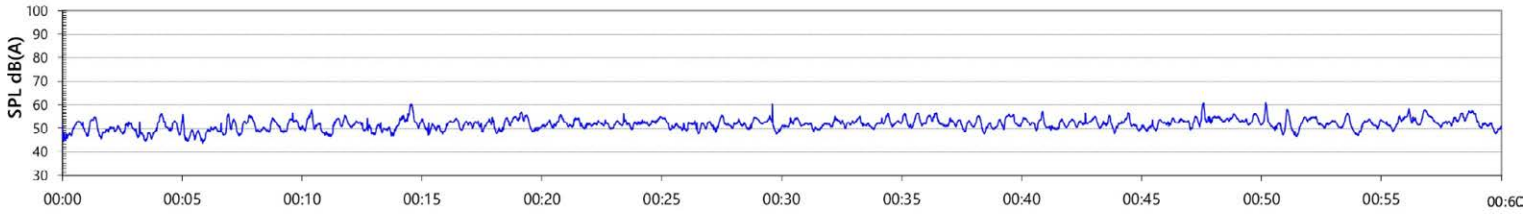
2am-3am



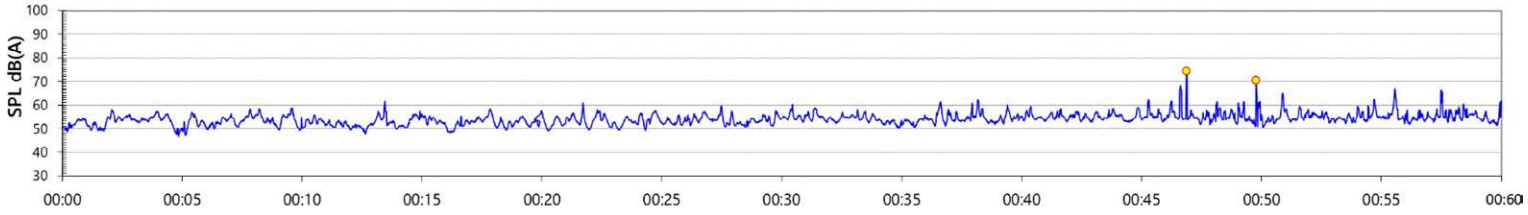
3am-4am



4am-5am



5am-6am



6am-7am

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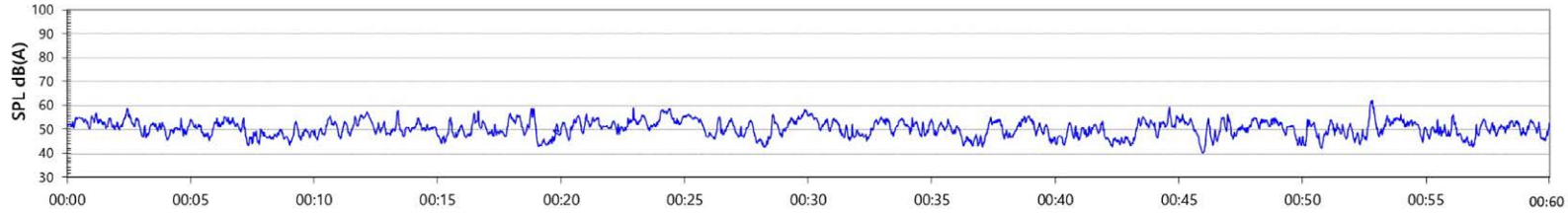
dBMAX Maximum Noise Level Analysis

Project Number: **TL081-01**
Address: 11 Cahill Close, Black Hill

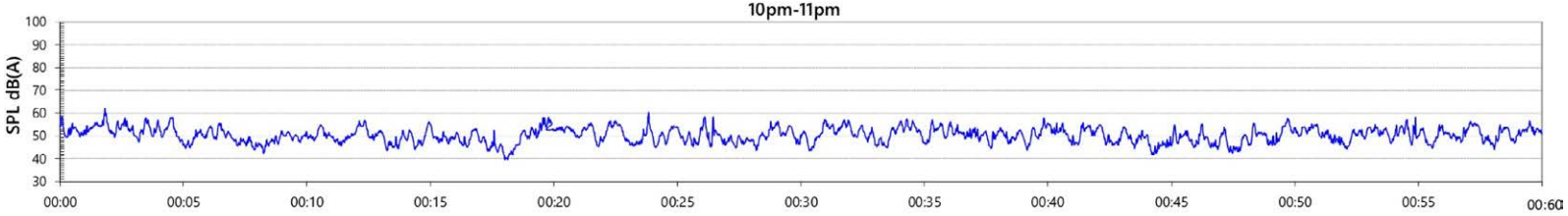
Start Date: Monday, 21 March 2016

LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A))

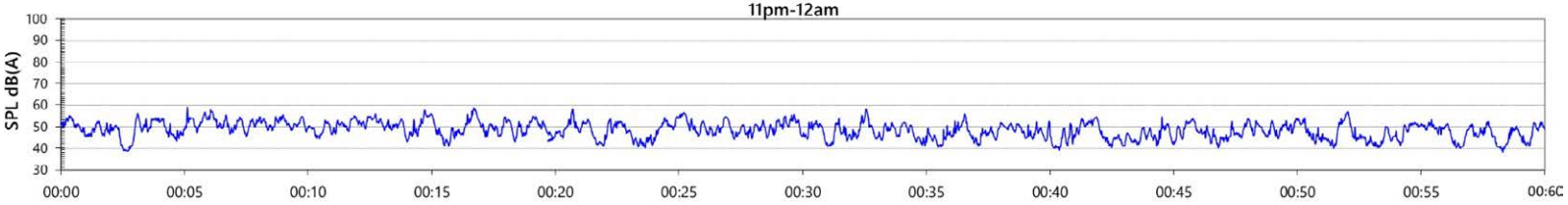
Summary Table										
	10pm	11pm	12am	1am	2am	3am	4am	5am	6am	10pm
	to	to	to	to	to	to	to	to	to	to
	11pm	12am	1am	2am	3am	4am	5am	6am	7am	7am
LAeq	51.1	51.0	49.4	47.7	48.0	49.2	50.9	52.6	54.4	51.6
LA90	45.5	51.5	42.4	38.0	39.9	42.0	45.9	49.3	51.4	-
Lav max	-	-	-	-	-	-	-	-	-	#DIV/0!
No Events	0	0	0	0	0	0	0	0	0	0



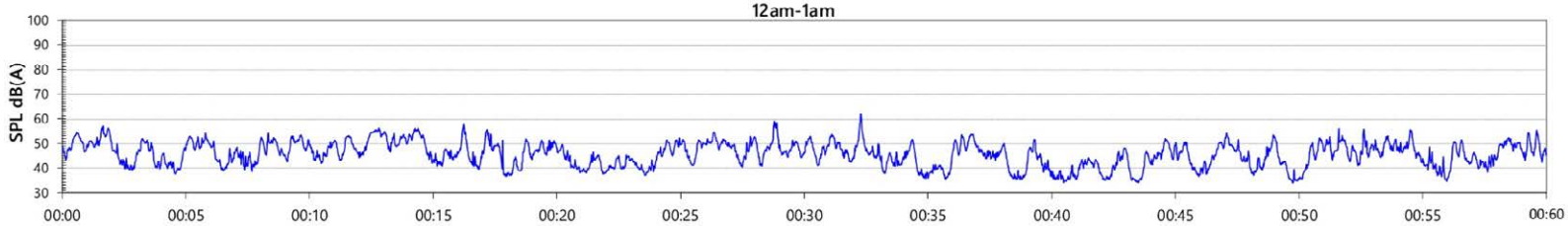
10pm-11pm



11pm-12am



12am-1am



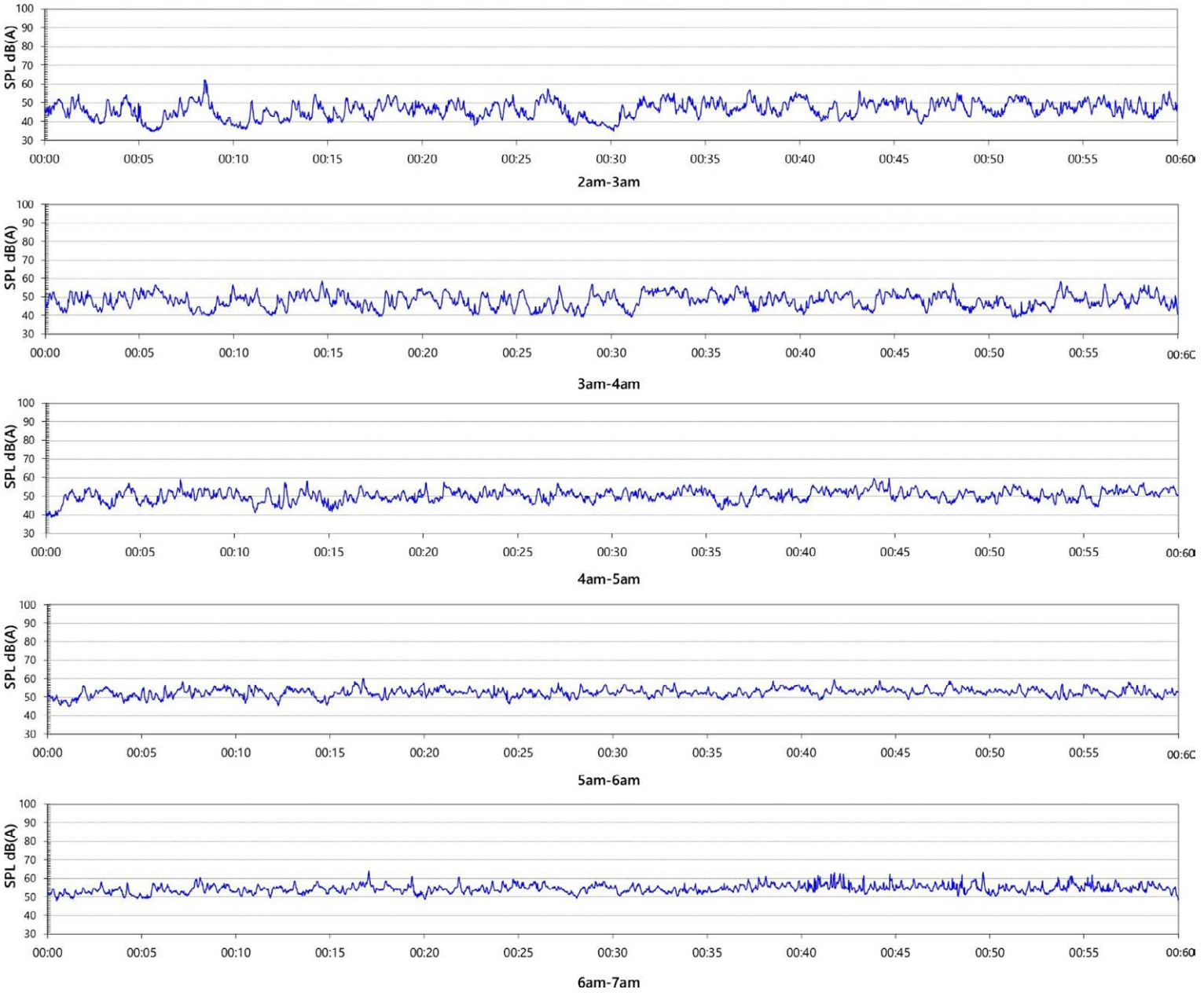
1am-2am

Template: QTE-01 dBMAX (r30)

dBMAX Maximum Noise Level Analysis

Acoustics
Vibration
Structural Dynamics

sydney@renzotonin.com.au
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Template: QTE-01 dBMAX (r30)

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dBMAX Maximum Noise Level Analysis

Acoustics
Vibration
Structural Dynamics

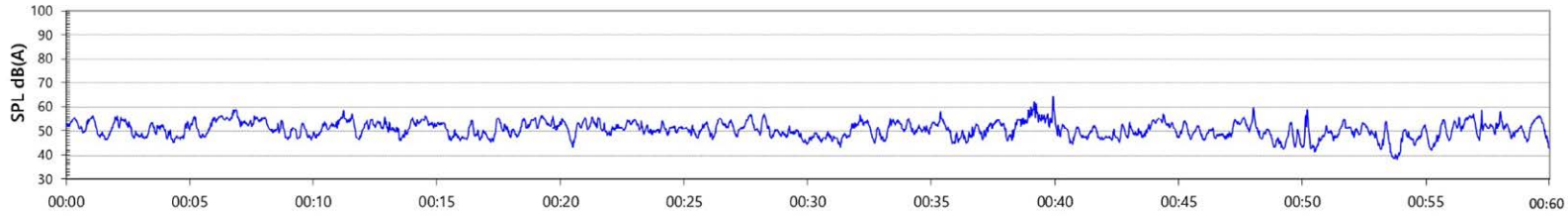
sydney@renzotonin.com.au
www.renzotonin.com.au

Project Number: **TL081-01**
Address: 11 Cahill Close, Black Hill

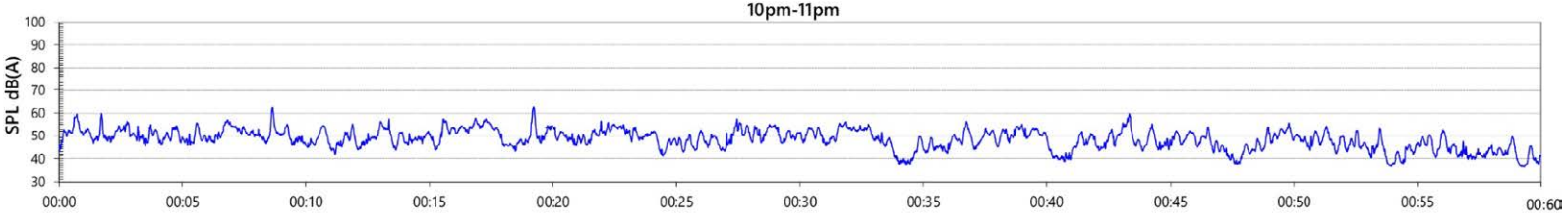
Start Date: Tuesday, 22 March 2016

LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A))

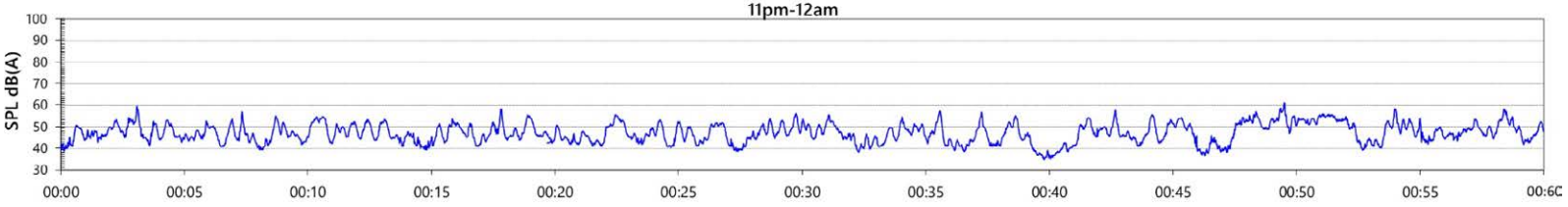
Summary Table										
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	51.3	50.0	48.8	48.9	48.9	49.5	51.0	52.6	55.5	52.2
LA90	46.2	42.1	40.7	41.0	40.8	42.9	45.1	49.4	52.1	-
Lav max	-	-	-	-	-	-	-	-	75.3	75.3
No Events	0	0	0	0	0	0	0	0	2	2



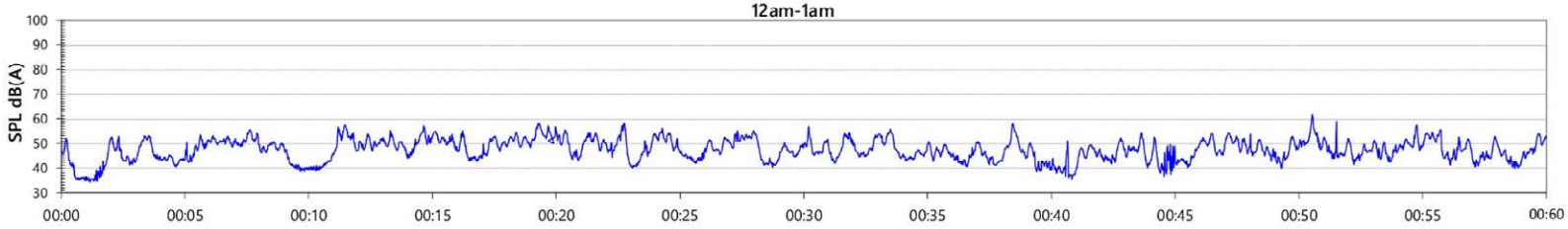
10pm-11pm



11pm-12am



12am-1am

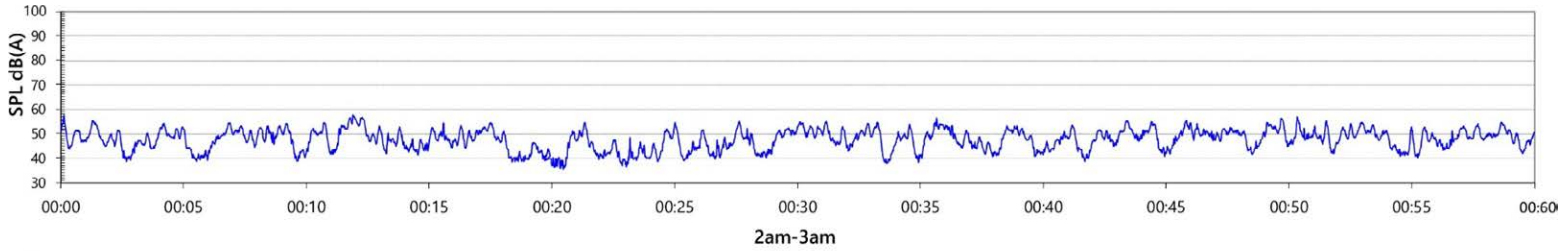


1am-2am

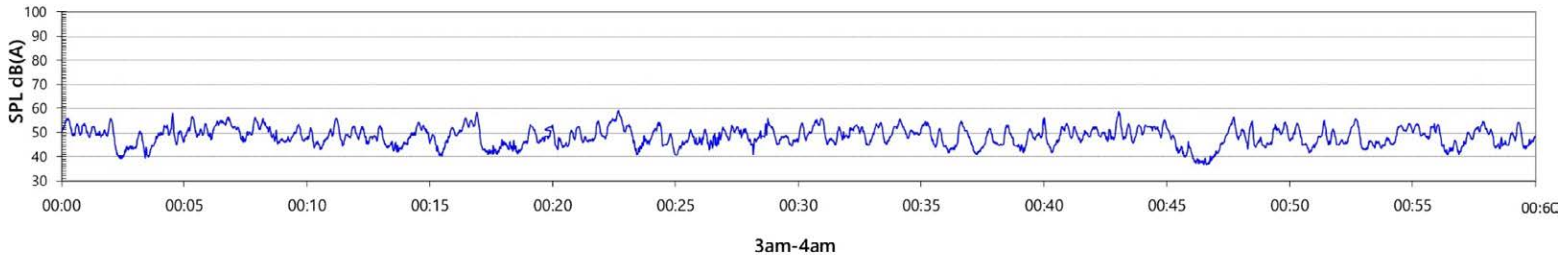
dBMAX Maximum Noise Level Analysis

Acoustics
Vibration
Structural Dynamics

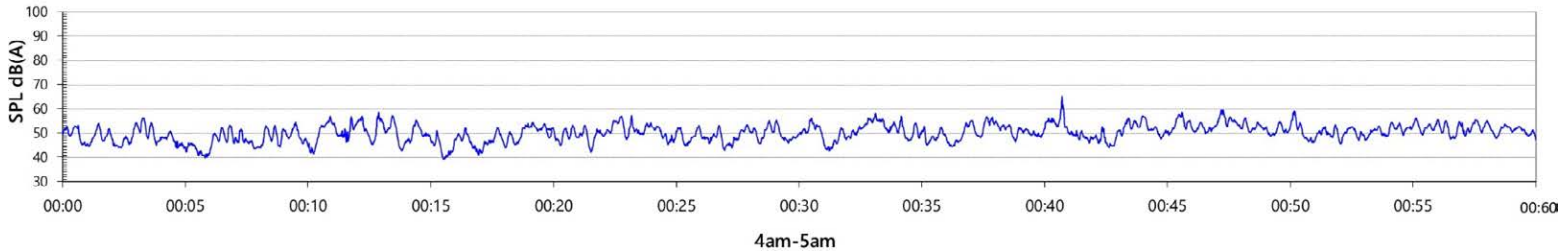
sydney@renzotonin.com.au
www.renzotonin.com.au



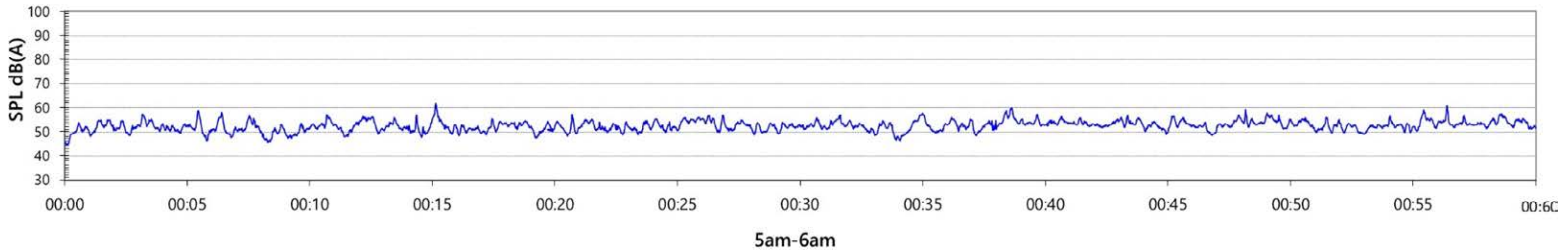
2am-3am



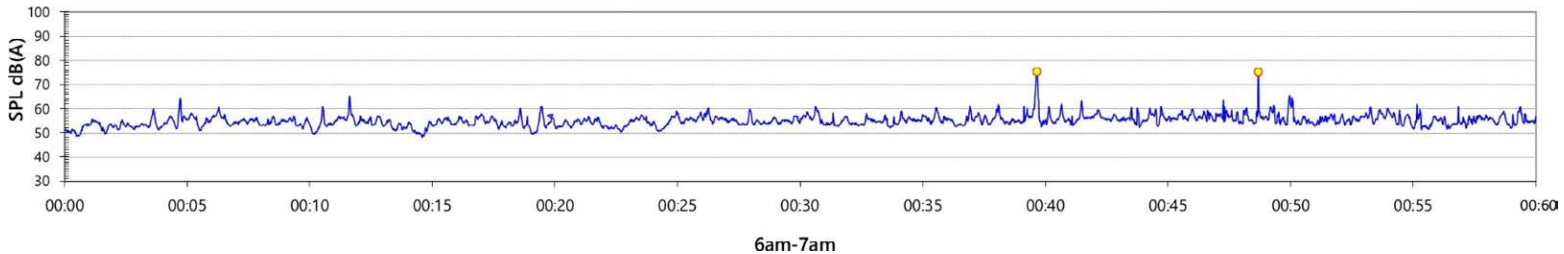
3am-4am



4am-5am



5am-6am



6am-7am

Template: QTE-01 dBMAX (r30)

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dBMAX Maximum Noise Level Analysis

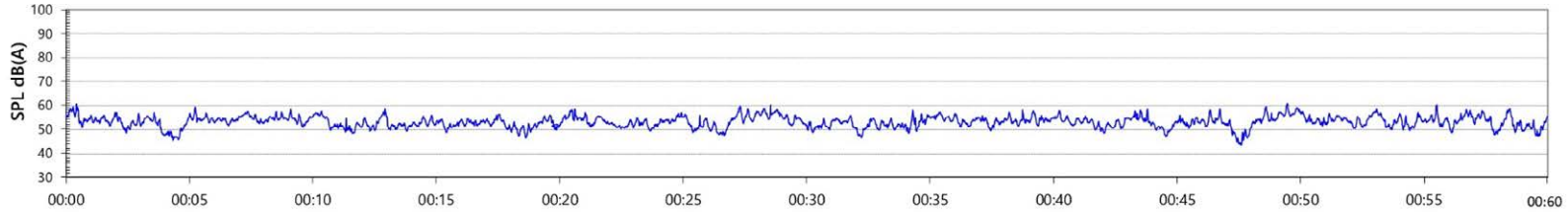
Project Number: **TL081-01**
Address: 11 Cahill Close, Black Hill

Start Date: Wednesday, 23 March 2016

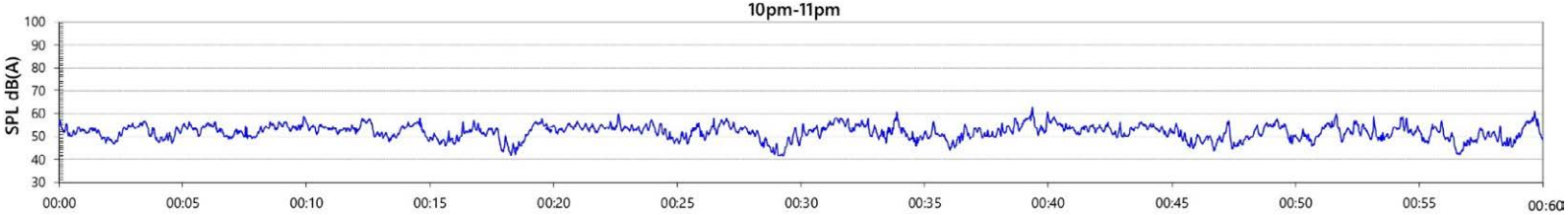
LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A))

Summary Table

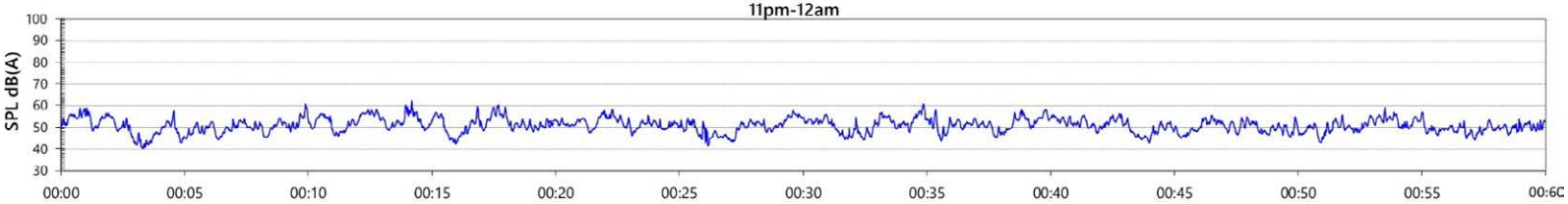
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	53.3	52.6	51.6	51.0	51.1	49.8	51.5	54.2	55.4	52.9
LA90	49.6	47.4	46.0	44.3	44.3	44.9	47.6	50.9	52.7	-
Lav max	-	-	-	-	-	-	-	-	-	#DIV/0!
No Events	0	0	0	0	0	0	0	0	0	0



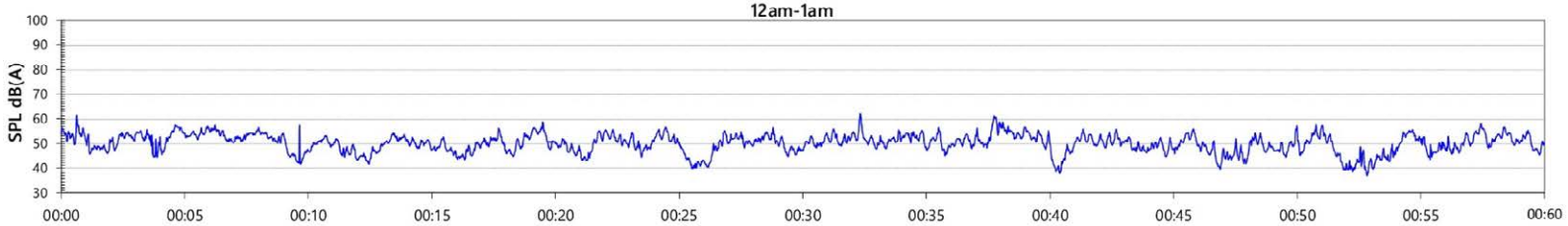
10pm-11pm



11pm-12am



12am-1am



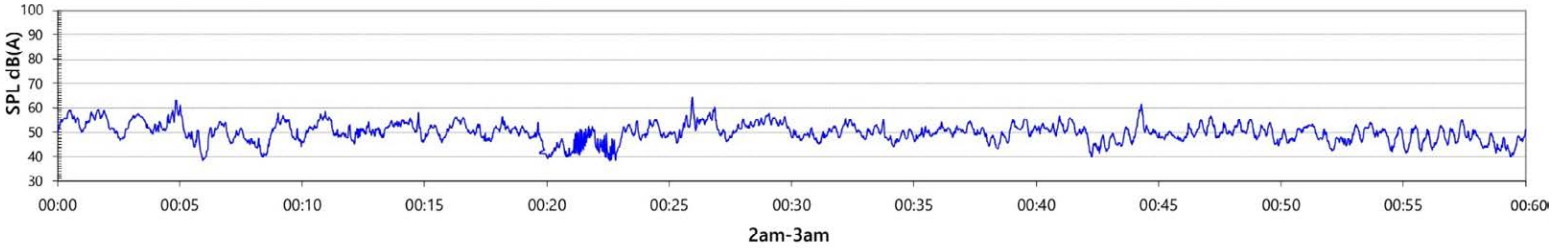
1am-2am

Template: QTE-01 dBMAX (r30)

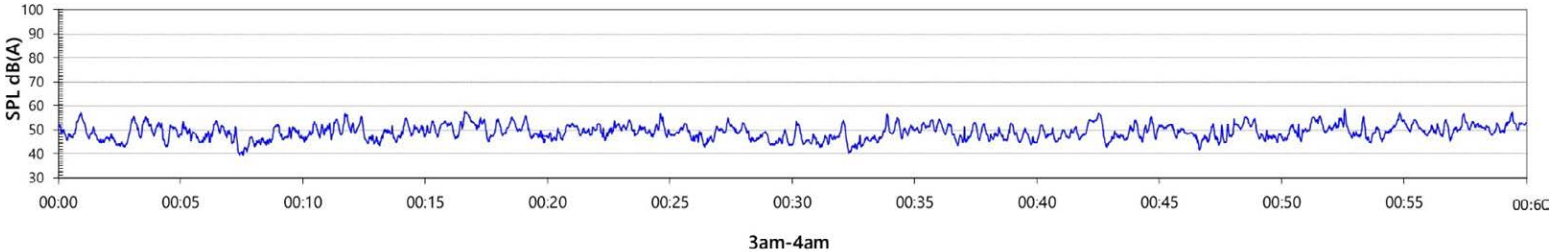
dBMAX Maximum Noise Level Analysis

Acoustics
Vibration
Structural Dynamics

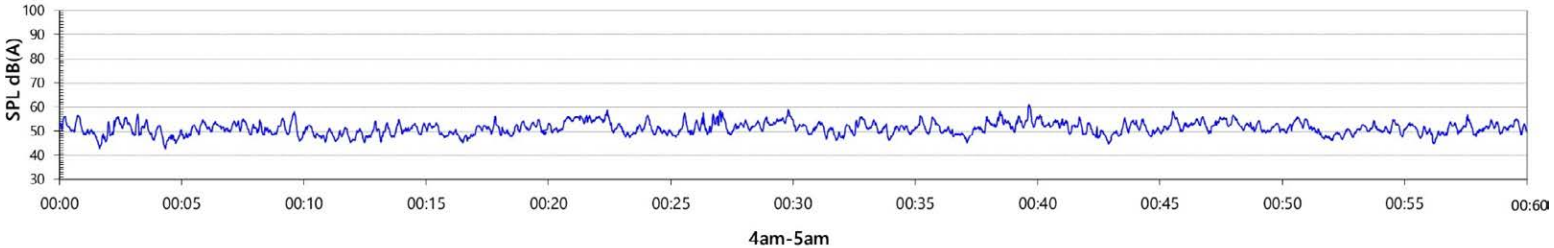
sydney@renzotonin.com.au
www.renzotonin.com.au



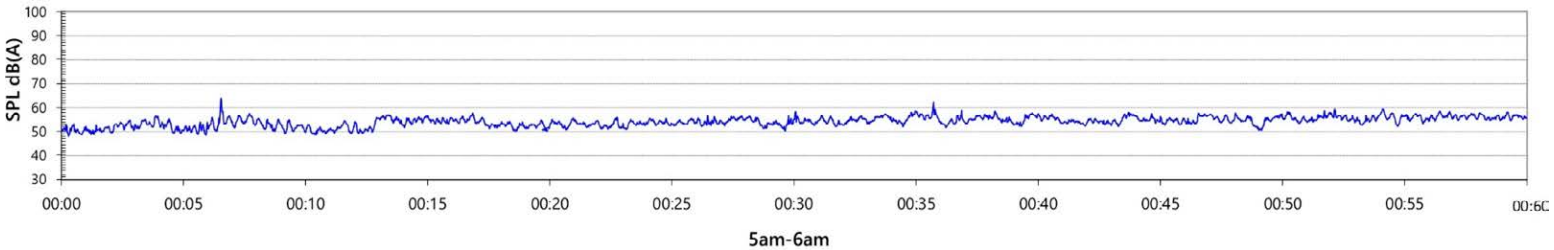
2am-3am



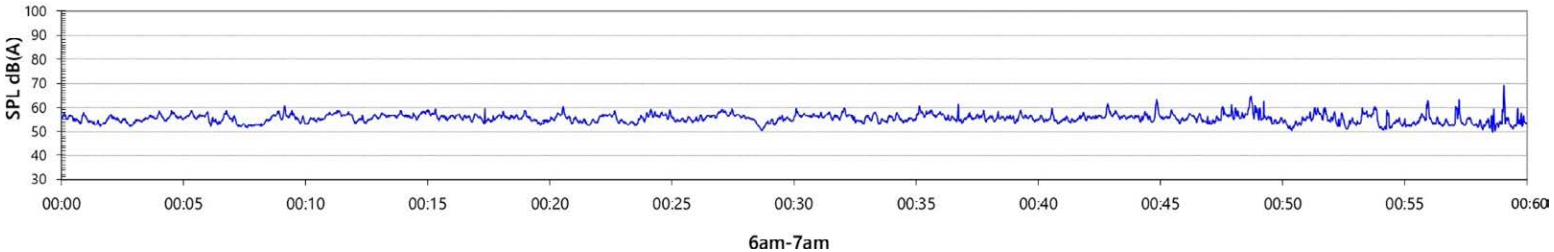
3am-4am



4am-5am



5am-6am



6am-7am

Template: QTE-01 dBMAX (r30)

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dBMAX Maximum Noise Level Analysis

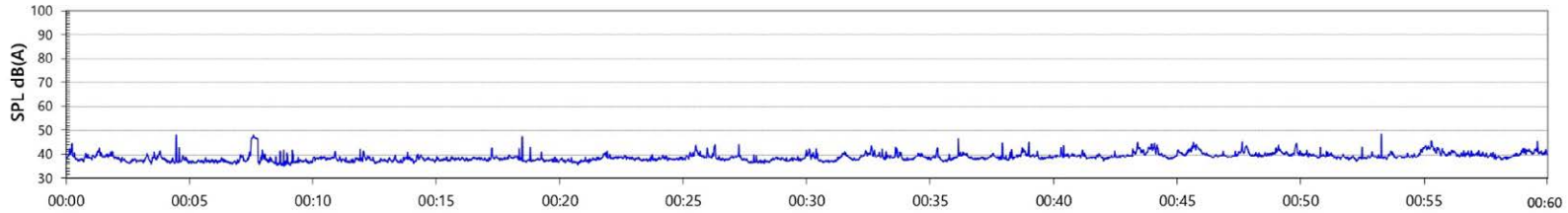
Project Number: **TL081-01**
Address: 23 Walter Parade, Black Hill

Start Date: Wednesday, 16 March 2016

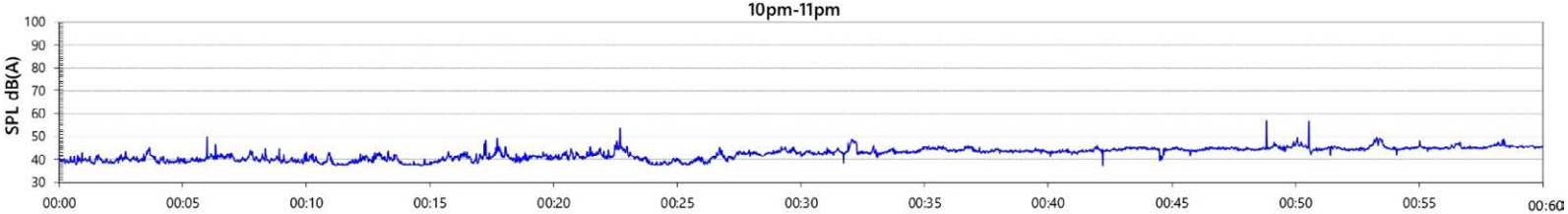
LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A)

Summary Table

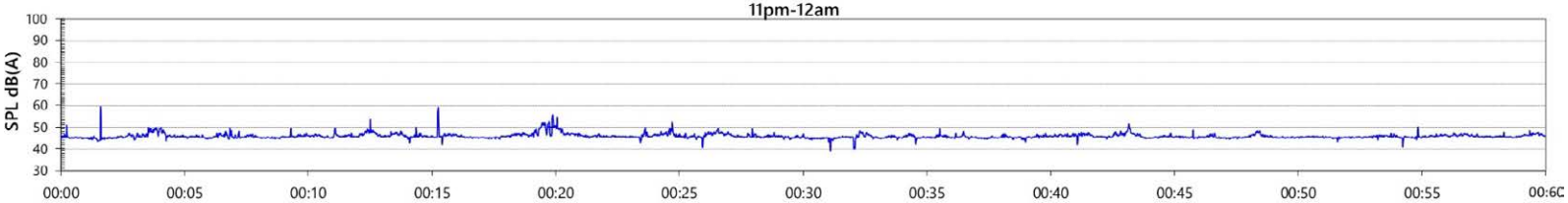
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	38.7	42.5	45.5	44.3	42.1	43.6	46.0	47.5	46.7	45.6
LA90	36.7	38.5	44.2	37.0	36.2	39.4	42.2	42.7	42.6	-
Lav max	-	-	-	-	-	-	-	69.3	69.0	69.2
No Events	0	0	0	0	0	0	0	1	3	4



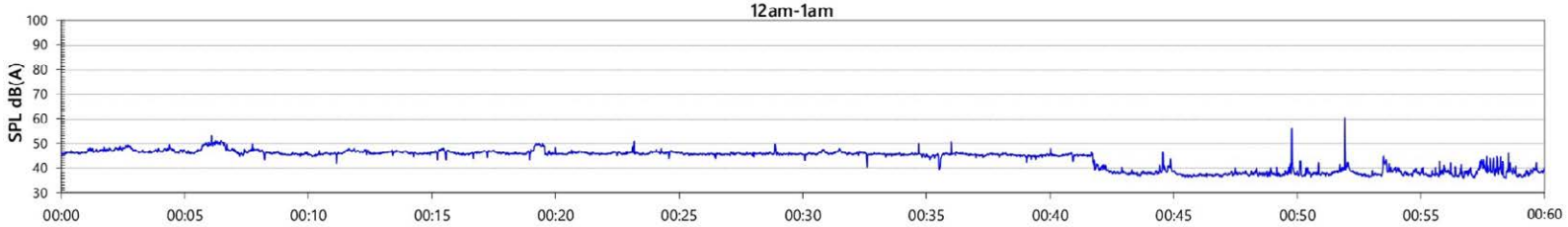
10pm-11pm



11pm-12am



12am-1am



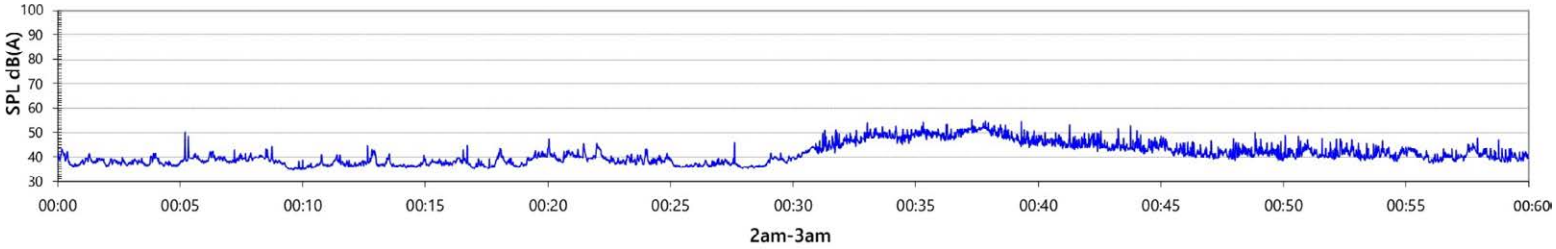
1am-2am

Template: QTE-01 dBMAX (r30)

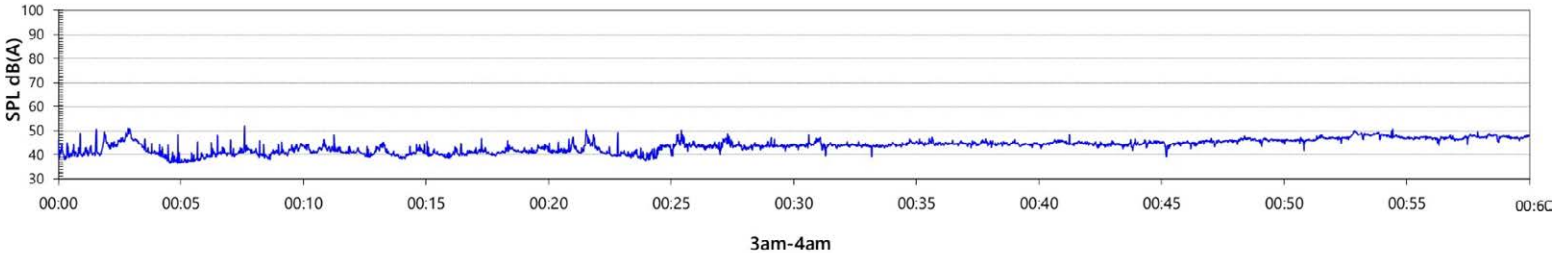
dBMAX Maximum Noise Level Analysis

Acoustics
Vibration
Structural Dynamics

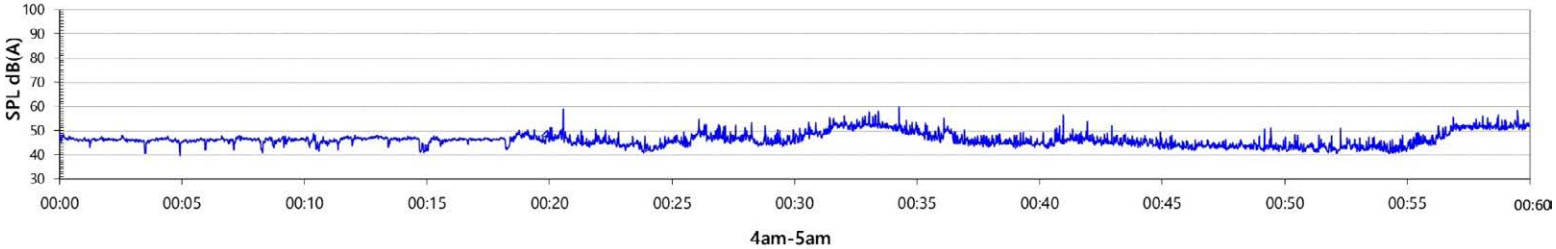
sydney@renzotonin.com.au
www.renzotonin.com.au



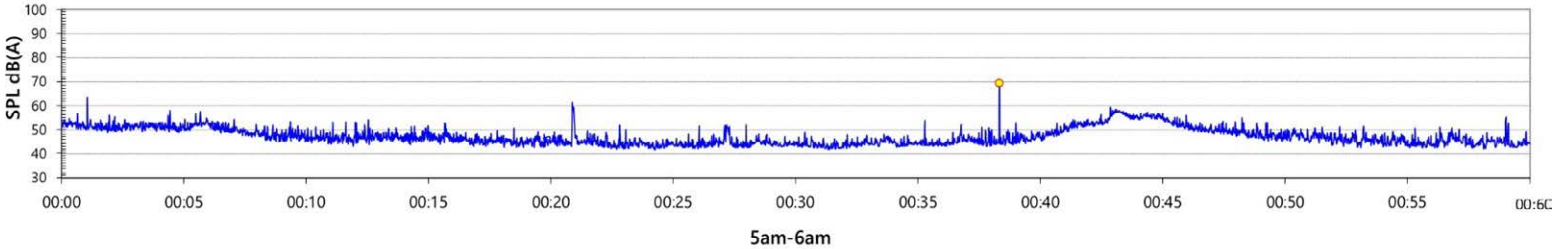
2am-3am



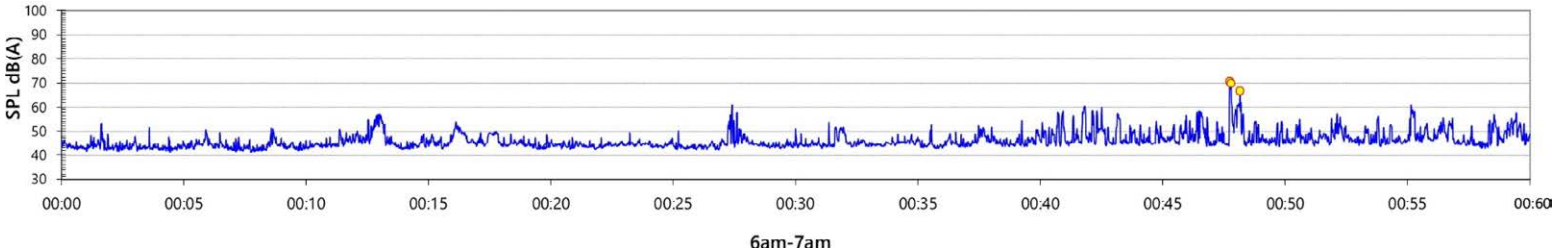
3am-4am



4am-5am



5am-6am



6am-7am

Template: QTE-01 dBMAX (r30)

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dBMAX Maximum Noise Level Analysis

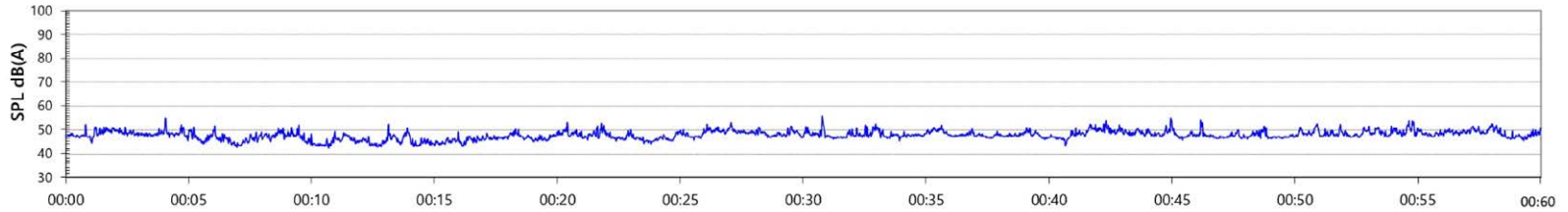
Project Number: **TL081-01**
Address: 23 Walter Parade, Black Hill

Start Date: Thursday, 17 March 2016

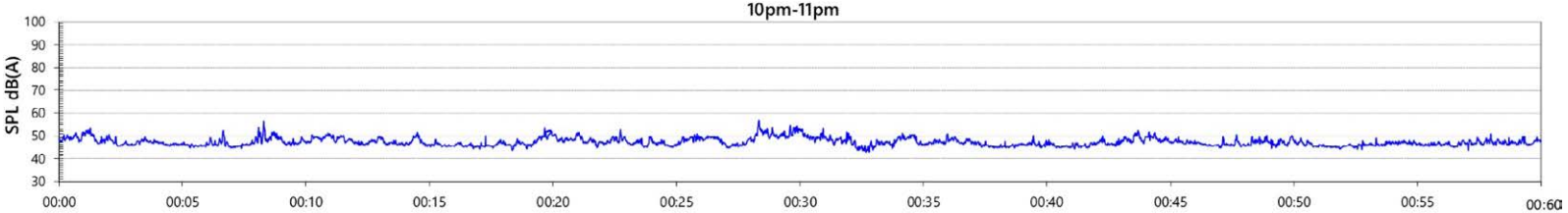
LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A)

Summary Table

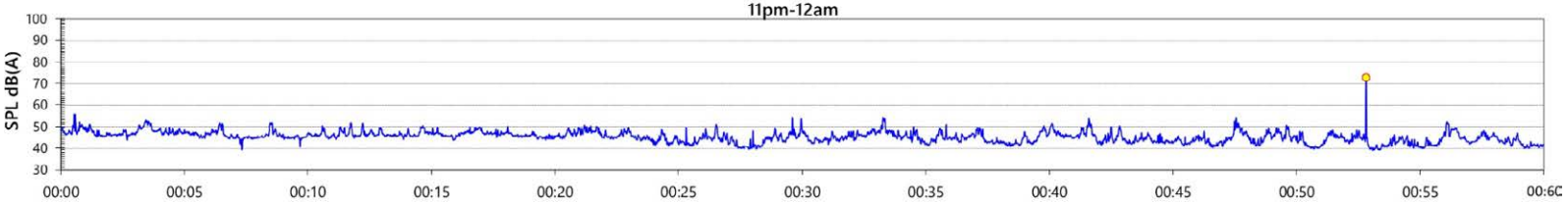
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	47.5	47.1	45.7	45.0	45.2	45.8	45.2	47.4	51.8	47.9
LA90	44.9	44.8	41.4	40.8	41.0	42.4	42.7	45.4	48.0	-
Lav max	-	-	72.8	-	-	-	-	-	71.6	72.2
No Events	0	0	1	0	0	0	0	0	18	19



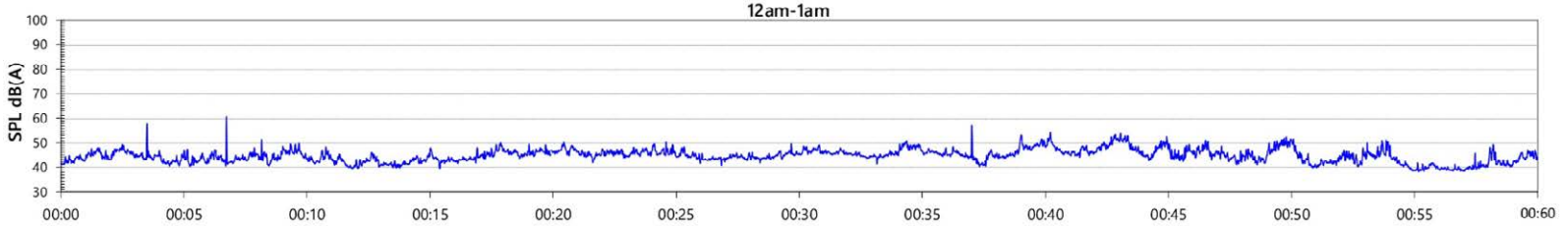
10pm-11pm



11pm-12am



12am-1am



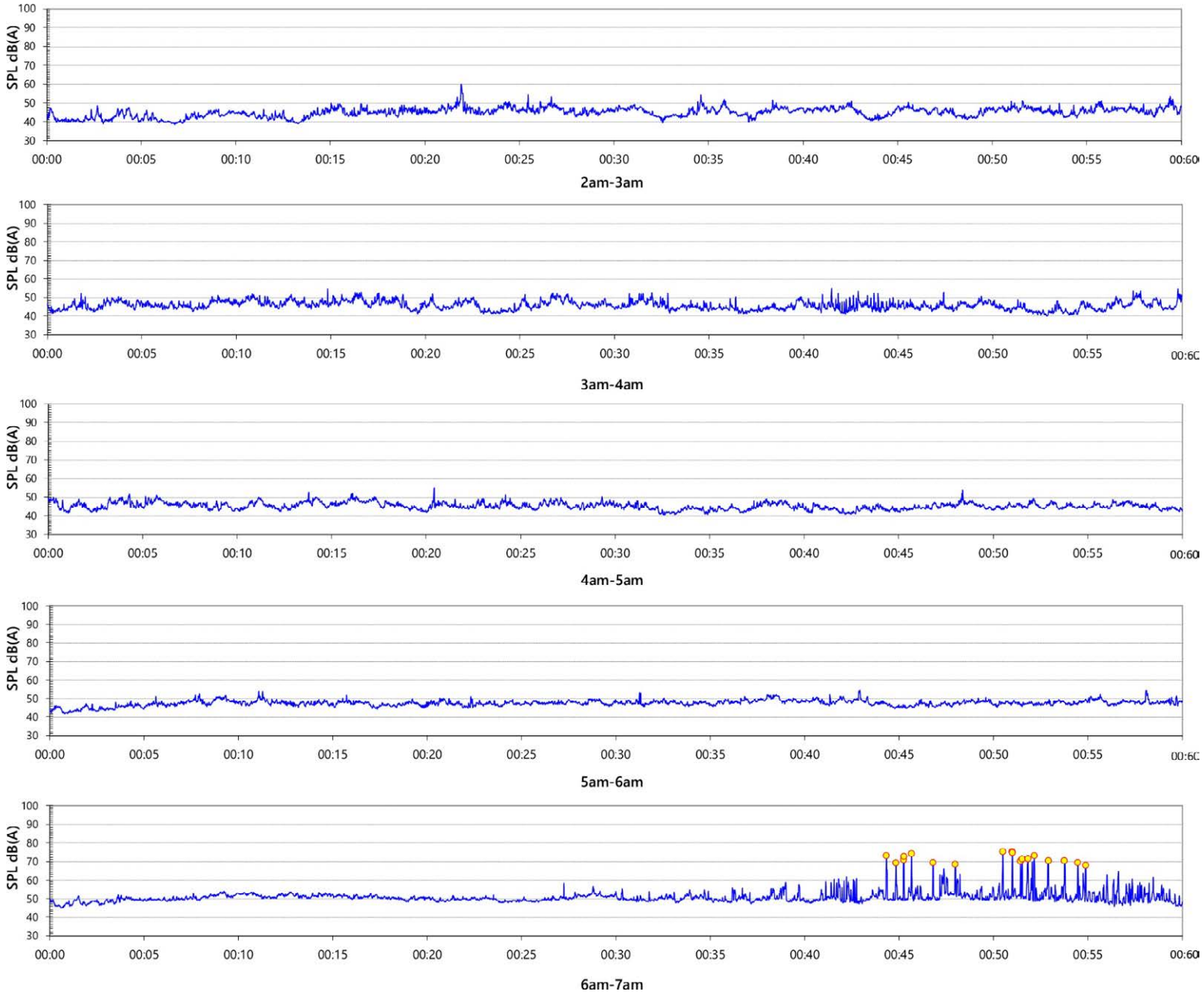
1am-2am

Template: QTE-01 dBMAX (r30)

dBMAX Maximum Noise Level Analysis

Acoustics
Vibration
Structural Dynamics

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Template: QTE-01 dBMAX (r30)

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dBMAX Maximum Noise Level Analysis

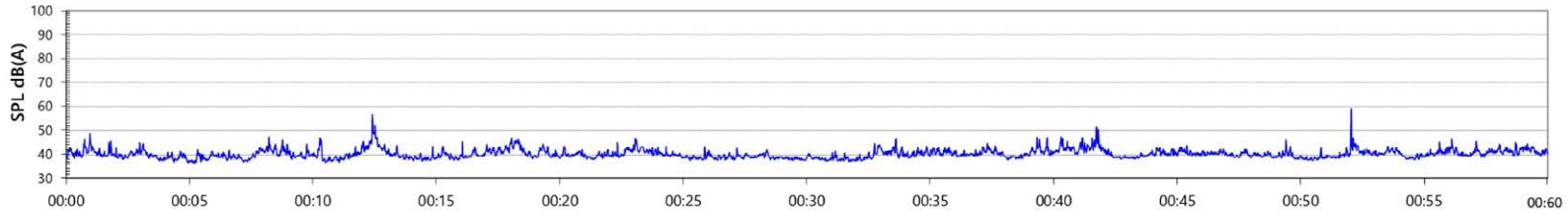
Project Number: **TL081-01**
Address: 23 Walter Parade, Black Hill

Start Date: Friday, 18 March 2016

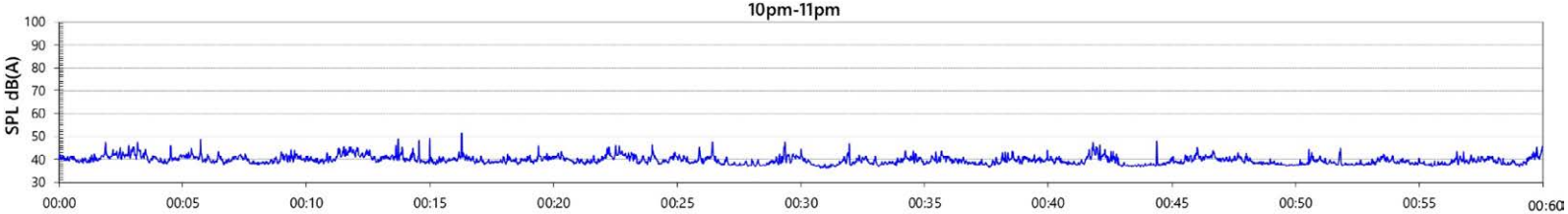
LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A)

Summary Table

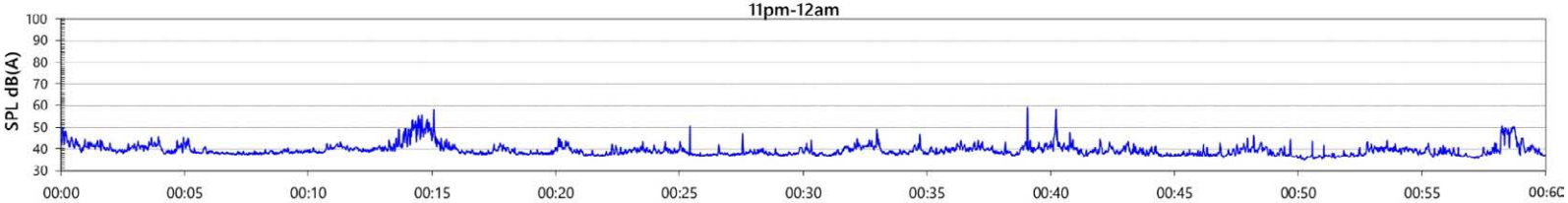
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	40.1	39.6	39.7	39.4	40.1	39.4	40.7	41.2	44.5	41.6
LA90	37.8	37.4	36.7	36.3	36.1	35.7	36.7	36.9	38.7	-
Lav max	-	-	-	-	-	-	-	-	68.8	68.8
No Events	0	0	0	0	0	0	0	0	1	1



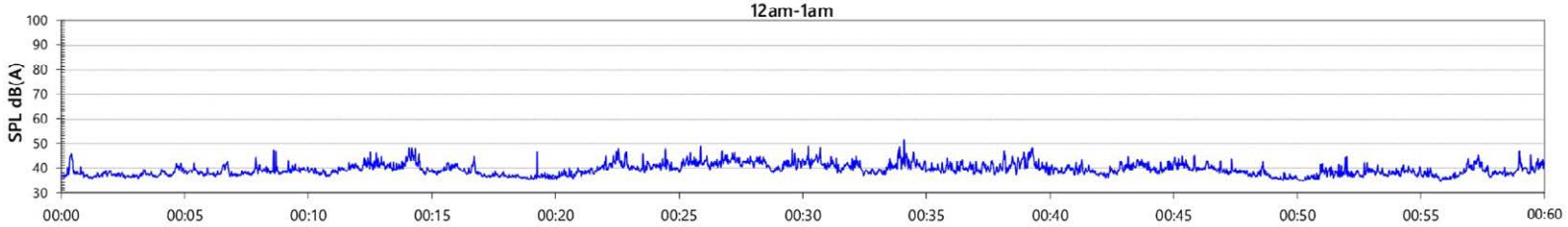
10pm-11pm



11pm-12am



12am-1am



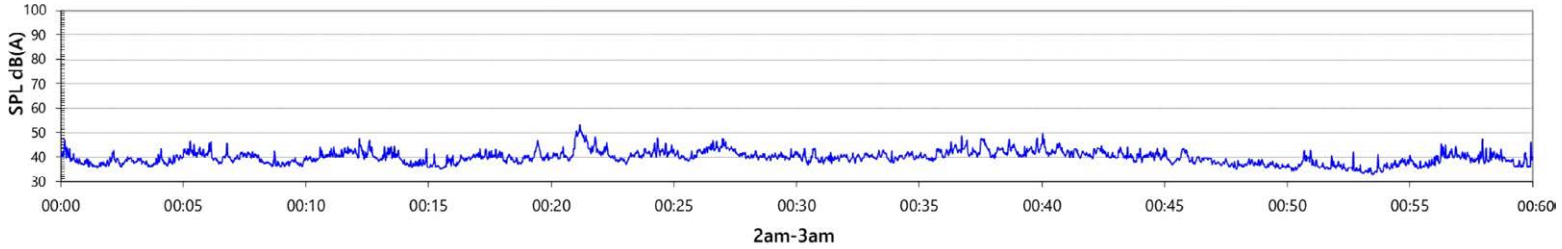
1am-2am

Template: QTE-01 dBMAX (r30)

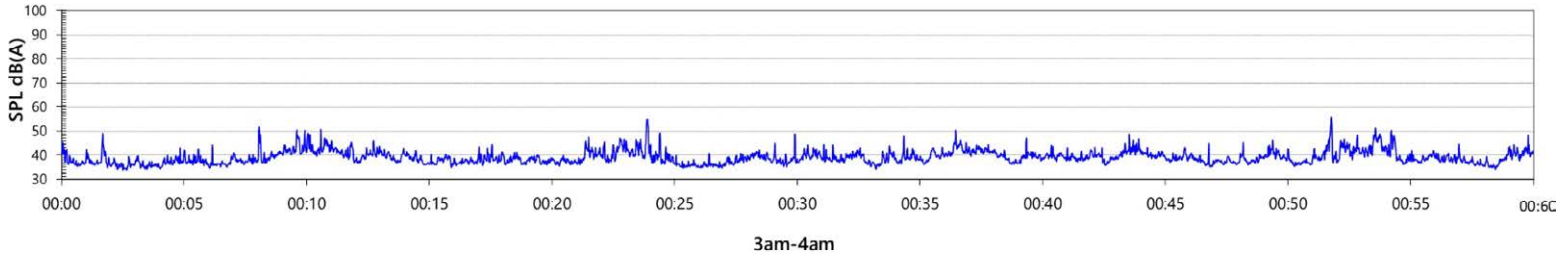
dBMAX Maximum Noise Level Analysis

Acoustics
Vibration
Structural Dynamics

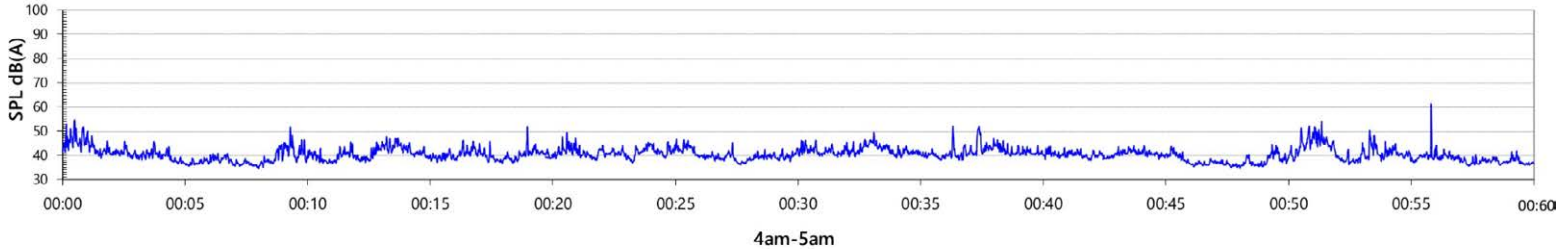
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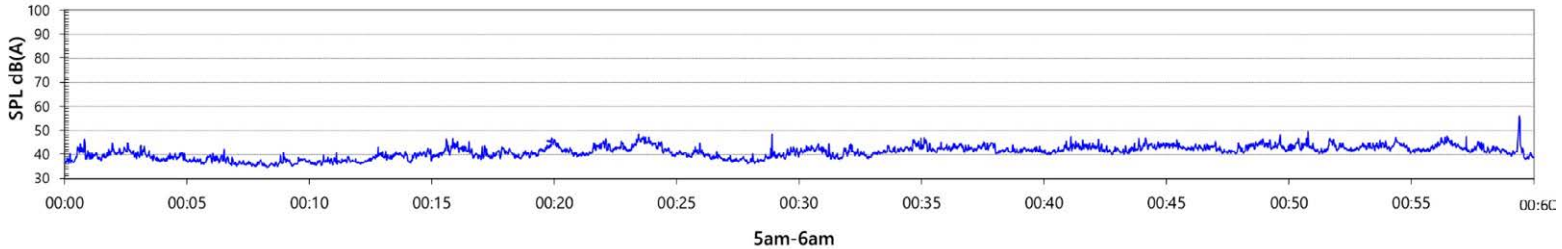
2am-3am



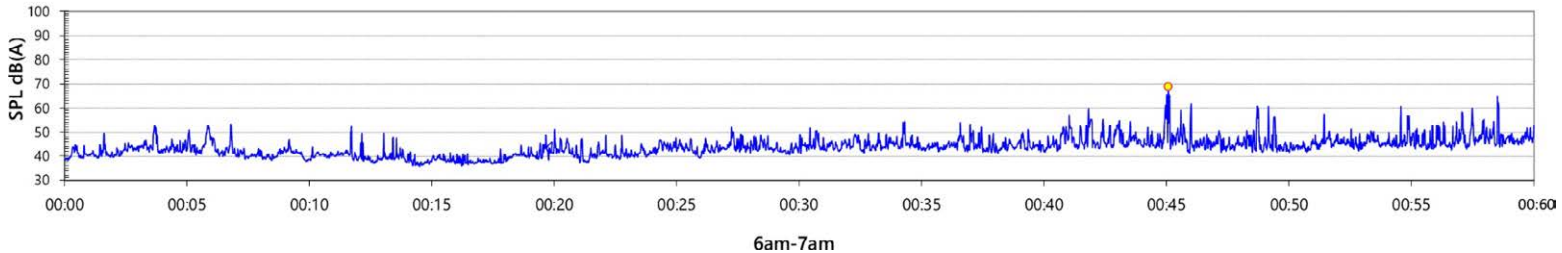
3am-4am



4am-5am



5am-6am



6am-7am

Template: QTE-01 dBMAX (r30)

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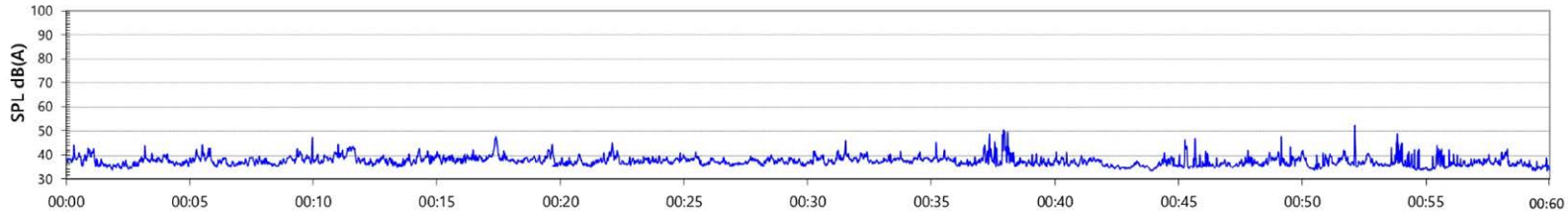
dBMAX Maximum Noise Level Analysis

Project Number: **TL081-01**
Address: 23 Walter Parade, Black Hill

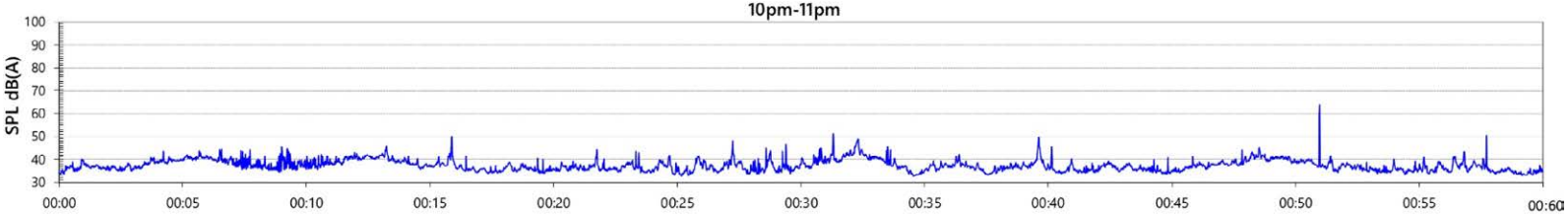
Start Date: Saturday, 19 March 2016

LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A)

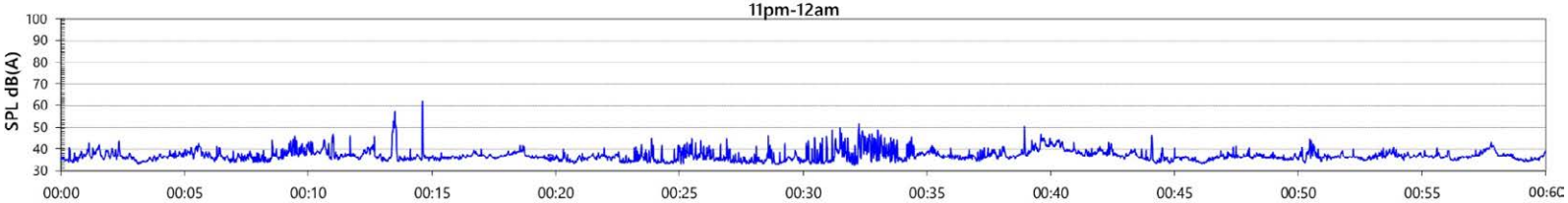
Summary Table	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	37.3	37.6	37.0	37.0	38.4	37.8	36.0	38.7	42.7	39.3
LA90	35.0	34.2	33.9	33.6	34.0	31.7	33.5	36.3	36.9	-
Lav max	-	-	-	-	-	66.4	-	-	66.3	66.3
No Events	0	0	0	0	0	1	0	0	2	3



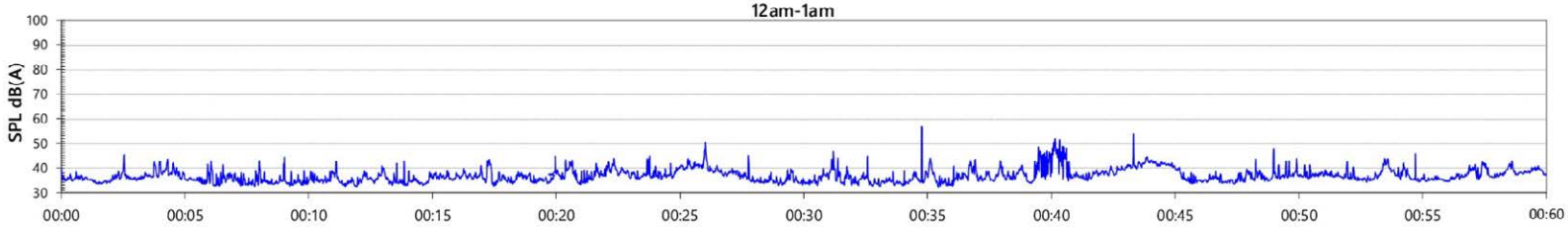
10pm-11pm



11pm-12am



12am-1am



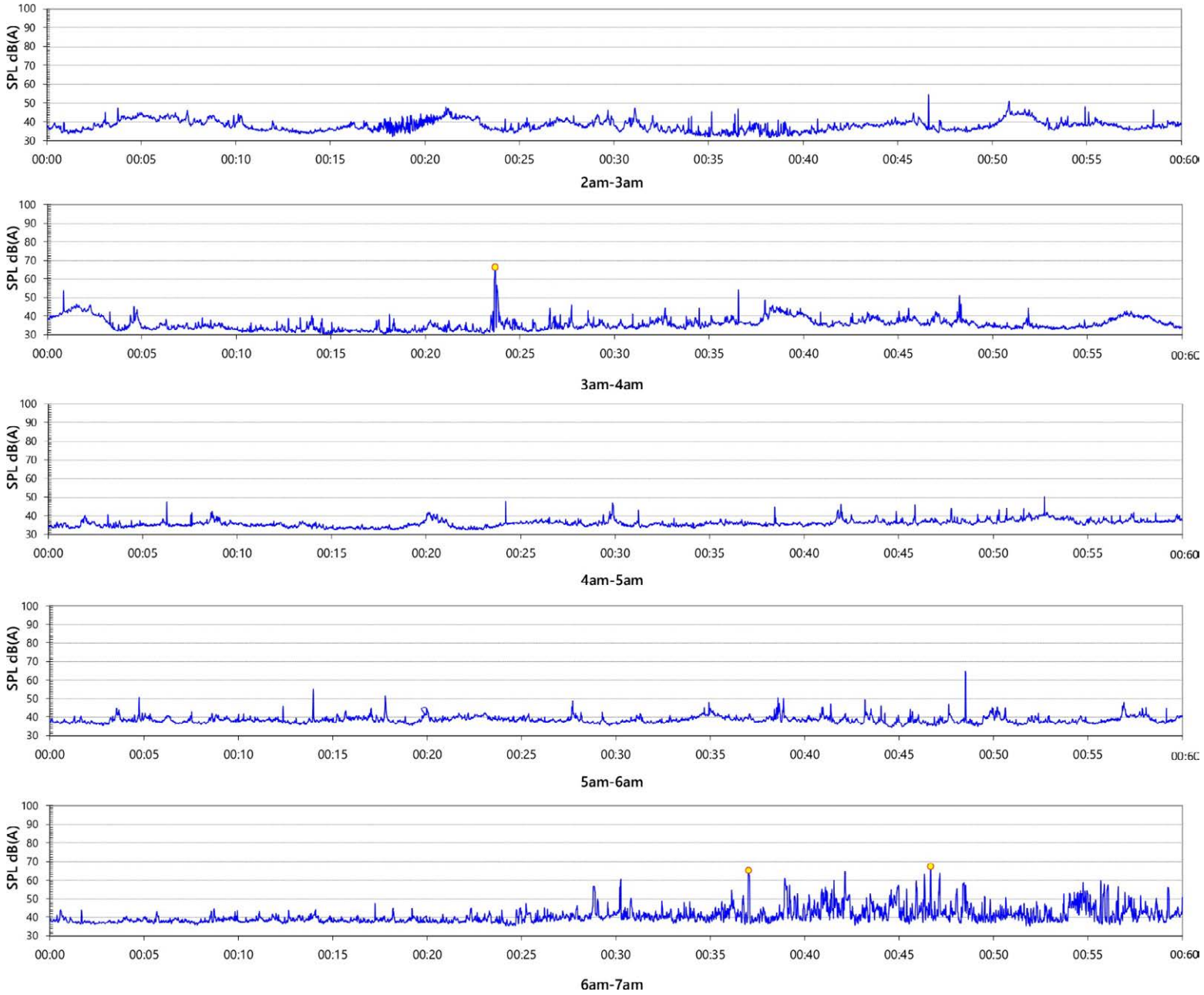
1am-2am

Template: QTE-01 dBMAX (r30)

dBMAX Maximum Noise Level Analysis

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Template: QTE-01 dBMAX (r30)

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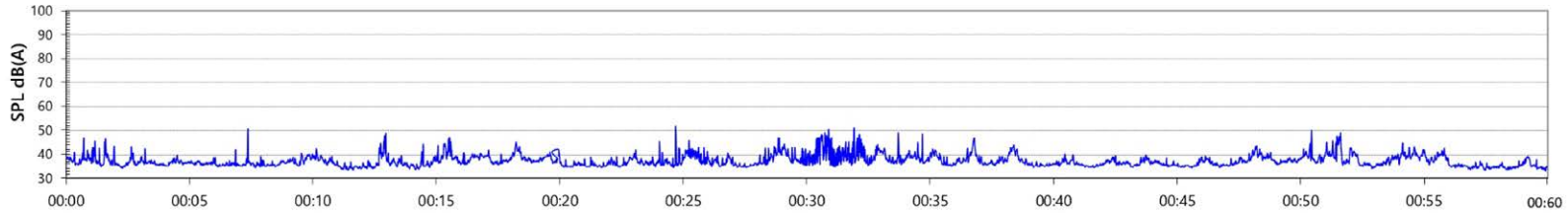
dBMAX Maximum Noise Level Analysis

Project Number: **TL081-01**
Address: 23 Walter Parade, Black Hill

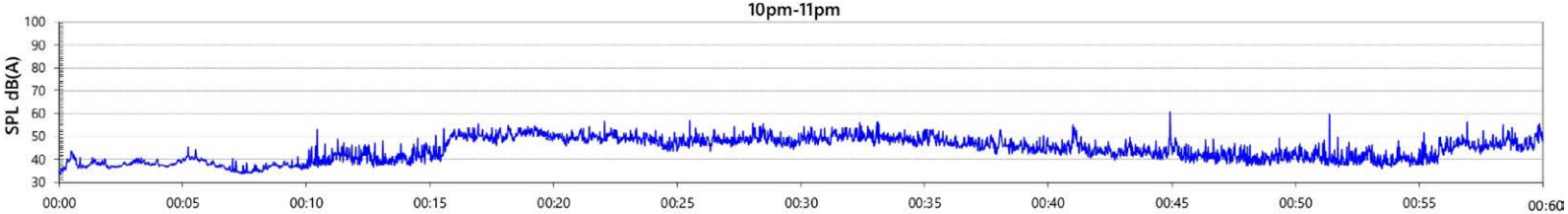
Start Date: Sunday, 20 March 2016

LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A)

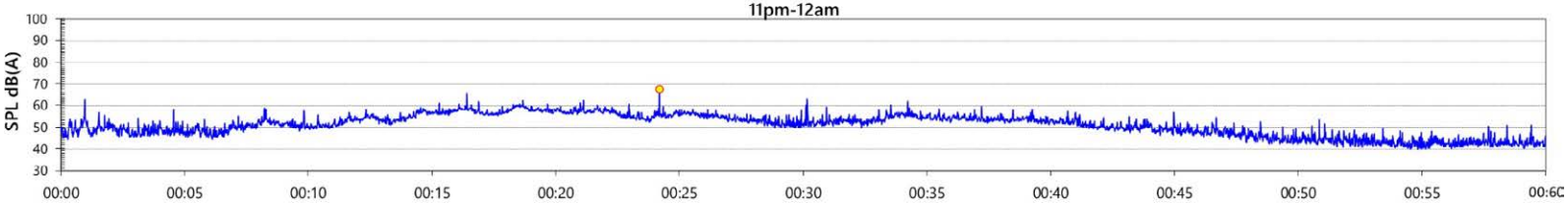
Summary Table	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	37.2	44.8	52.0	41.1	57.9	40.0	47.3	43.1	45.8	51.7
LA90	34.6	36.8	41.5	36.9	44.3	37.6	38.8	41.3	41.7	-
Lav max	-	-	67.5	-	-	-	-	-	65.4	66.5
No Events	0	0	1	0	0	0	0	0	1	2



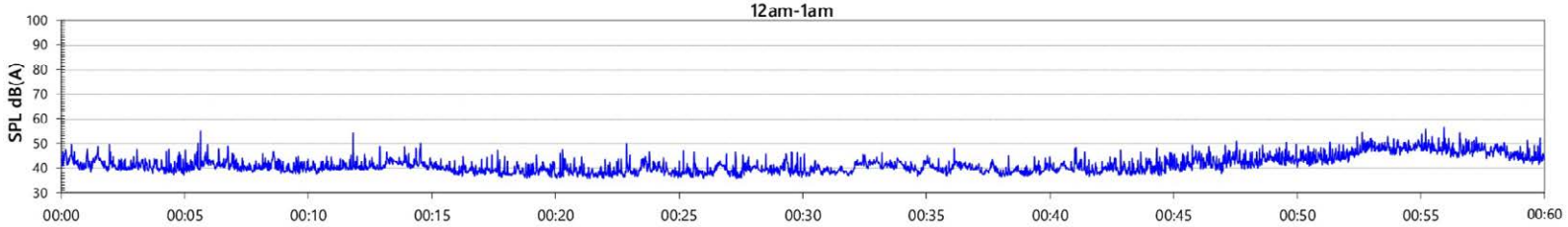
10pm-11pm



11pm-12am



12am-1am



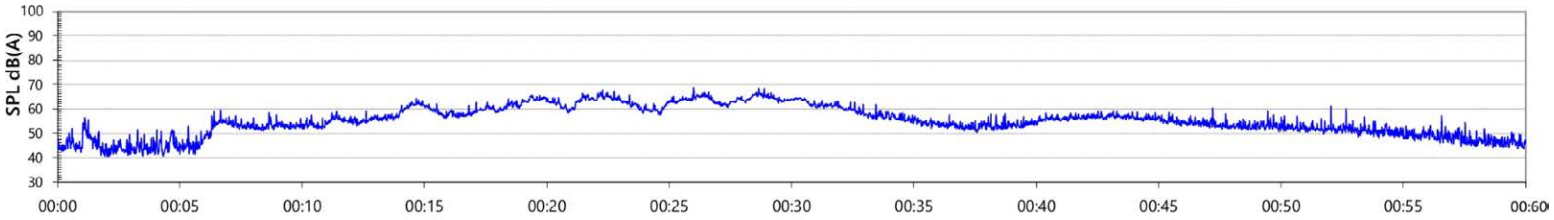
1am-2am

Template: QTE-01 dBMAX (r30)

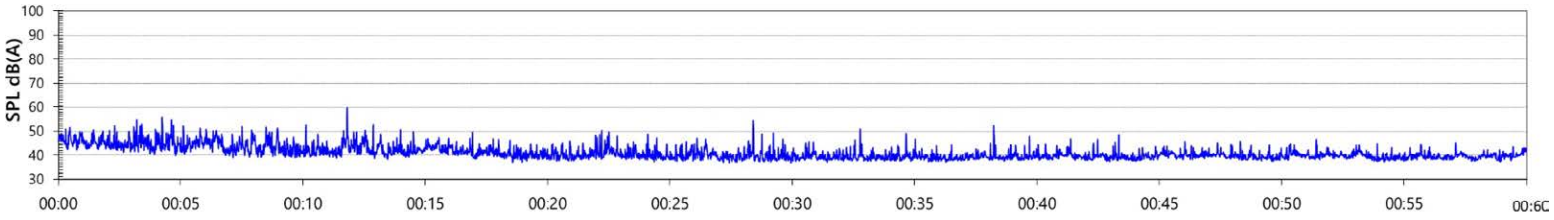
dBMAX Maximum Noise Level Analysis

Acoustics
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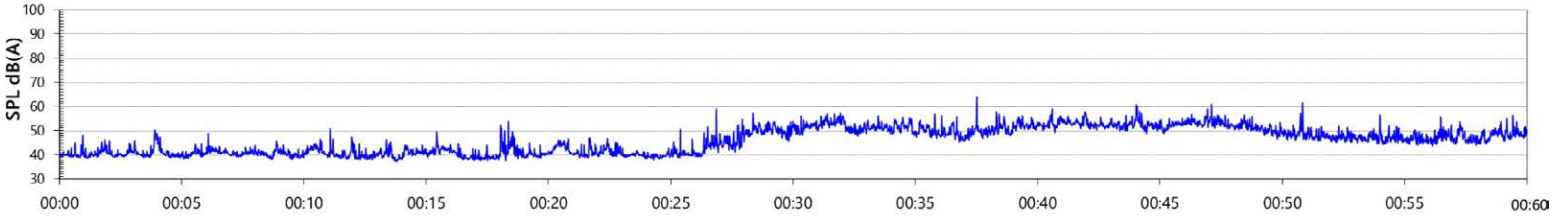
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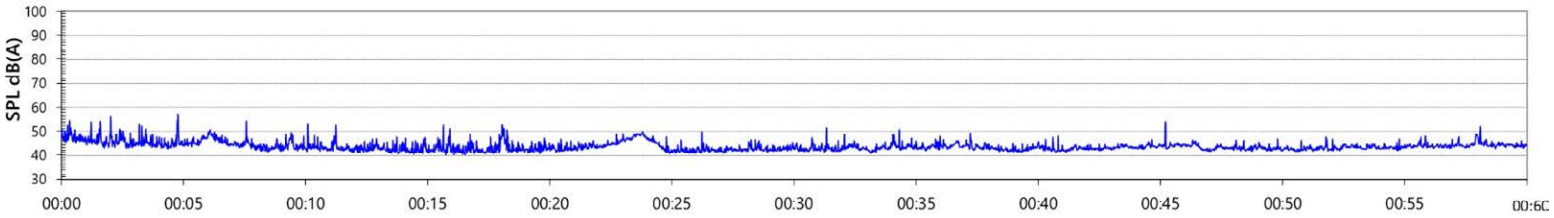
2am-3am



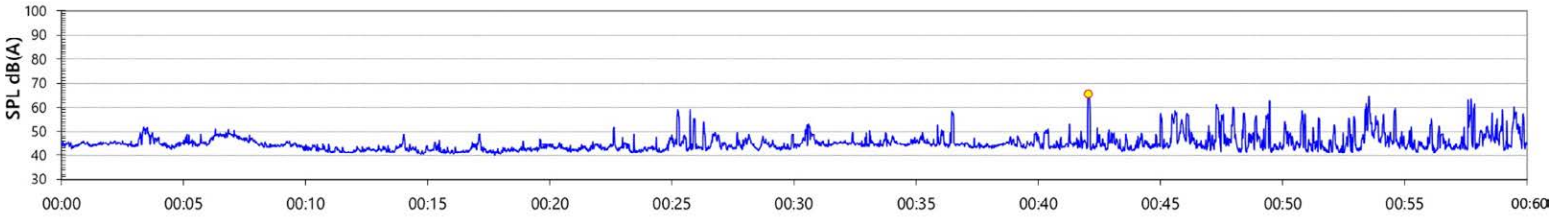
3am-4am



4am-5am



5am-6am



6am-7am

Template: QTE-01 dBMAX (r30)

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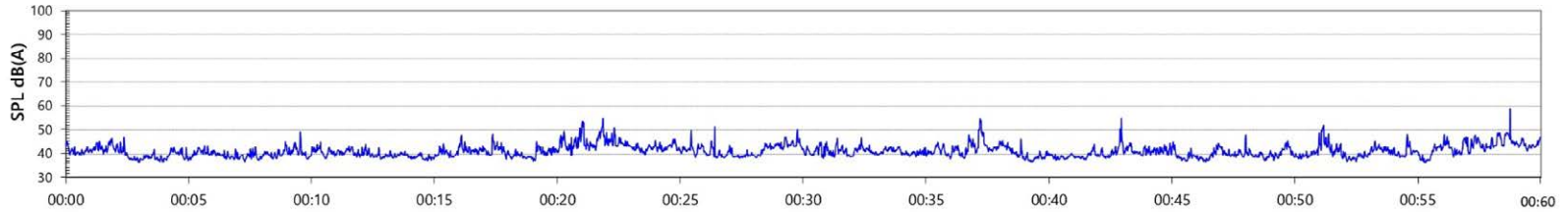
dBMAX Maximum Noise Level Analysis

Project Number: **TL081-01**
Address: 23 Walter Parade, Black Hill

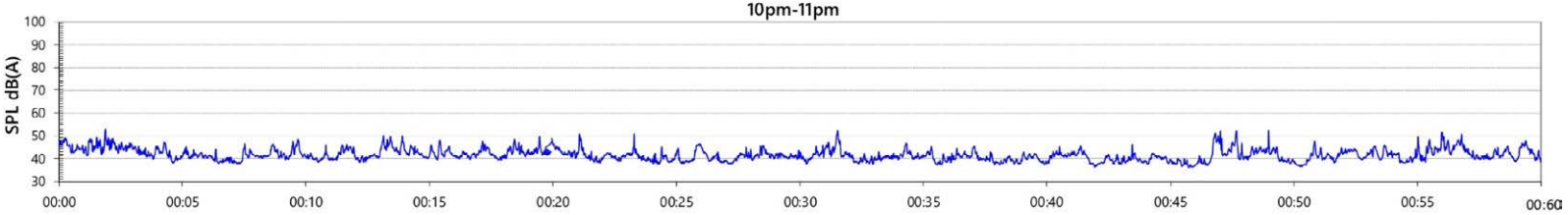
Start Date: Monday, 21 March 2016

LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A)

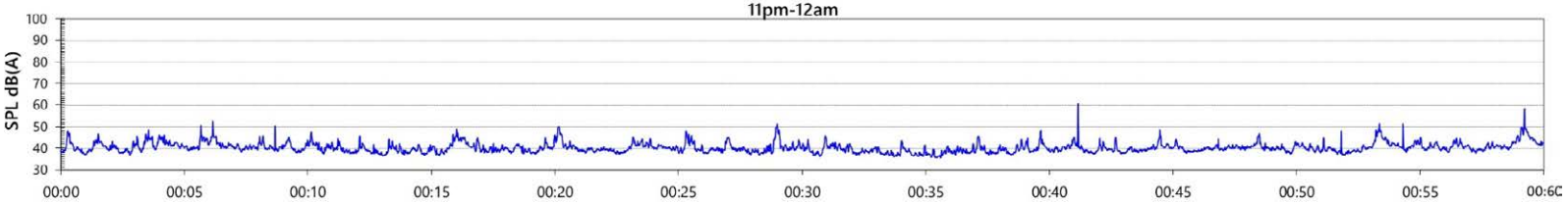
Summary Table	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	41.2	42.0	40.4	39.3	39.0	41.2	40.1	41.0	54.4	48.1
LA90	37.7	38.2	37.4	34.8	34.5	36.0	37.0	38.8	40.7	-
Lav max	-	-	-	-	-	71.1	-	-	72.9	72.0
No Events	0	0	0	0	0	1	0	0	43	44



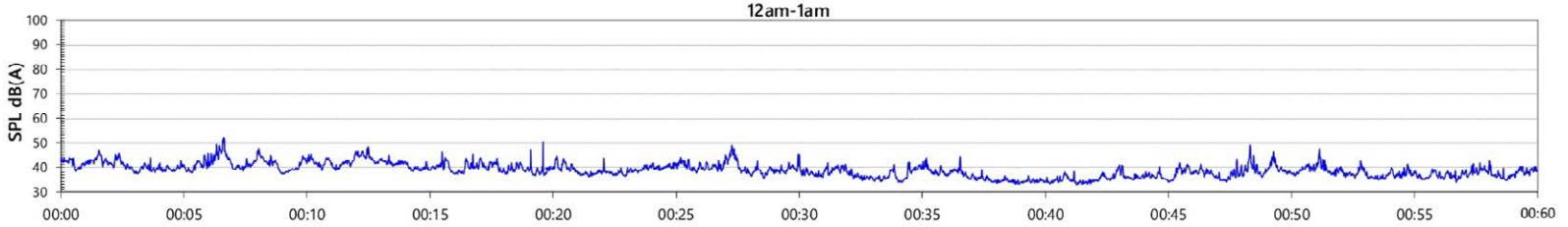
10pm-11pm



11pm-12am



12am-1am



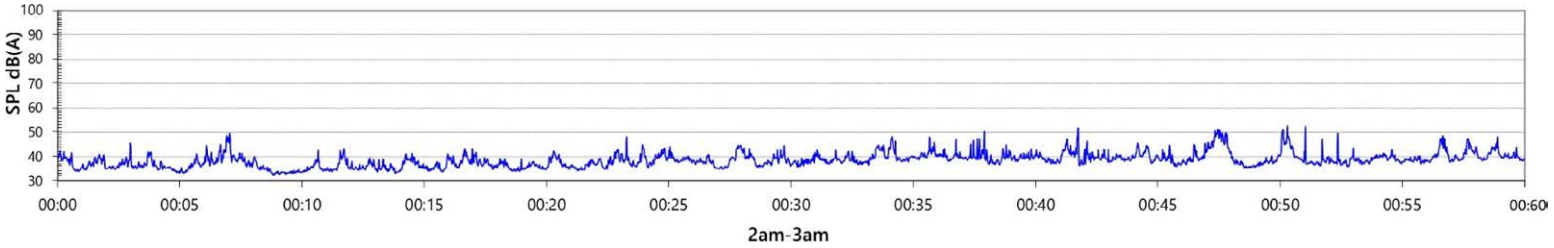
1am-2am

Template: QTE-01 dBMAX (r30)

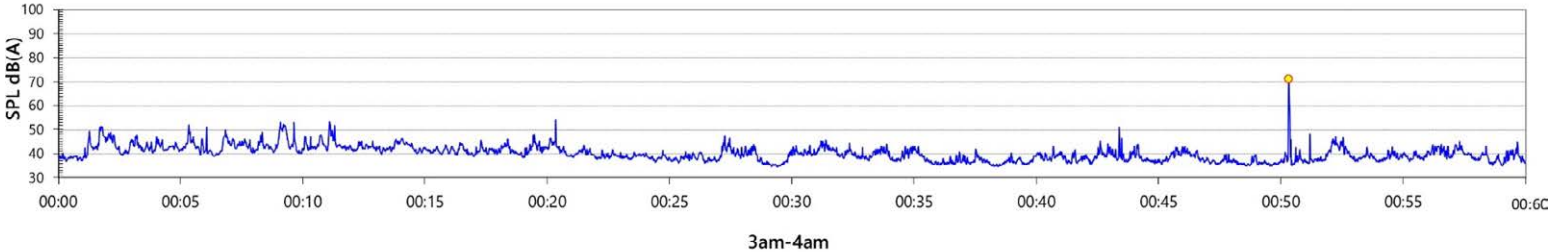
dBMAX Maximum Noise Level Analysis

Acoustics
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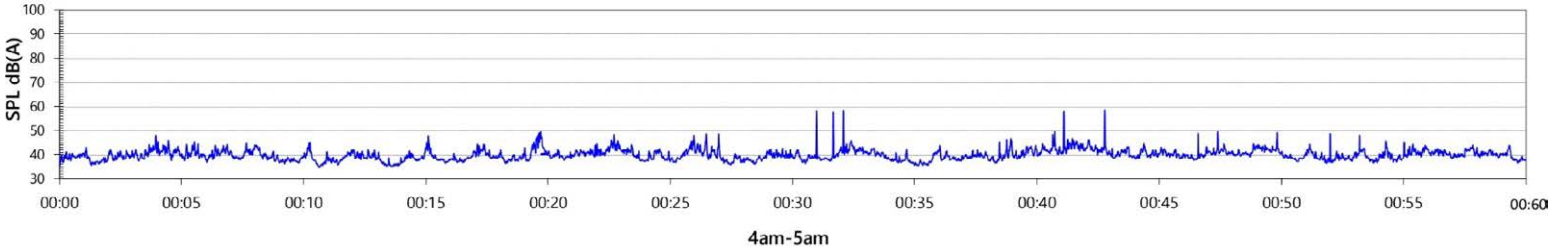
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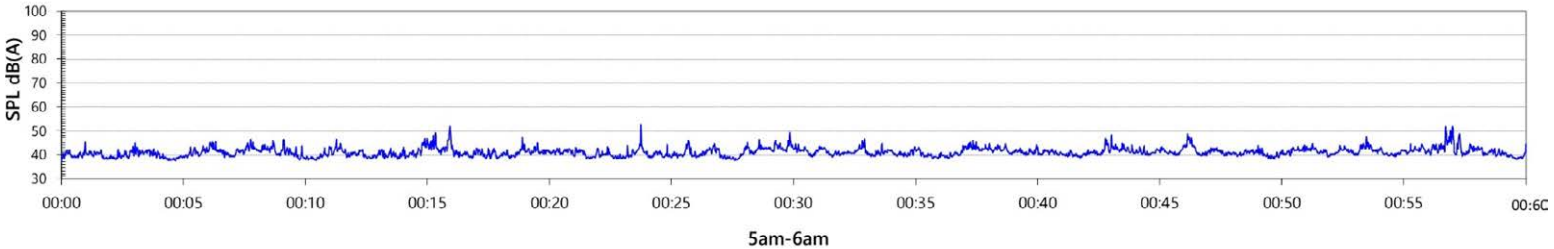
2am-3am



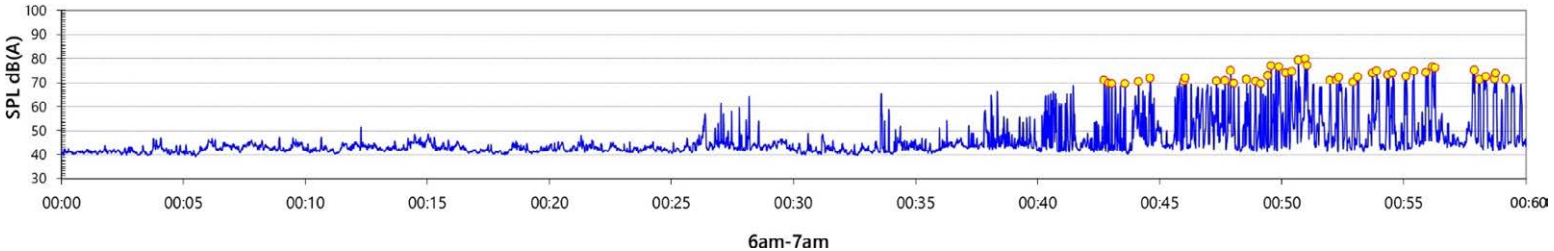
3am-4am



4am-5am



5am-6am



6am-7am

Template: QTE-01 dBMAX (r30)

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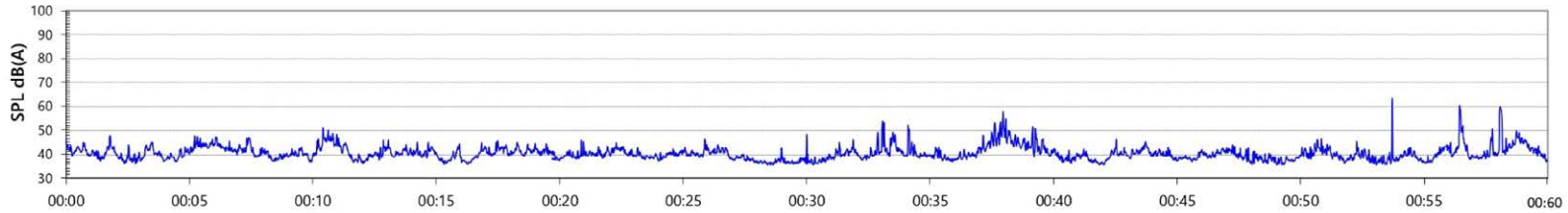
dBMAX Maximum Noise Level Analysis

Project Number: **TL081-01**
Address: 23 Walter Parade, Black Hill

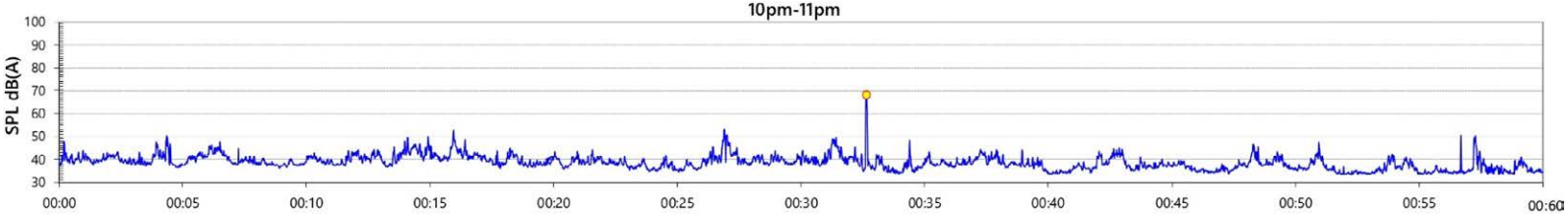
Start Date: Tuesday, 22 March 2016

LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A)

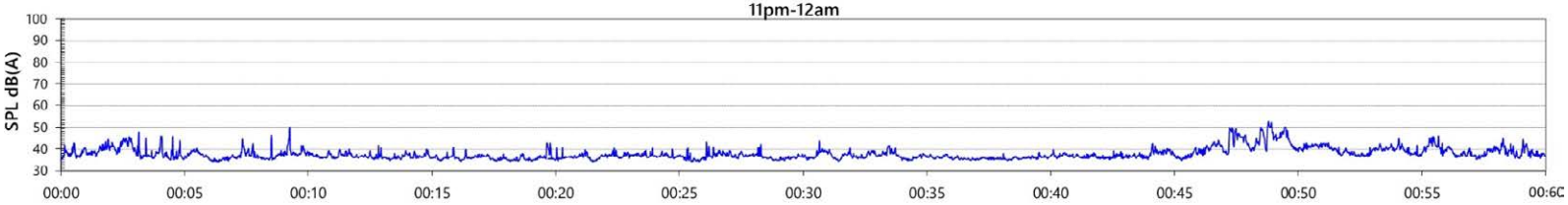
Summary Table	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	41.2	40.4	38.3	44.9	44.0	41.9	42.9	43.6	46.8	44.2
LA90	36.8	34.4	34.9	35.5	38.1	39.5	40.0	41.9	43.7	-
Lav max	-	68.2	-	74.3	75.0	-	-	-	-	72.5
No Events	0	1	0	2	1	0	0	0	0	4



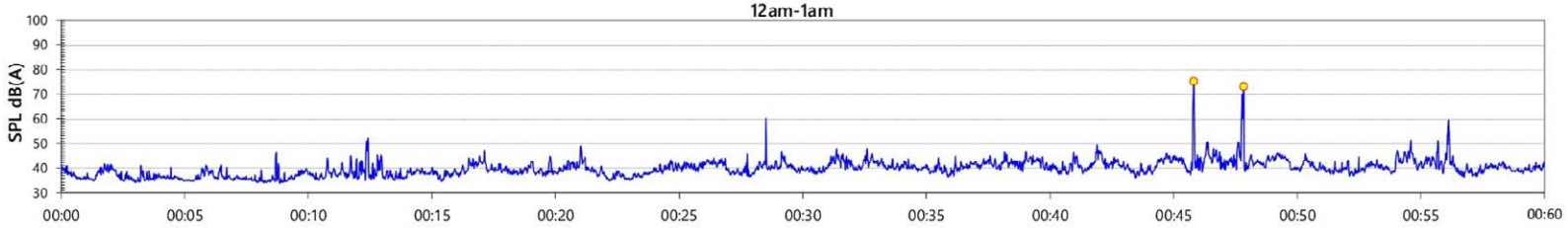
10pm-11pm



11pm-12am



12am-1am



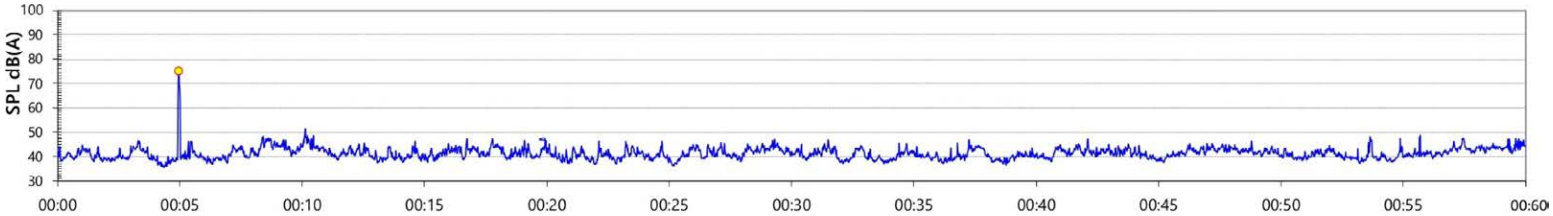
1am-2am

Template: QTE-01 dBMAX (r30)

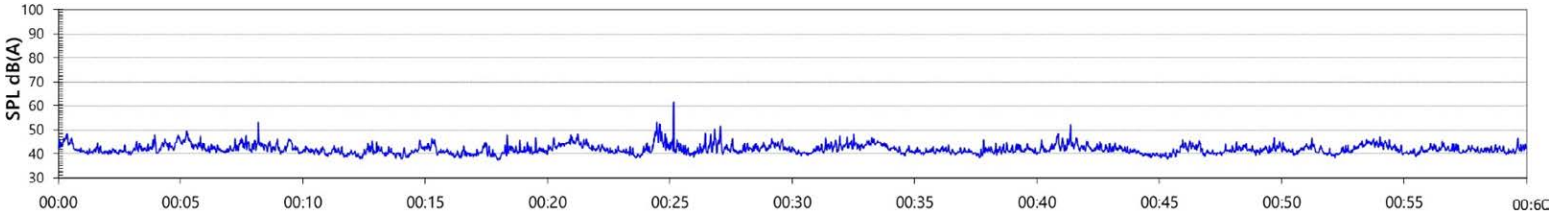
dBMAX Maximum Noise Level Analysis

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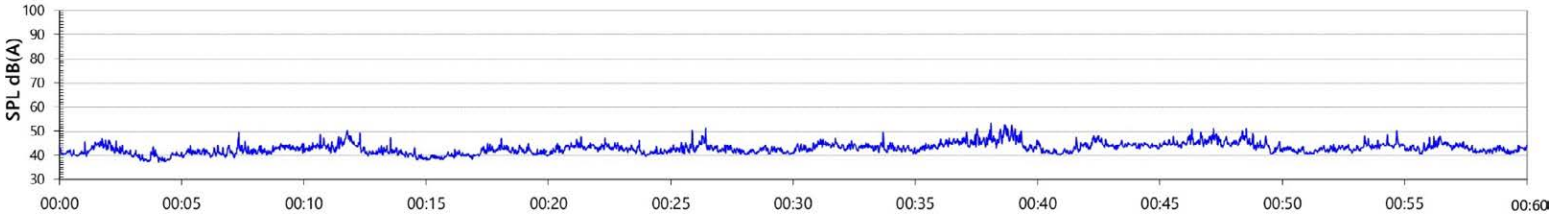
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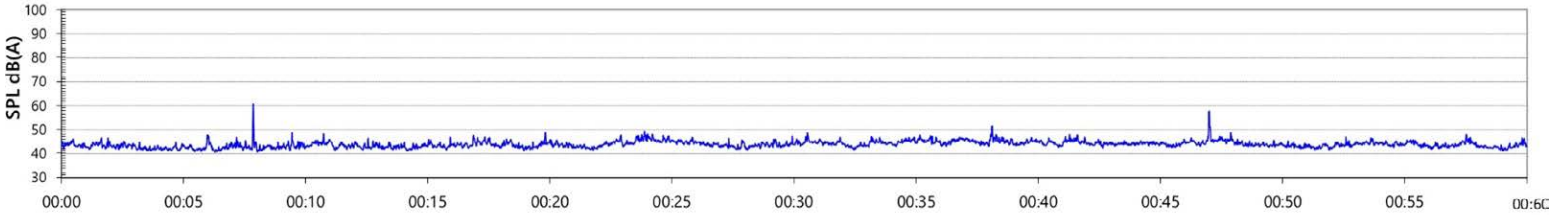
2am-3am



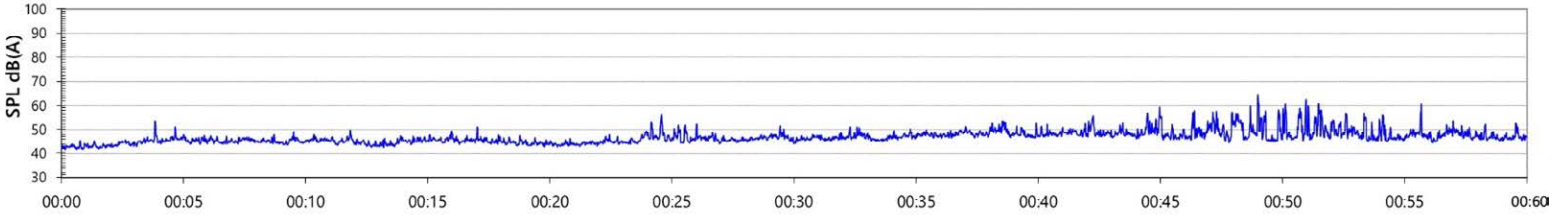
3am-4am



4am-5am



5am-6am



6am-7am

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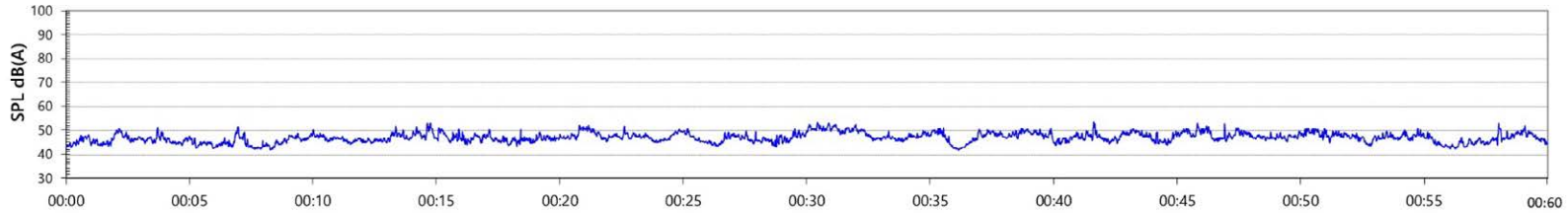
dBMAX Maximum Noise Level Analysis

Project Number: **TL081-01**
Address: 23 Walter Parade, Black Hill

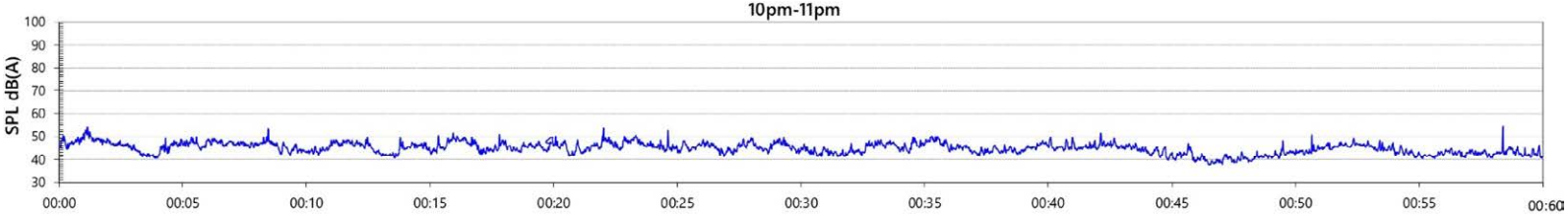
Start Date: Wednesday, 23 March 2016

LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A)

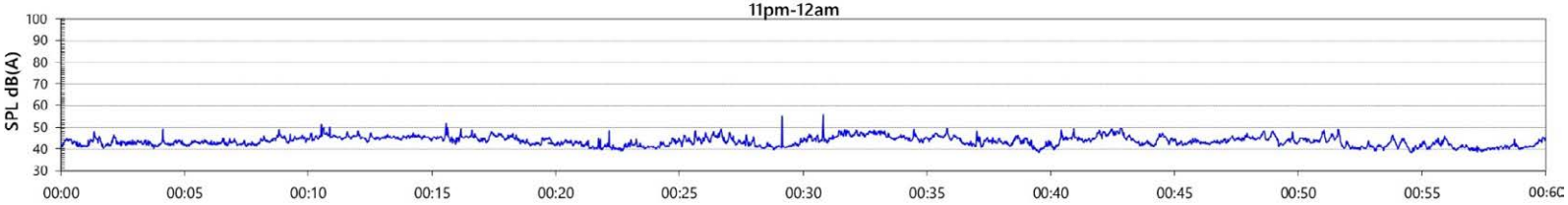
Summary Table	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	46.9	45.0	43.6	42.7	43.7	45.8	47.3	46.0	49.1	46.7
LA90	44.0	41.3	40.3	40.0	39.7	41.8	44.3	44.5	46.4	-
Lav max	-	-	-	-	-	-	-	-	-	#DIV/0!
No Events	0	0	0	0	0	0	0	0	0	0



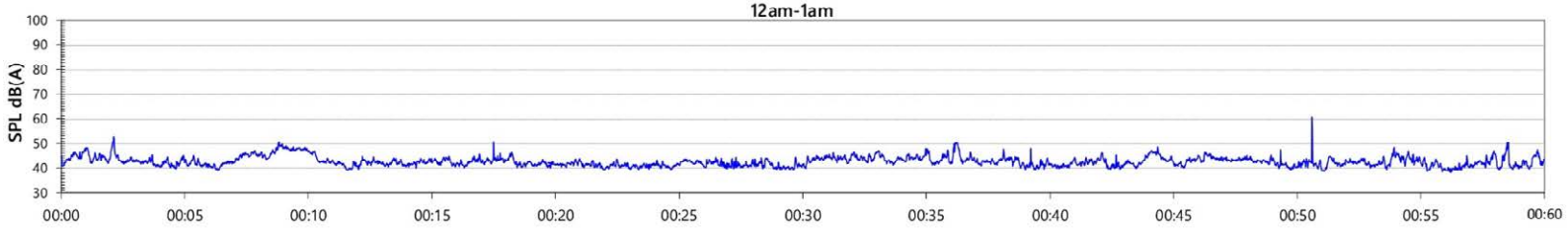
10pm-11pm



11pm-12am



12am-1am



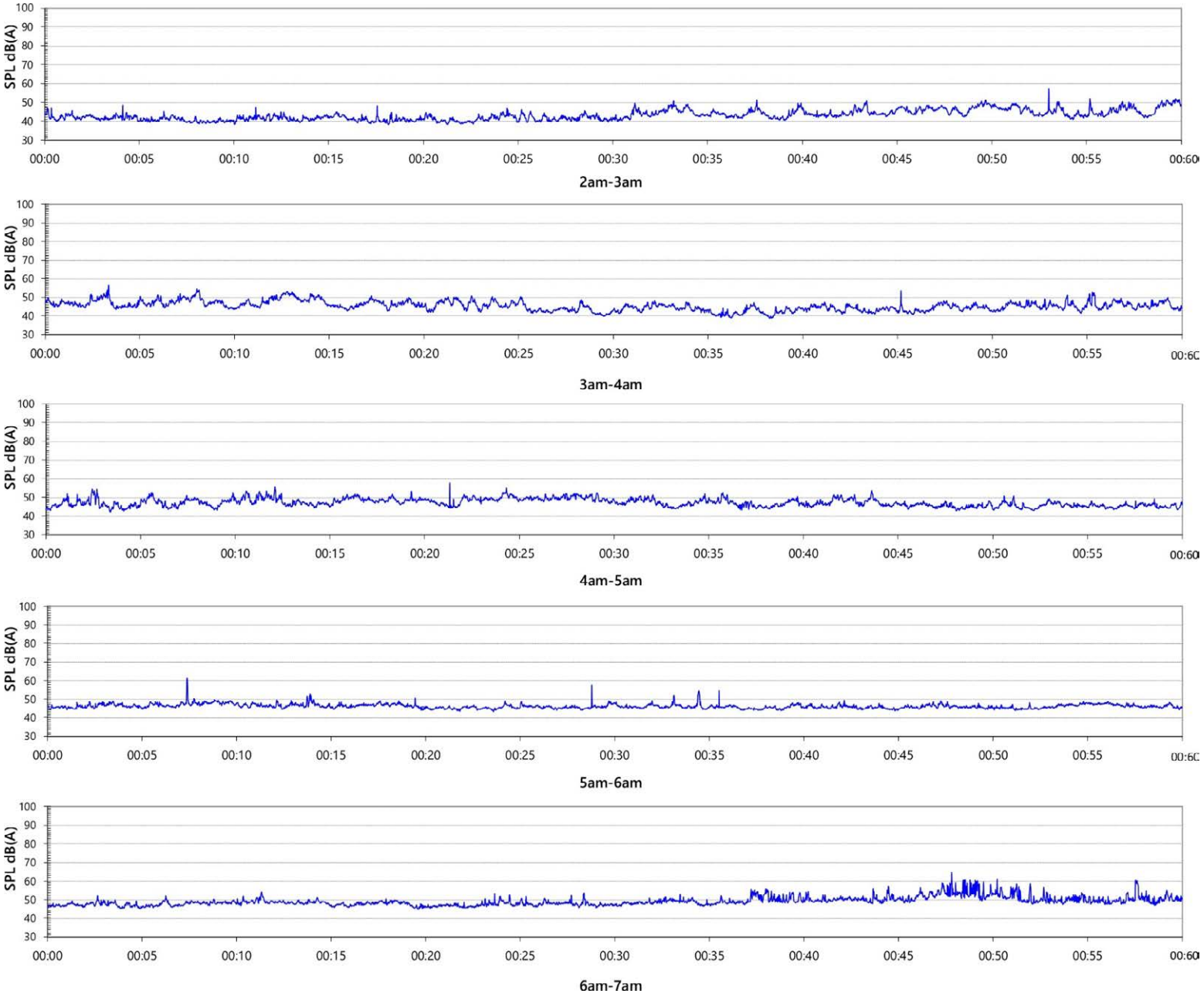
1am-2am

Template: QTE-01 dBMAX (r30)

dBMAX Maximum Noise Level Analysis

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dBMAX Maximum Noise Level Analysis

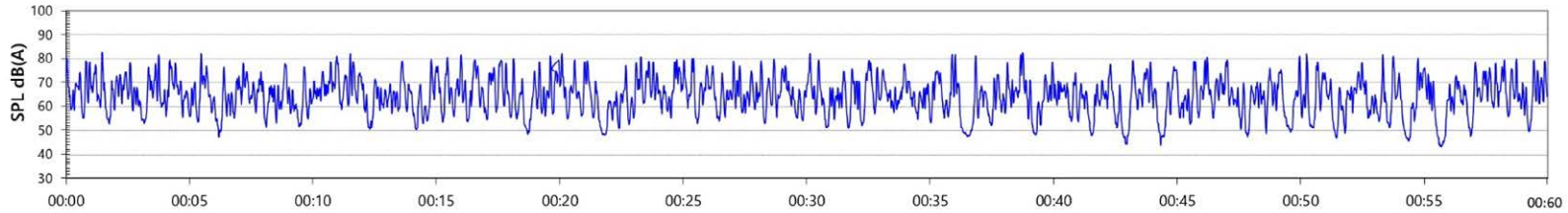
Project Number: **TL081-01**
Address: 70 New England Highway, Tarro

Start Date: Tuesday, 15 March 2016

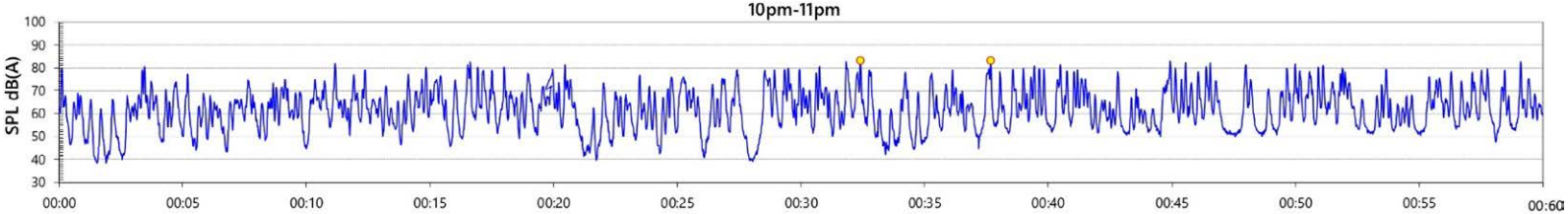
LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A)

Summary Table

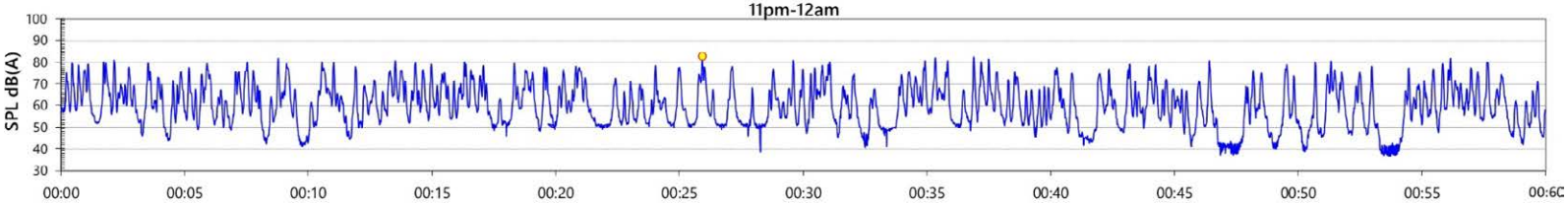
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	69.0	68.0	67.5	65.1	66.1	67.8	68.2	71.1	73.3	70.1
LA90	52.8	49.4	46.6	49.9	45.3	51.0	56.0	63.7	68.7	-
Lav max	-	83.3	82.8	80.9	81.4	-	-	-	-	82.1
No Events	0	2	1	10	2	0	0	0	0	15



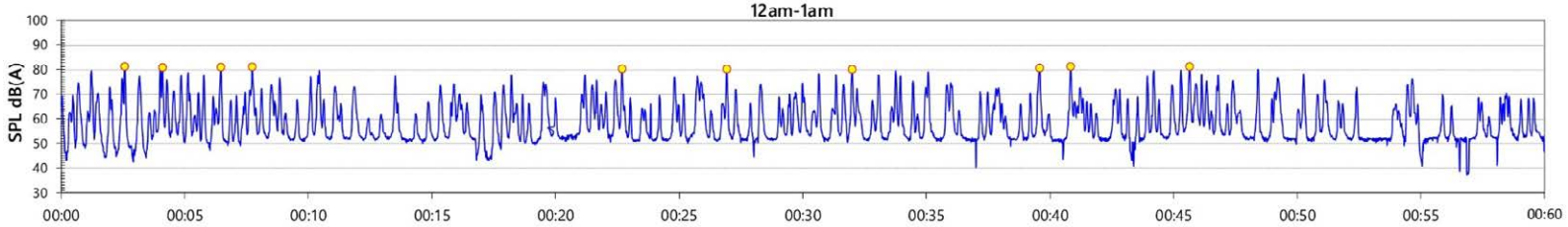
10pm-11pm



11pm-12am



12am-1am



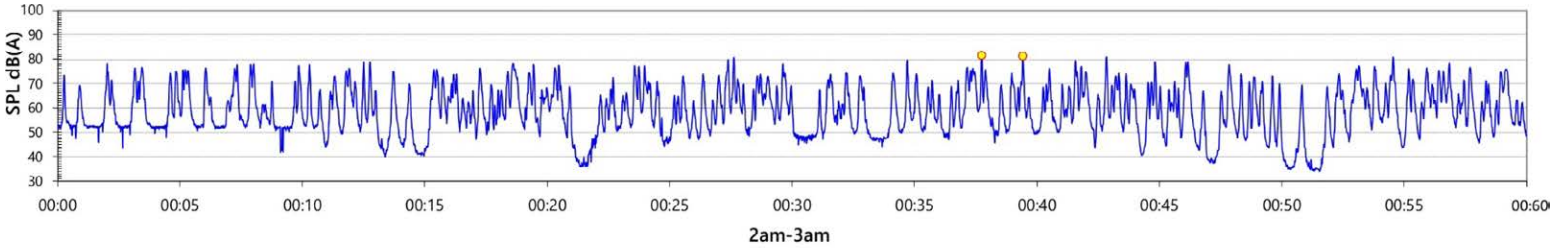
1am-2am

Template: QTE-01 dBMAX (r30)

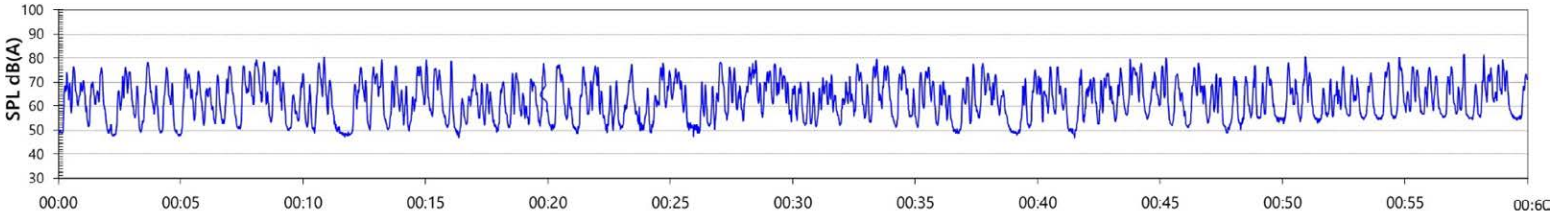
dBMAX Maximum Noise Level Analysis

Acoustics
Vibration
Structural Dynamics

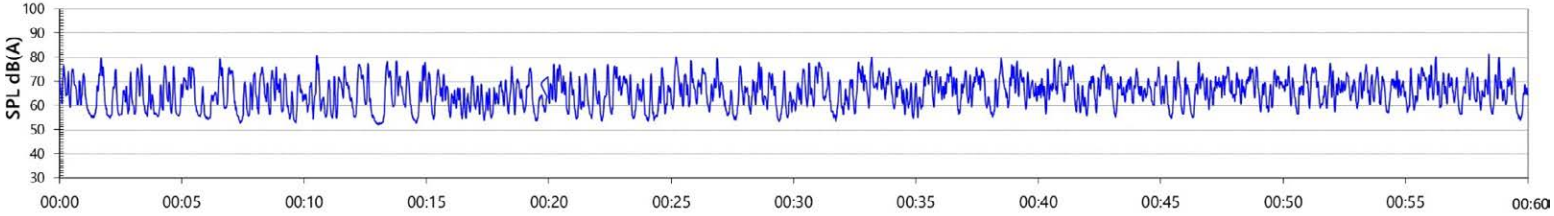
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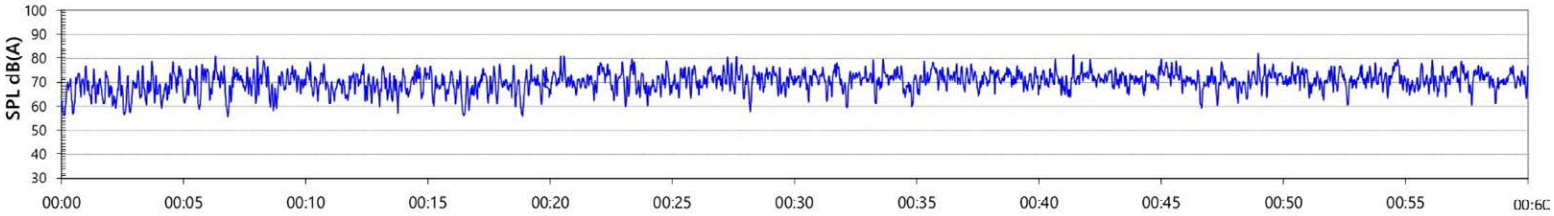
2am-3am



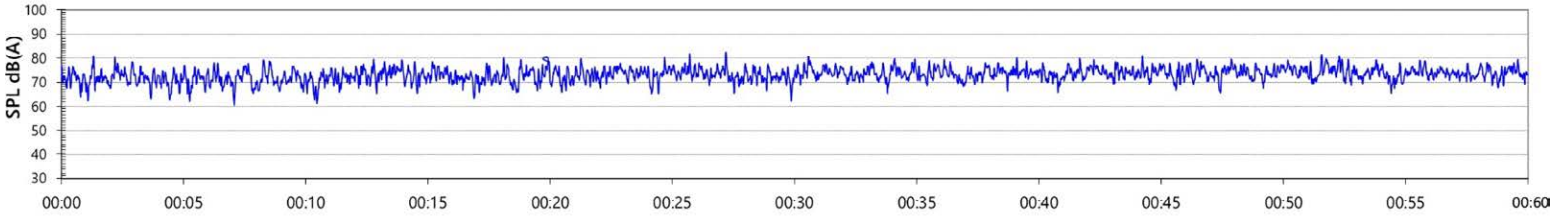
3am-4am



4am-5am



5am-6am



6am-7am

Template: QTE-01 dBMAX (r30)

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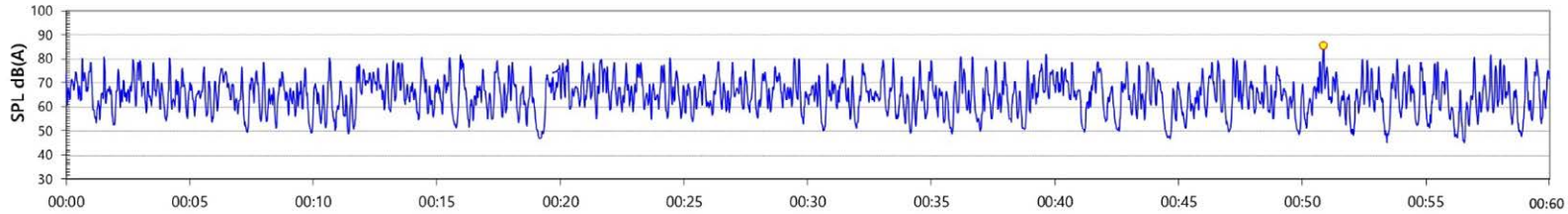
Project Number: **TL081-01**
Address: 70 New England Highway, Tarro

Start Date: Wednesday, 16 March 2016

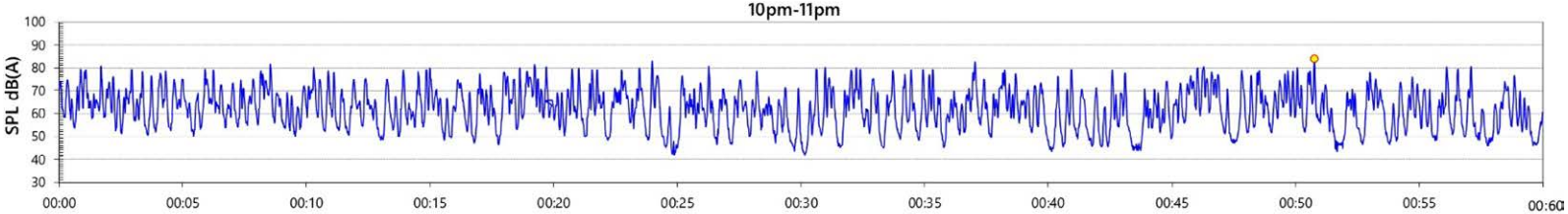
LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A)

Summary Table

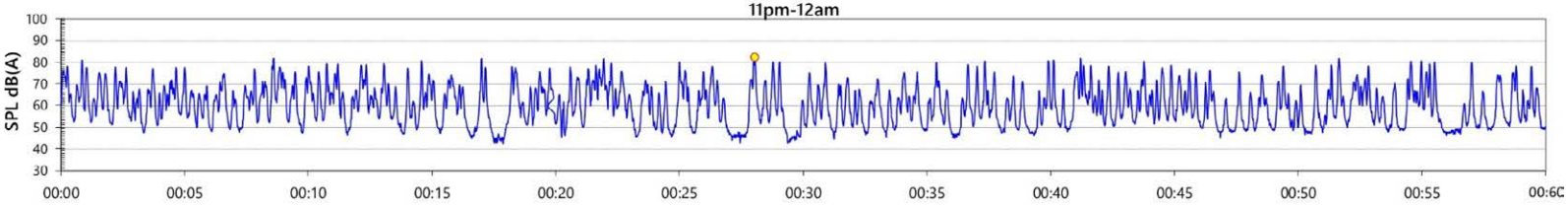
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	69.0	68.0	67.1	66.3	66.3	68.0	69.7	73.0	73.3	70.9
LA90	53.9	49.1	47.6	46.2	46.0	51.2	56.4	65.5	68.9	-
Lav max	85.7	84.0	82.4	81.8	82.3	83.8	-	-	-	83.3
No Events	1	1	1	3	3	1	0	0	0	10



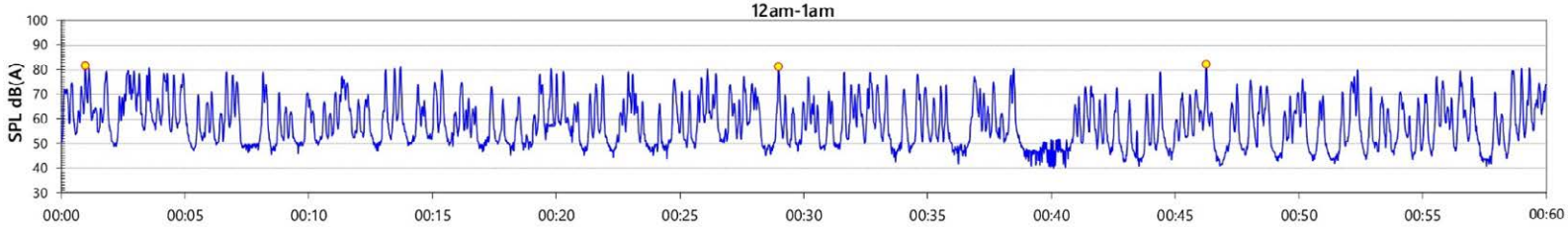
10pm-11pm



11pm-12am



12am-1am



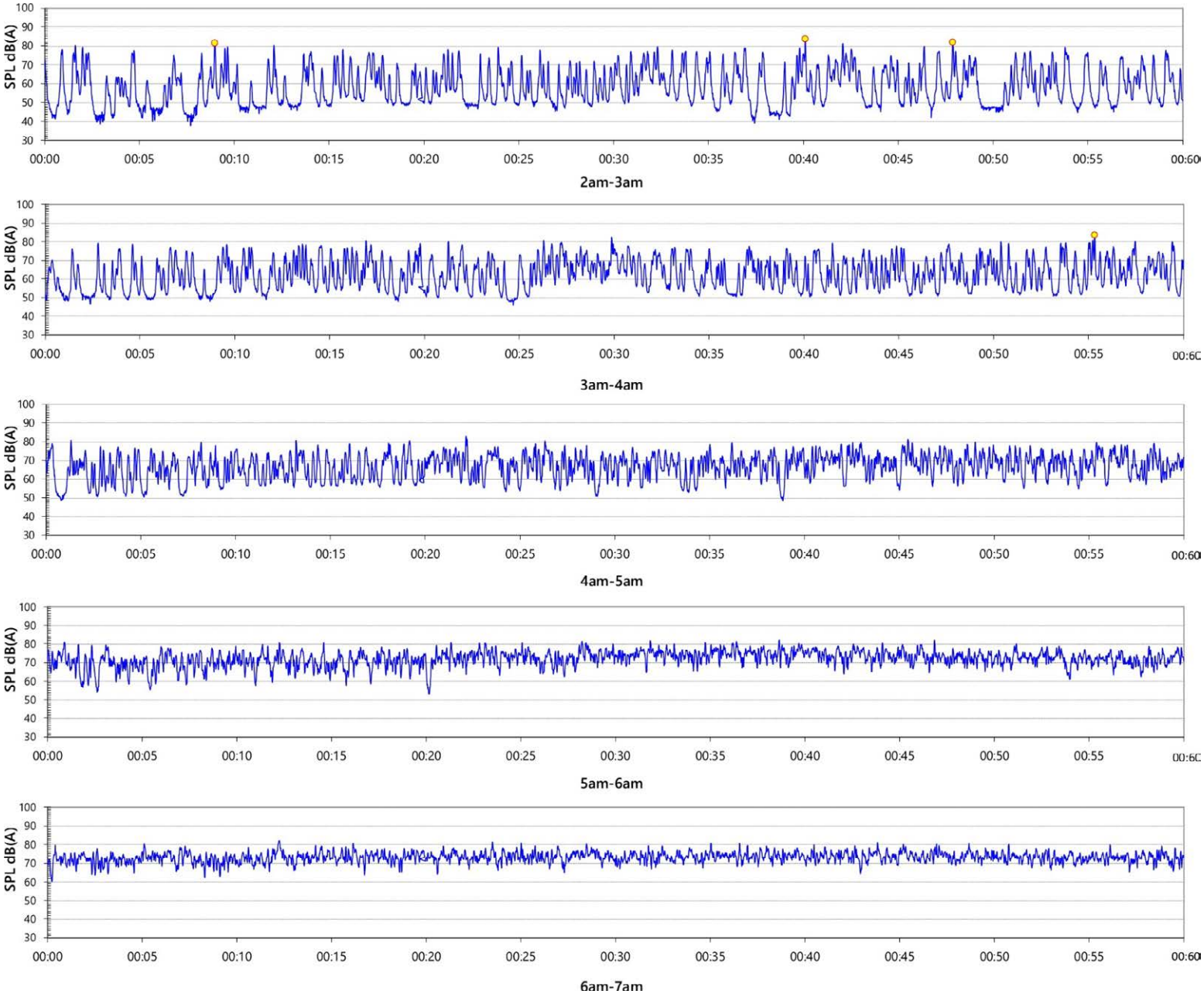
1am-2am

Template: QTE-01 dBMAX (r30)

dBMAX Maximum Noise Level Analysis

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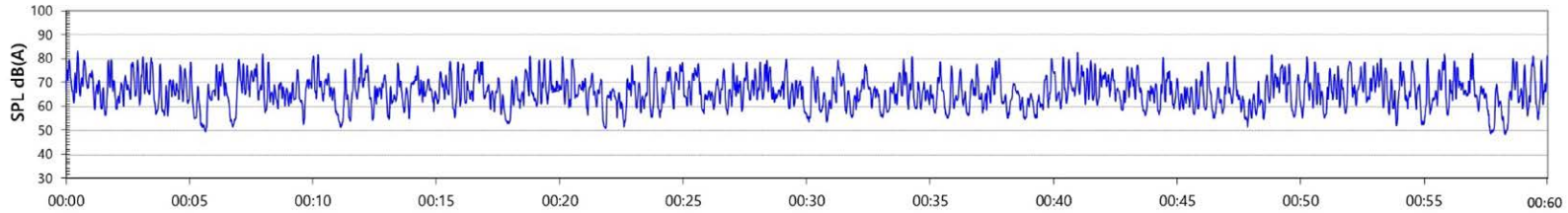
dBMAX Maximum Noise Level Analysis

Project Number: **TL081-01**
Address: 70 New England Highway, Tarro

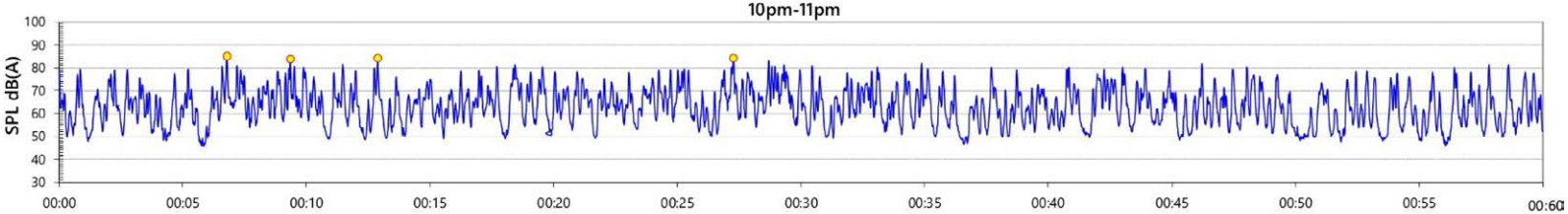
Start Date: Thursday, 17 March 2016

LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A)

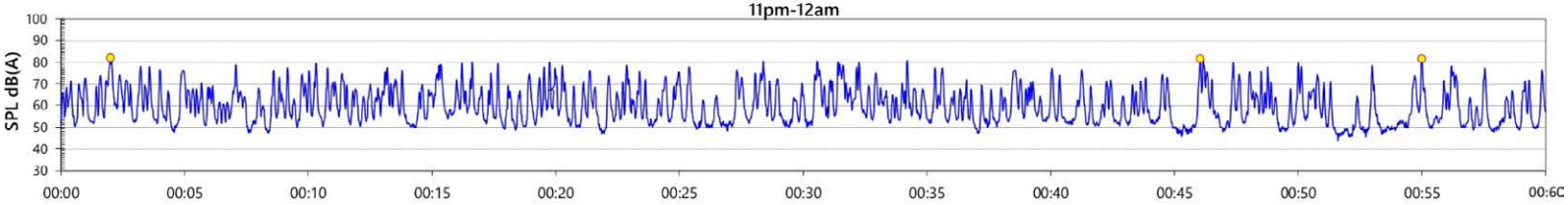
Summary Table	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	69.5	68.7	66.3	65.9	66.3	67.0	69.0	71.3	72.6	69.9
LA90	56.9	51.3	49.6	48.9	49.3	51.0	55.3	64.0	68.0	-
Lav max	-	84.3	81.8	82.2	86.6	83.2	-	-	-	83.6
No Events	0	4	3	7	2	1	0	0	0	17



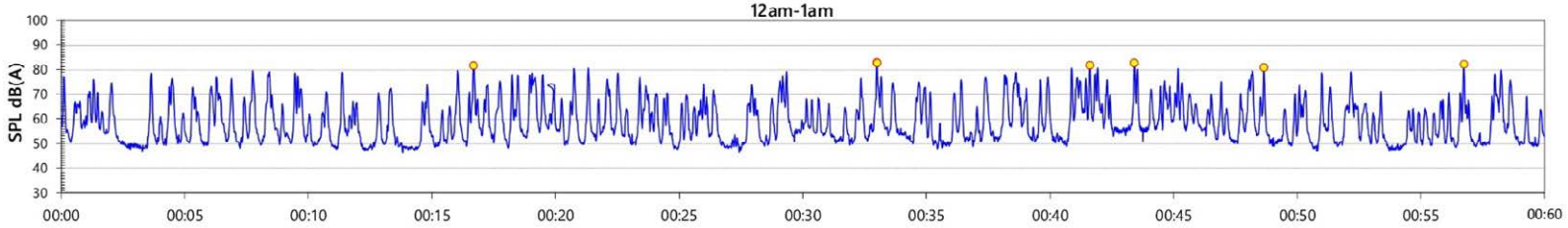
10pm-11pm



11pm-12am



12am-1am



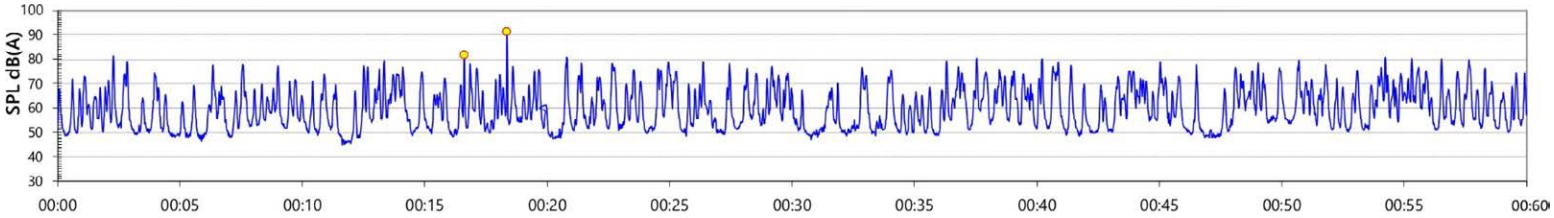
1am-2am

Template: QTE-01 dBMAX (r30)

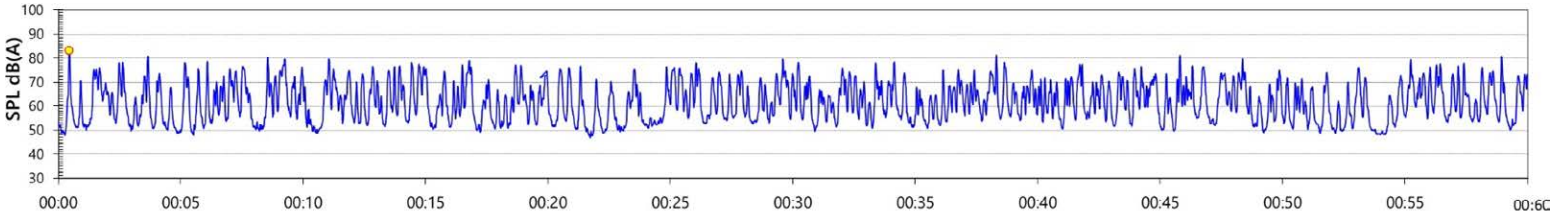
dBMAX Maximum Noise Level Analysis

Acoustics
Vibration
Structural Dynamics

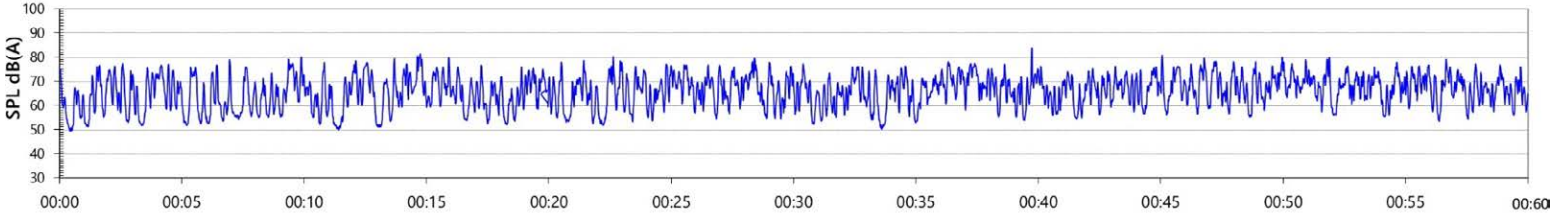
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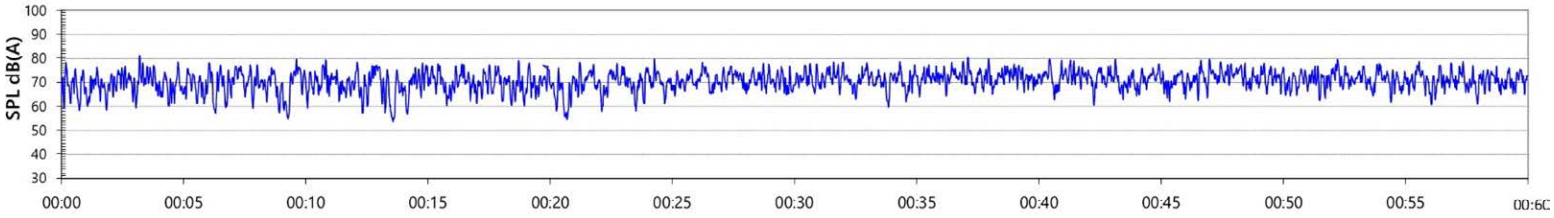
2am-3am



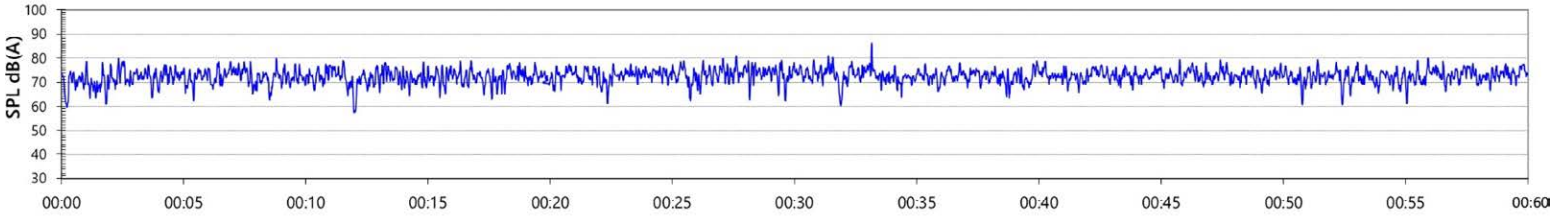
3am-4am



4am-5am



5am-6am



6am-7am

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dBMAX Maximum Noise Level Analysis

Acoustics
Vibration
Structural Dynamics

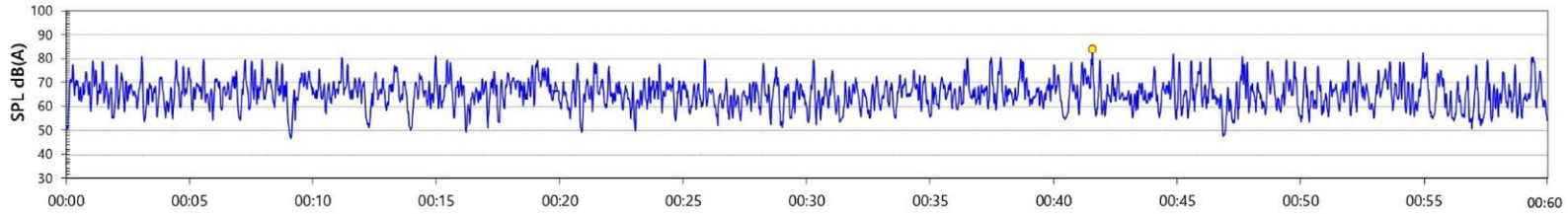
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Project Number: **TL081-01**
Address: 70 New England Highway, Tarro

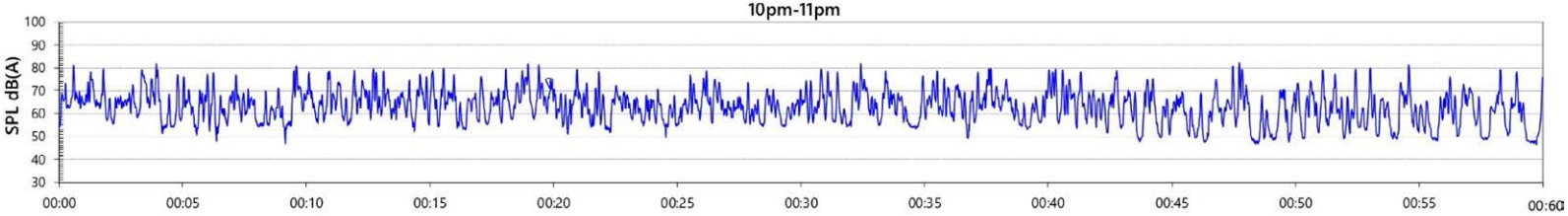
Start Date: Friday, 18 March 2016

LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A)

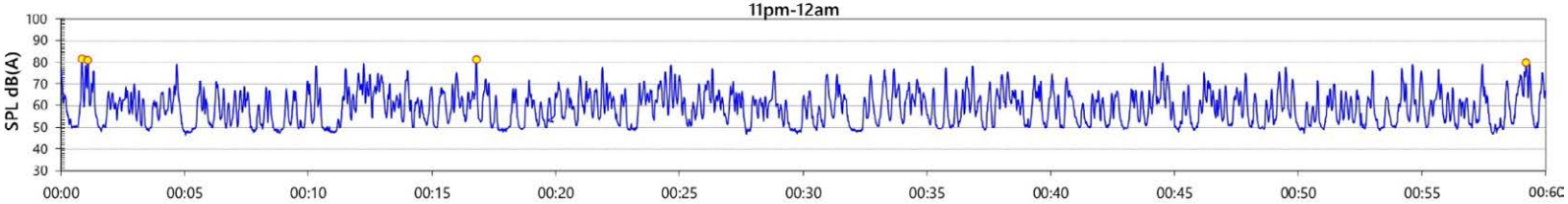
Summary Table										
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	68.2	67.2	64.5	64.4	64.1	64.2	65.5	67.3	68.8	66.4
A90	56.4	52.8	49.0	46.6	46.7	46.4	48.7	53.6	58.5	-
Lav max	83.9	-	80.9	80.3	80.4	80.3	80.7	-	-	81.1
No Events	1	0	4	15	10	5	1	0	0	36



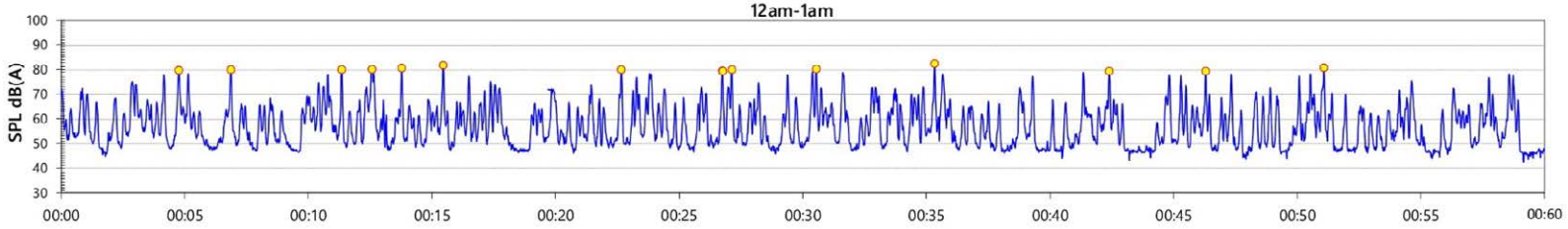
10pm-11pm



11pm-12am



12am-1am



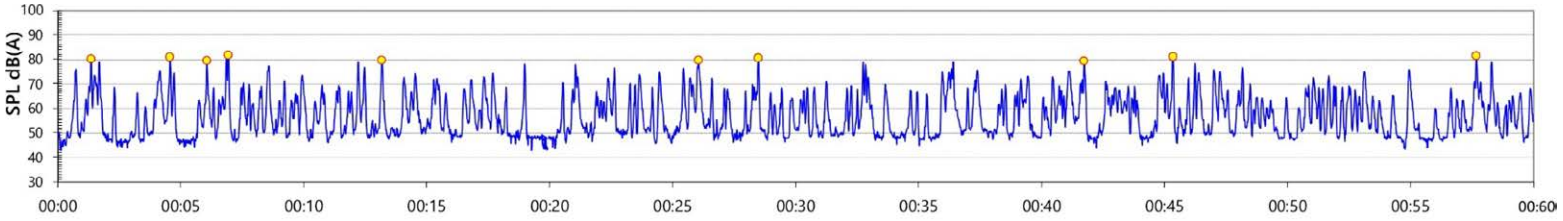
1am-2am

Template: QTE-01 dBMAX (r30)

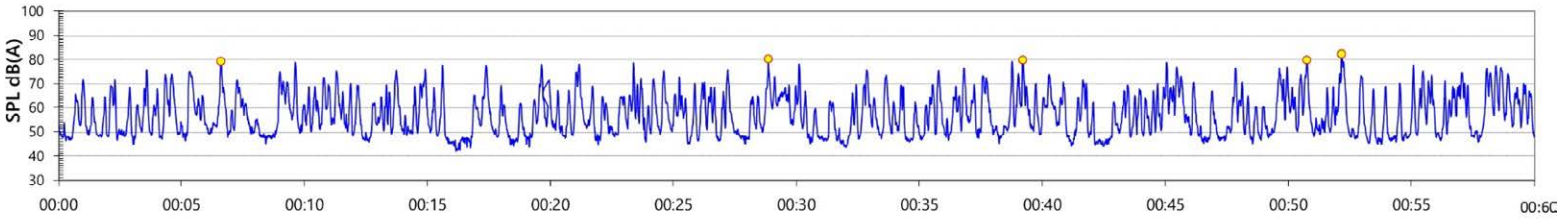
dBMAX Maximum Noise Level Analysis

Acoustics
Vibration
Structural Dynamics

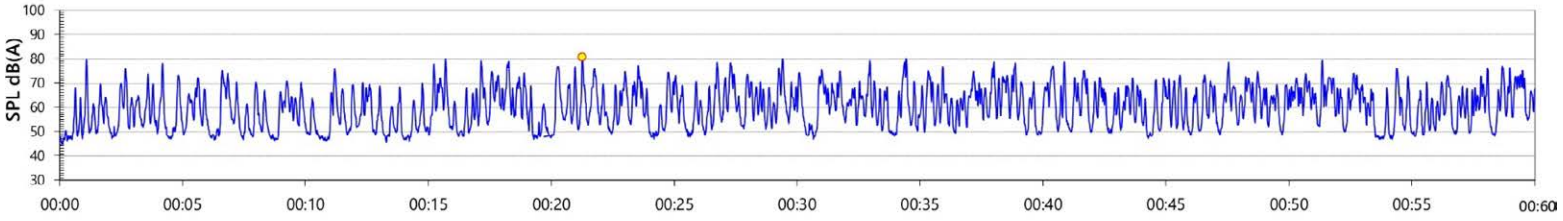
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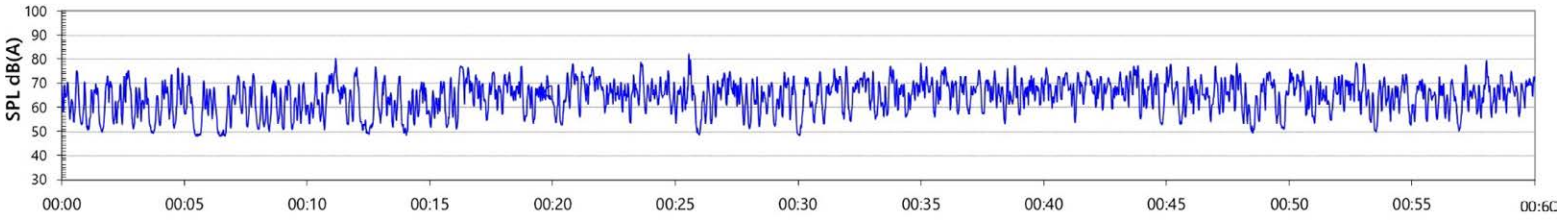
2am-3am



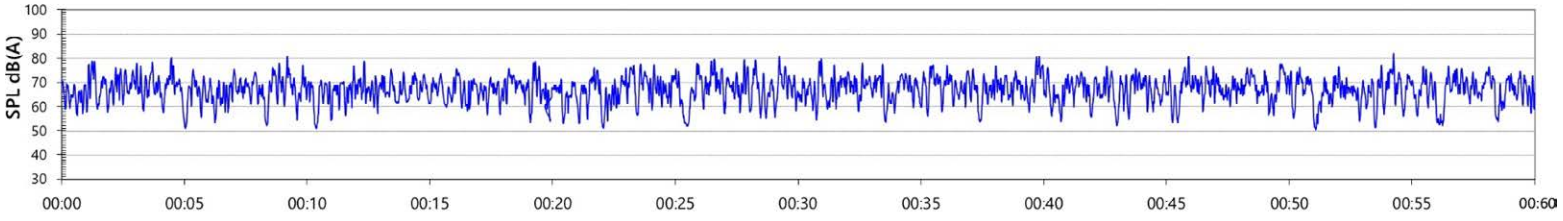
3am-4am



4am-5am



5am-6am



6am-7am

Template: QTE-01 dBMAX (r30)

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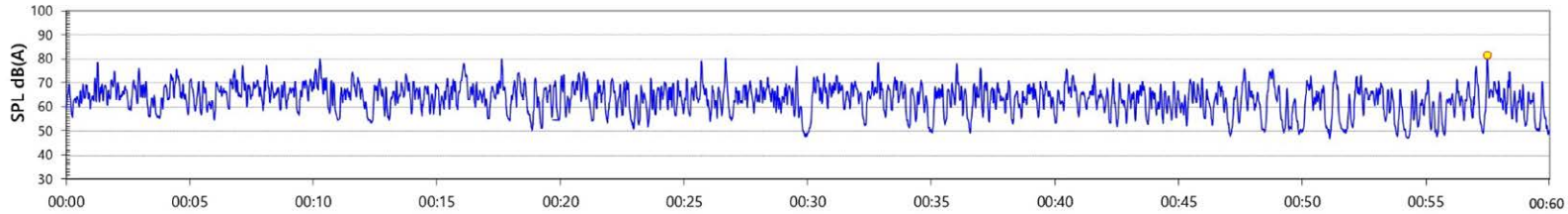
dBMAX Maximum Noise Level Analysis

Project Number: **TL081-01**
Address: 70 New England Highway, Tarro

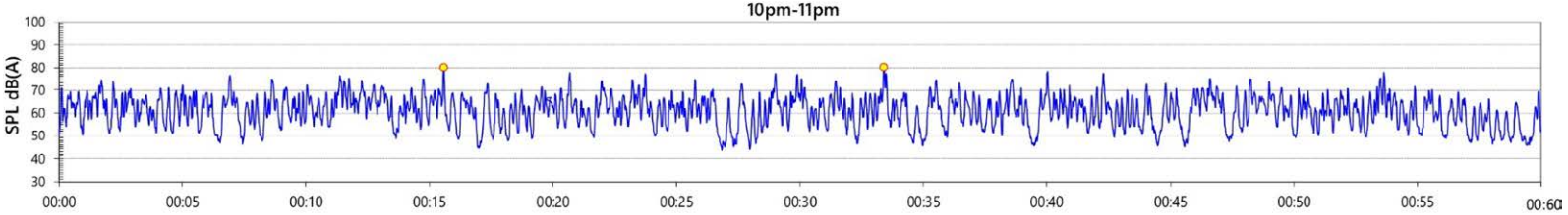
Start Date: Saturday, 19 March 2016

LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A)

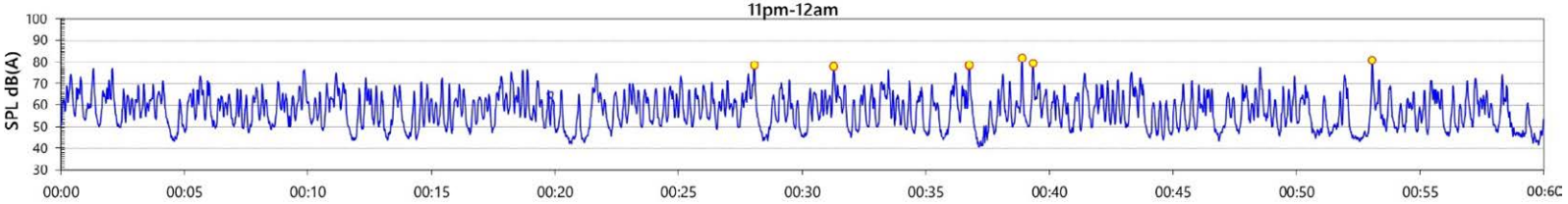
Summary Table	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	65.8	64.5	62.9	61.6	61.2	60.0	62.1	64.7	65.8	63.3
LA90	53.8	50.2	46.6	42.9	43.3	40.4	43.7	49.5	53.9	-
Lav max	81.6	80.2	79.4	77.8	78.2	78.0	78.2	80.4	82.9	79.6
No Events	1	2	7	12	8	7	7	3	1	48



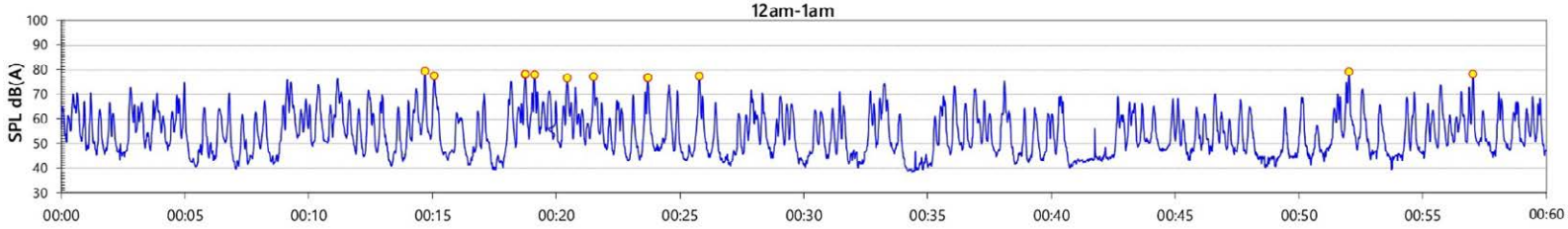
10pm-11pm



11pm-12am



12am-1am



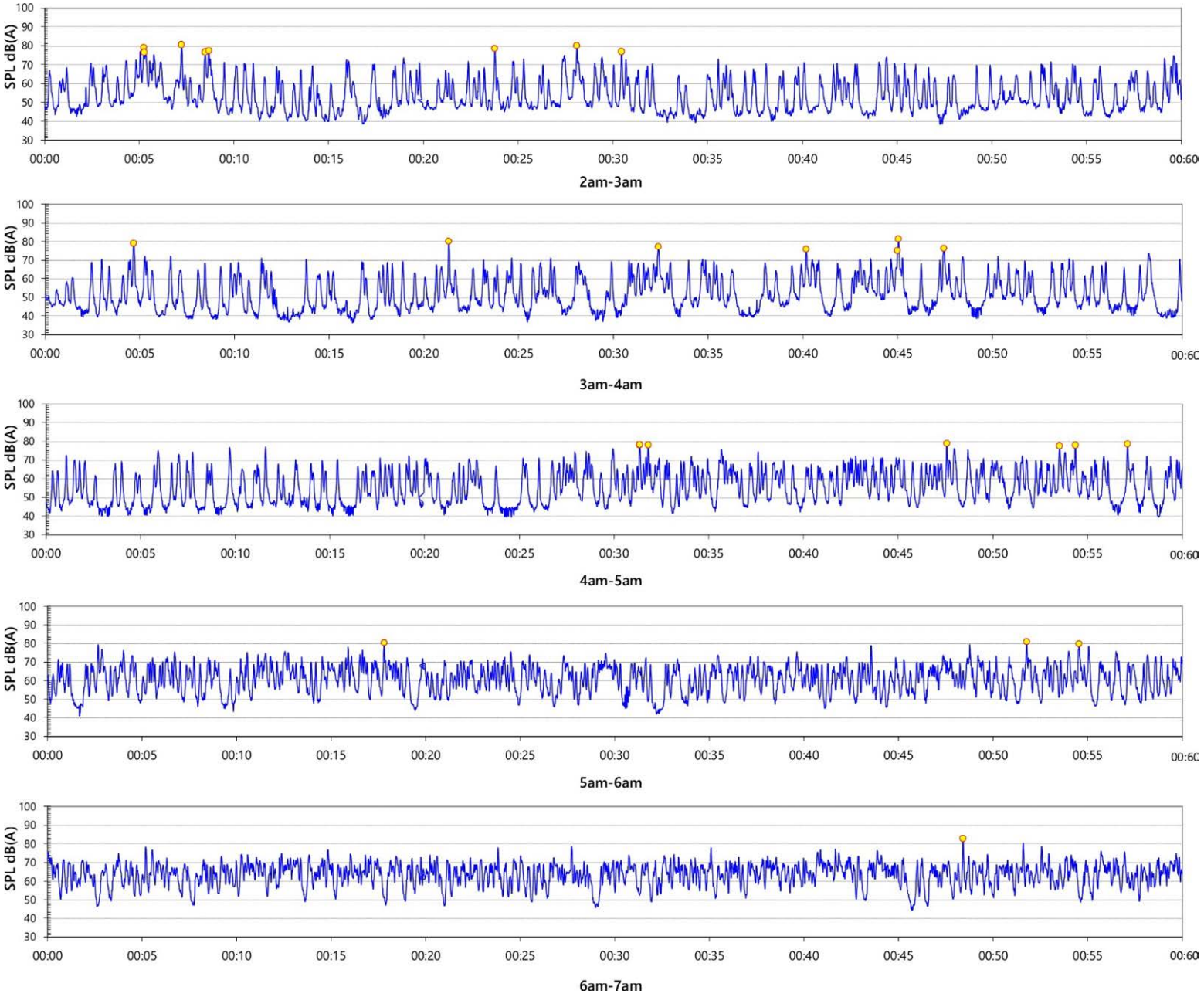
1am-2am

Template: QTE-01 dBMAX (r30)

dBMAX Maximum Noise Level Analysis

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dBMAX Maximum Noise Level Analysis

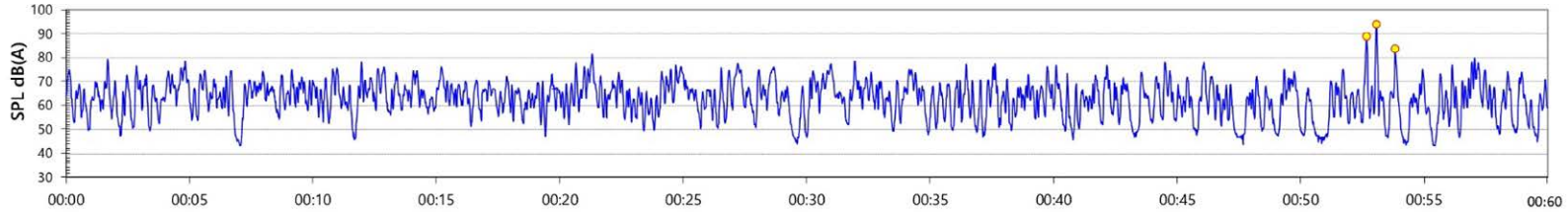
Project Number: **TL081-01**
Address: 70 New England Highway, Tarro

Start Date: Sunday, 20 March 2016

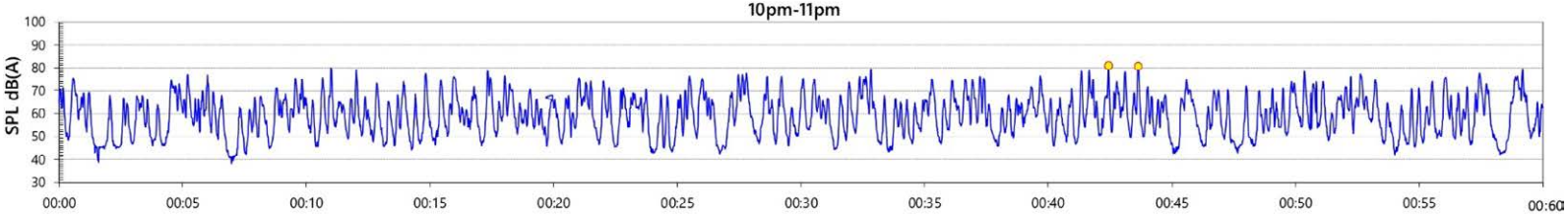
LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A)

Summary Table

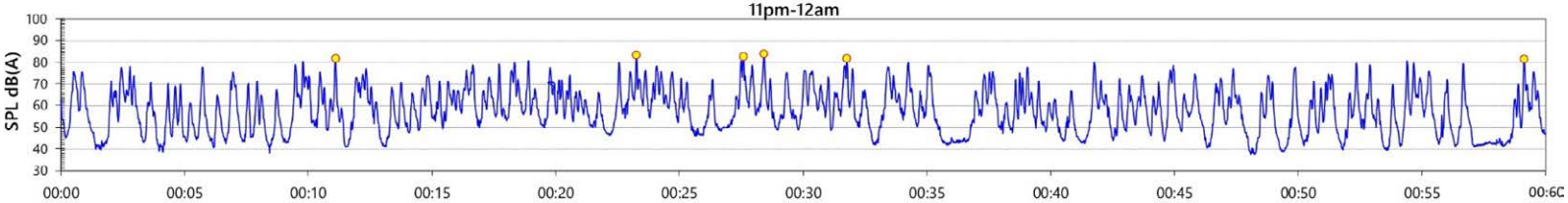
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	67.8	65.5	66.4	65.3	66.9	66.7	69.5	71.7	73.0	70.3
LA90	50.6	46.5	42.8	42.9	52.4	50.5	55.8	65.2	68.7	-
Lav max	88.9	80.8	82.5	80.4	82.3	-	-	-	-	83.0
No Events	3	2	6	3	1	0	0	0	0	15



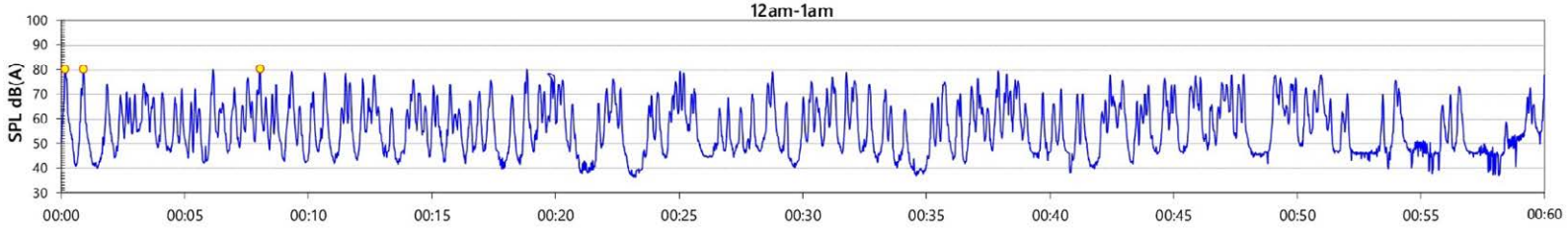
10pm-11pm



11pm-12am



12am-1am



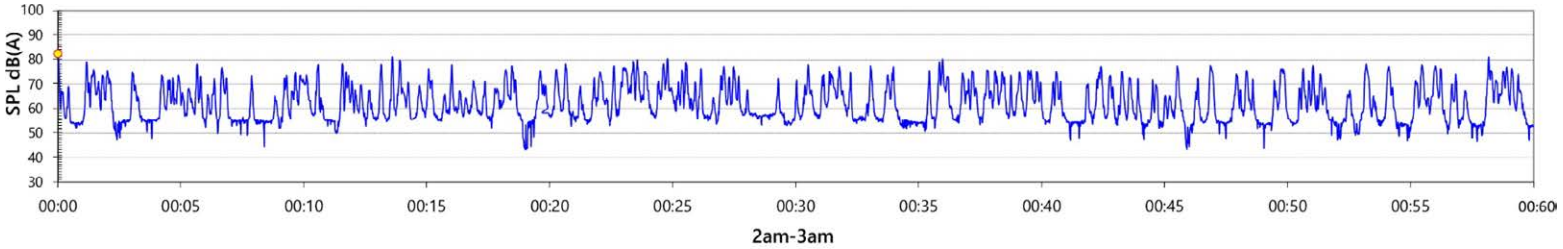
1am-2am

Template: QTE-01 dBMAX (r30)

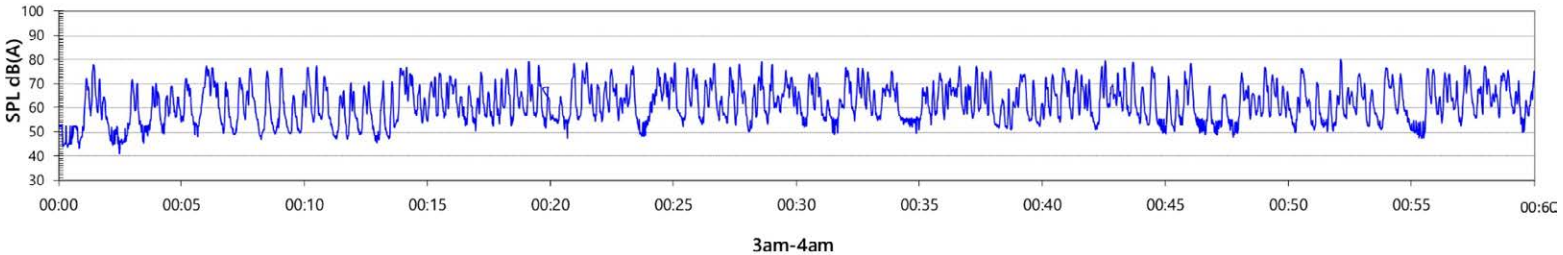
dBMAX Maximum Noise Level Analysis

Acoustics
Vibration
Structural Dynamics

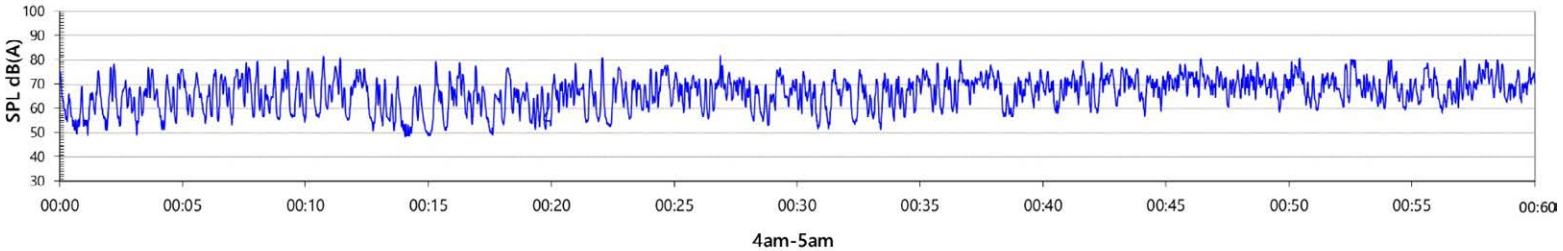
sydney@renzotonin.com.au
www.renzotonin.com.au



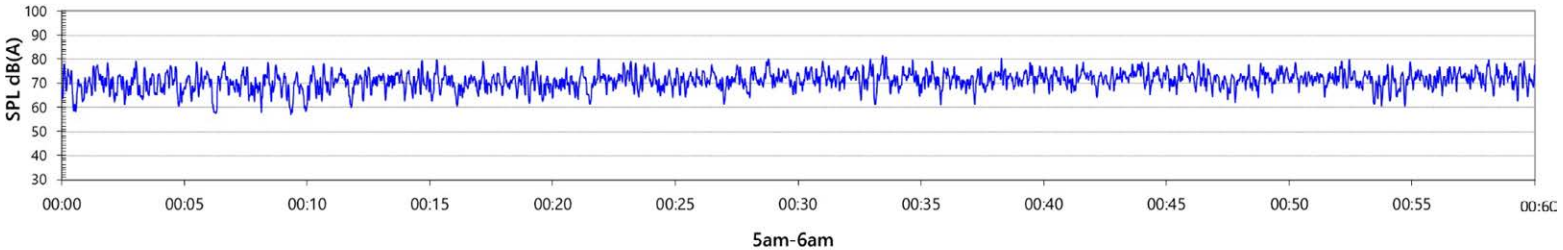
2am-3am



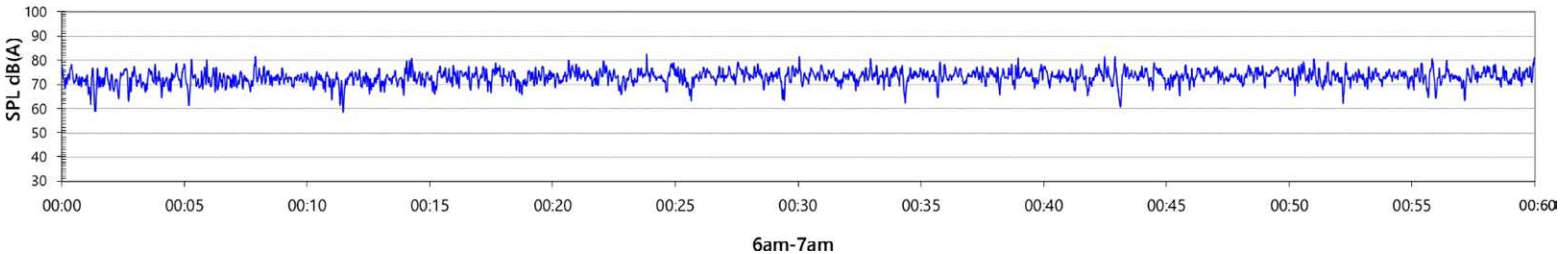
3am-4am



4am-5am



5am-6am



6am-7am

Template: QTE-01 dBMAX (r30)

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dBMAX Maximum Noise Level Analysis

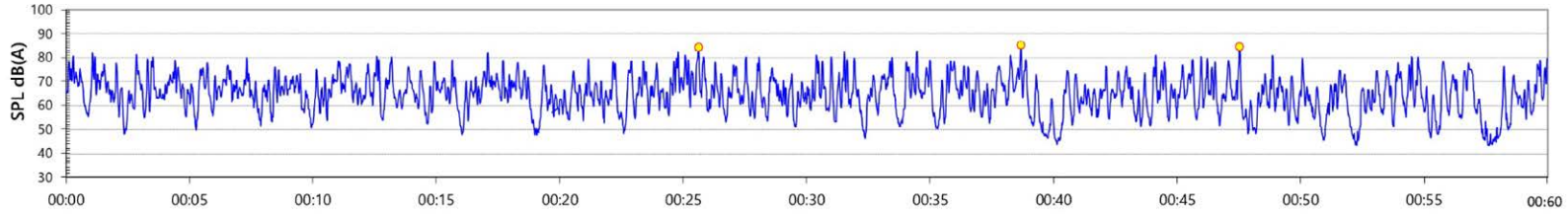
Project Number: **TL081-01**
Address: 70 New England Highway, Tarro

Start Date: Monday, 21 March 2016

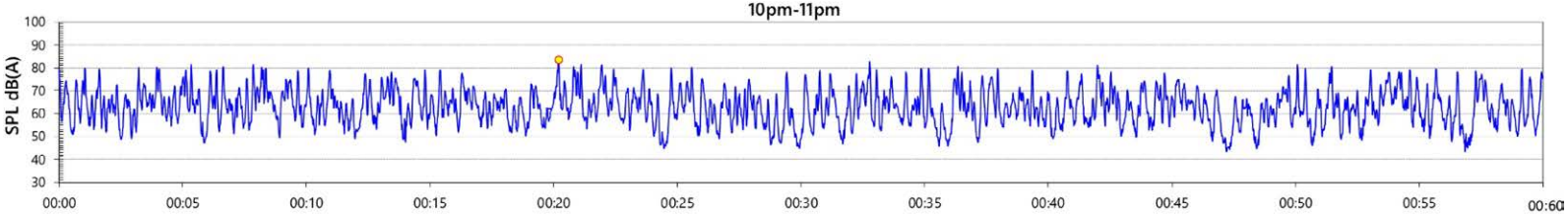
LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A)

Summary Table

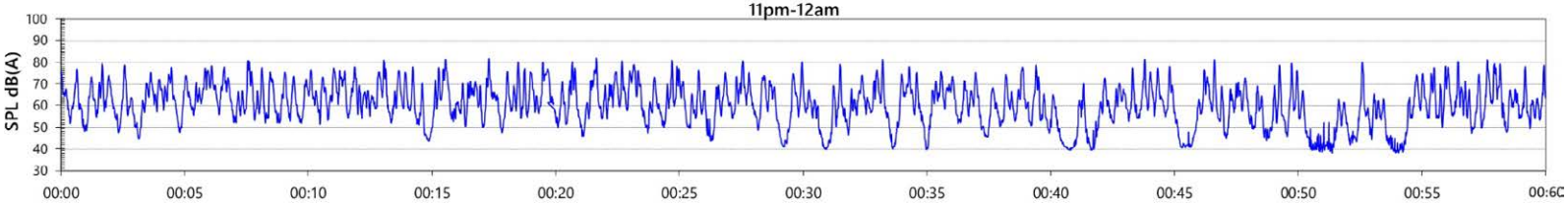
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	69.2	67.9	67.1	66.0	66.1	67.6	69.1	71.6	72.9	70.2
LA90	53.2	51.7	45.6	43.2	43.9	48.2	53.7	64.3	68.1	-
Lav max	84.7	83.5	-	82.0	81.5	-	-	-	-	82.9
No Events	3	1	0	3	2	0	0	0	0	9



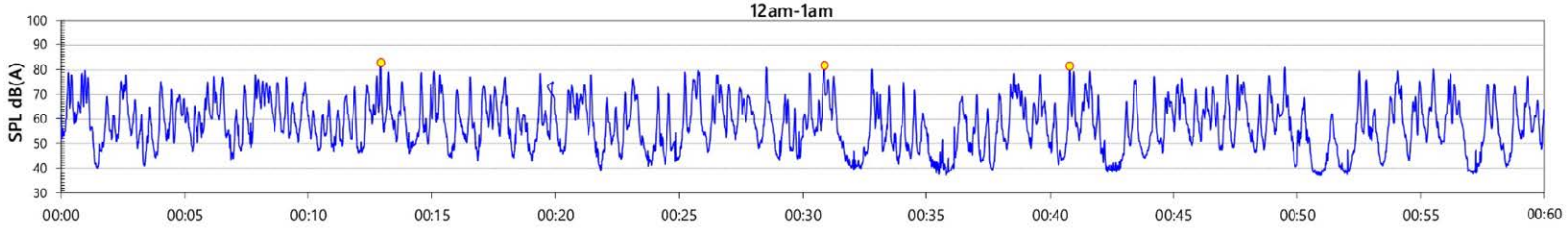
10pm-11pm



11pm-12am



12am-1am



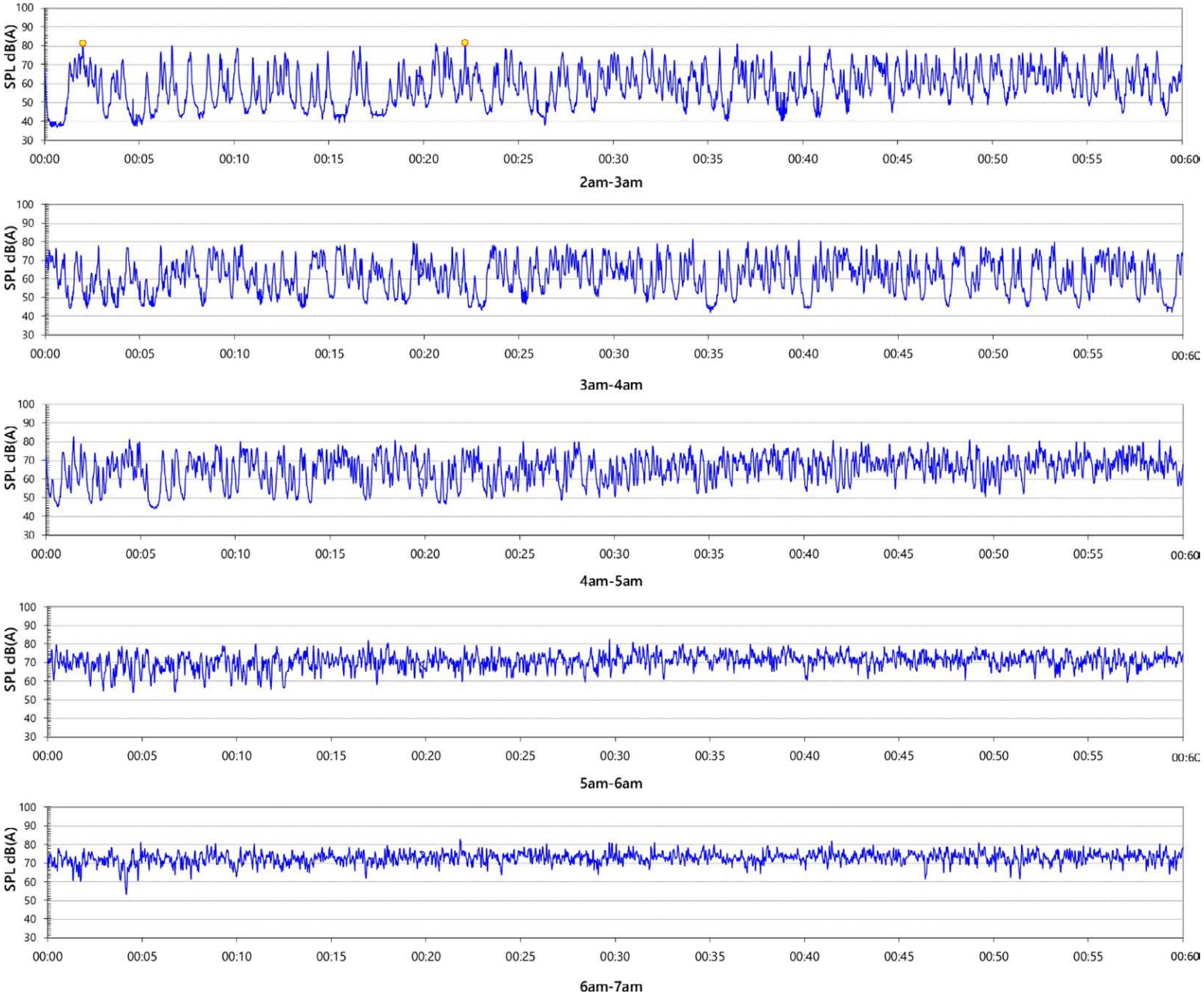
1am-2am

Template: QTE-01 dBMAX (r30)

dBMAX Maximum Noise Level Analysis

Acoustics
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Structural Dynamics

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Template: QTE-01 dBMAX (r30)

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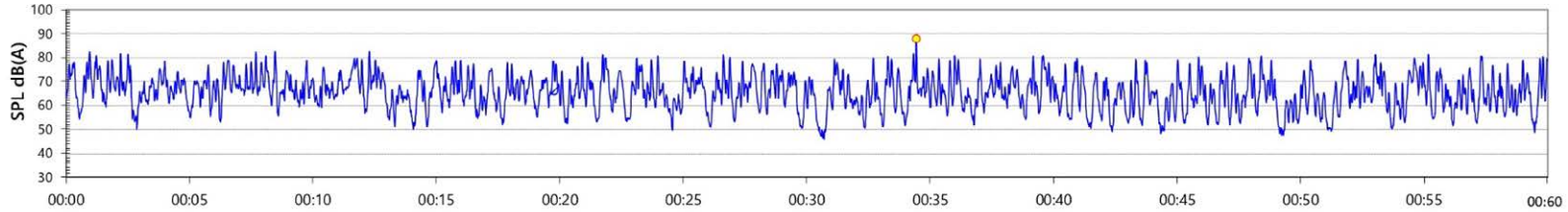
dBMAX Maximum Noise Level Analysis

Project Number: **TL081-01**
Address: 70 New England Highway, Tarro

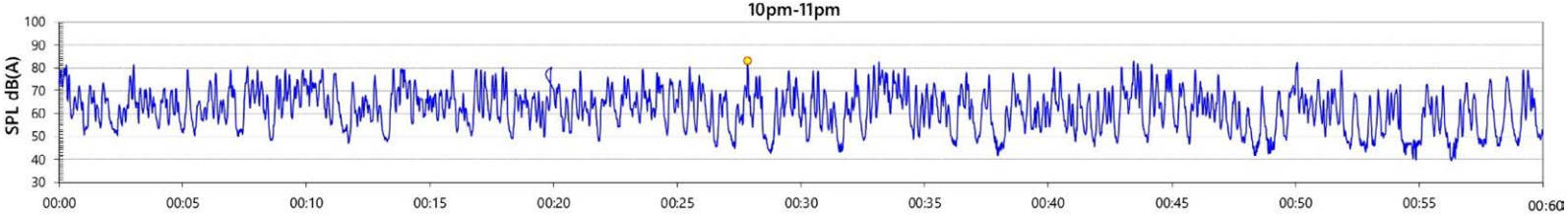
Start Date: Tuesday, 22 March 2016

LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A)

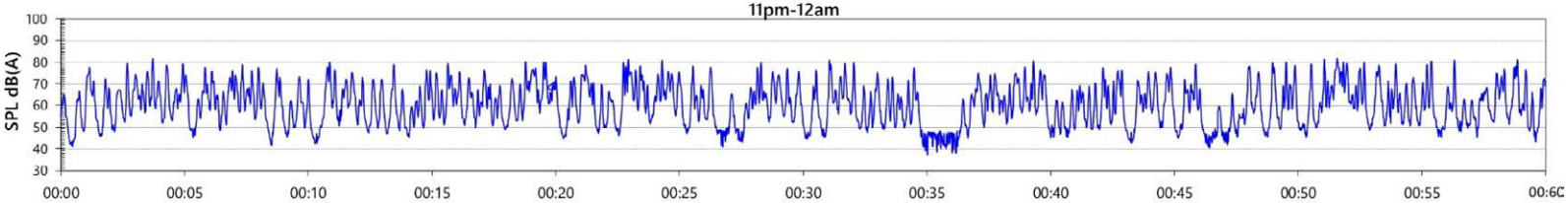
Summary Table	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	69.5	67.8	67.4	65.7	66.1	67.1	68.6	71.0	72.8	69.8
LA90	54.5	48.5	46.6	45.3	45.2	48.6	52.4	62.8	67.6	-
Lav max	87.9	83.2	-	82.0	82.7	82.5	84.0	-	-	83.7
No Events	1	1	0	6	3	1	2	0	0	14



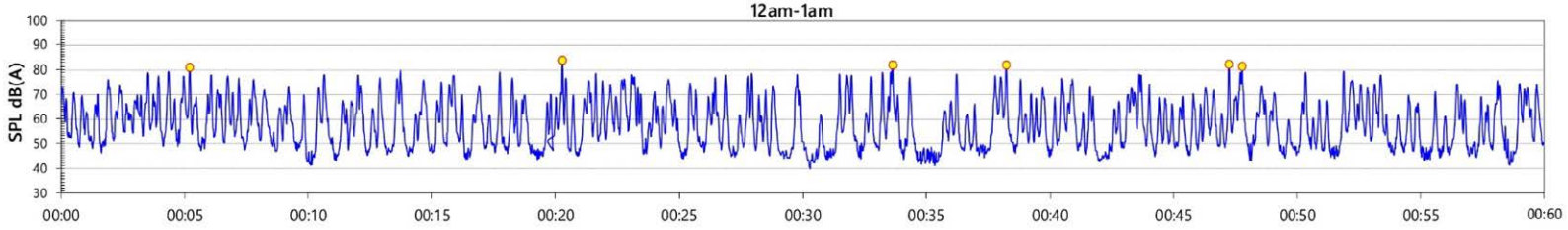
10pm-11pm



11pm-12am



12am-1am



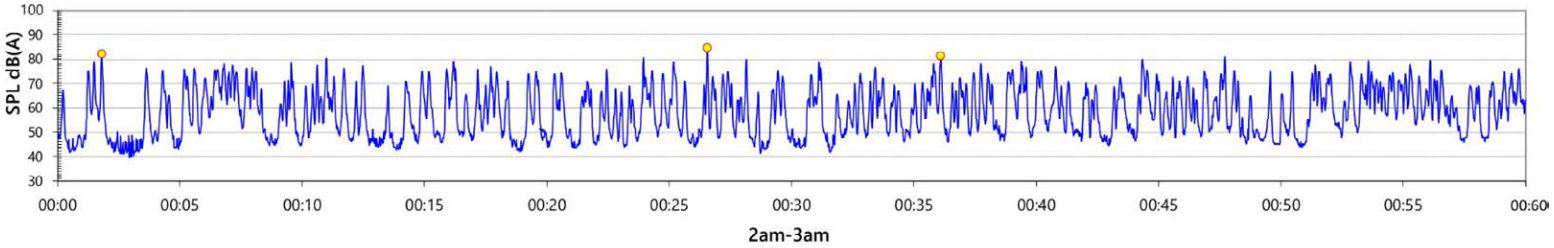
1am-2am

Template: QTE-01 dBMAX (r30)

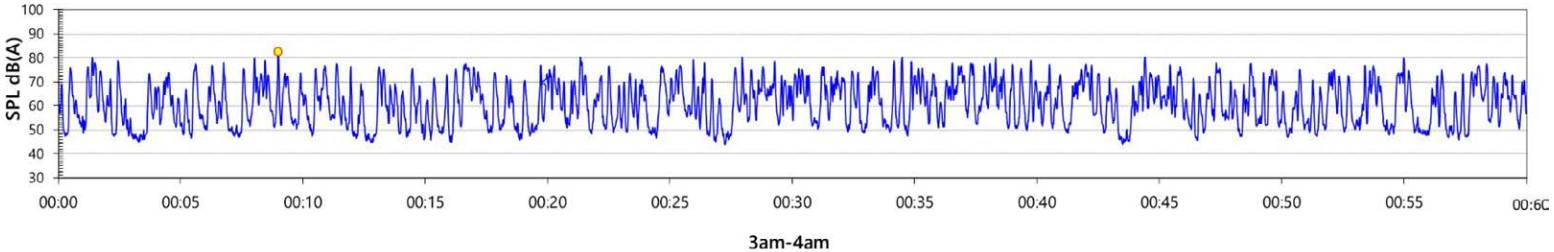
dBMAX Maximum Noise Level Analysis

Acoustics
Vibration
Structural Dynamics

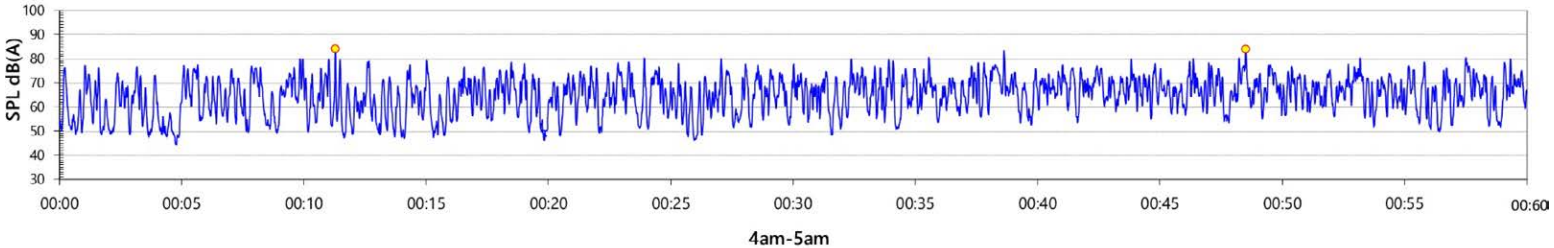
sydney@renzotonin.com.au
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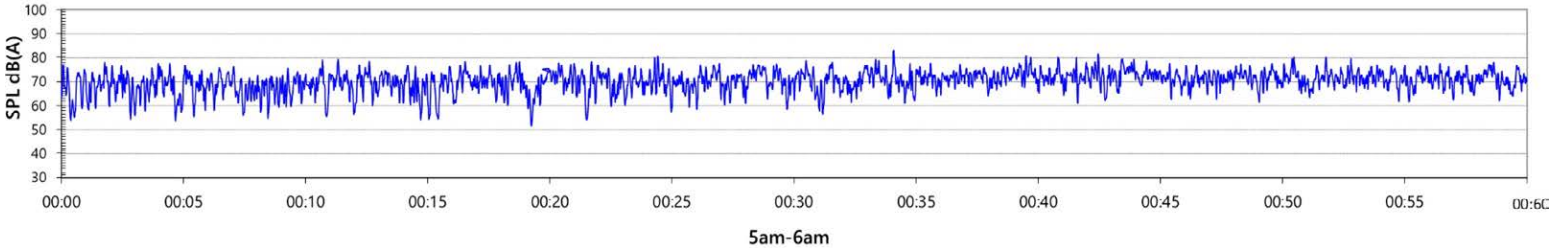
2am-3am



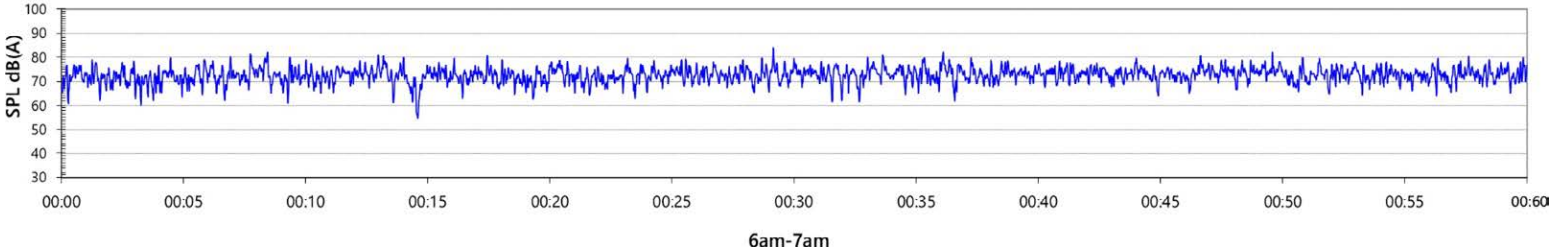
3am-4am



4am-5am



5am-6am



6am-7am

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dBMAX Maximum Noise Level Analysis

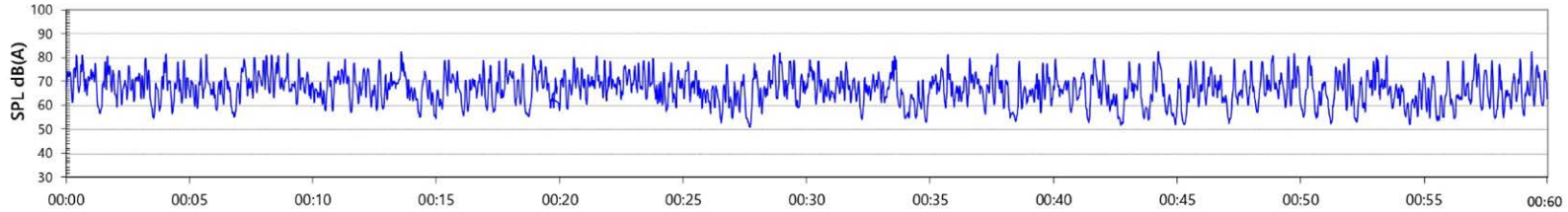
Project Number: **TL081-01**
Address: 70 New England Highway, Tarro

Start Date: Wednesday, 23 March 2016

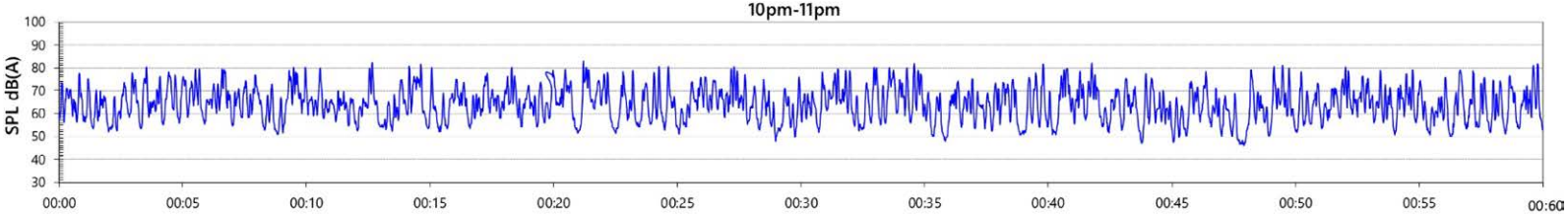
LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A)

Summary Table

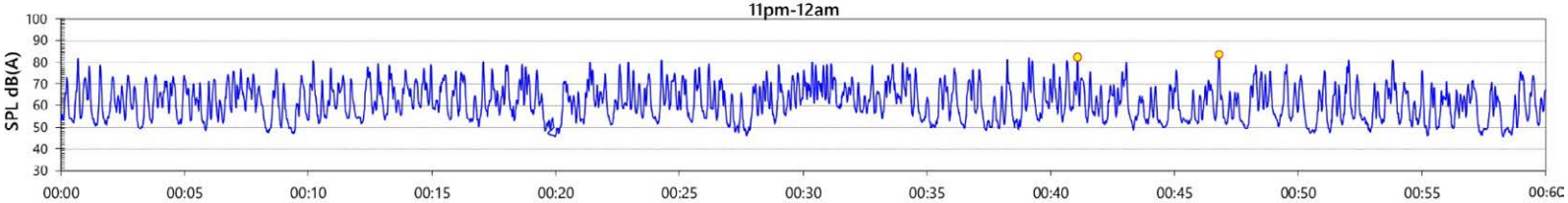
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	69.9	68.5	67.1	66.2	66.5	67.4	69.3	71.8	72.8	70.2
LA90	57.7	53.5	50.9	46.9	47.5	49.1	55.5	64.4	68.4	-
Lav max	-	-	83.0	82.1	82.2	83.0	85.4	92.9	-	84.7
No Events	0	0	2	5	4	2	1	2	0	16



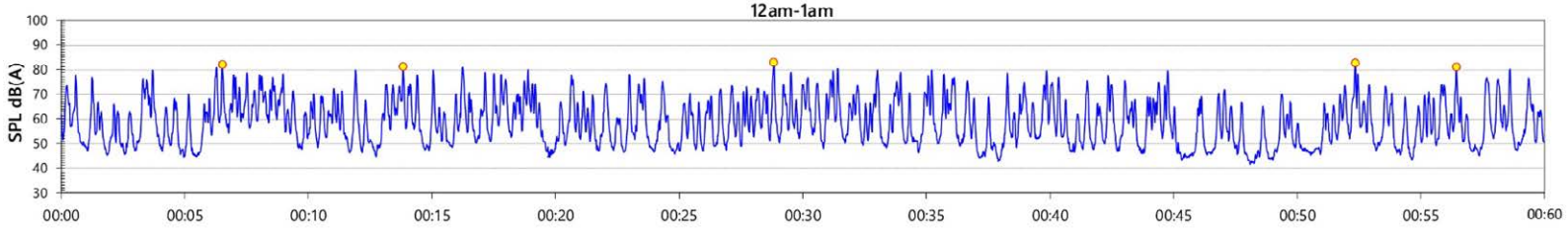
10pm-11pm



11pm-12am



12am-1am



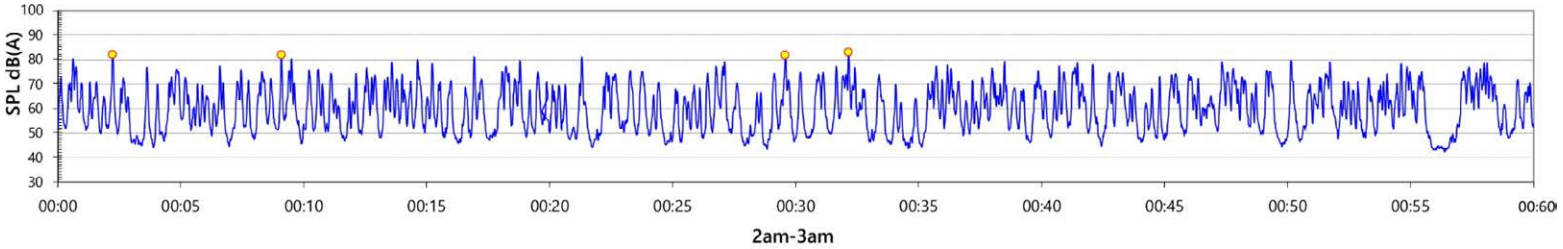
1am-2am

Template: QTE-01 dBMAX (r30)

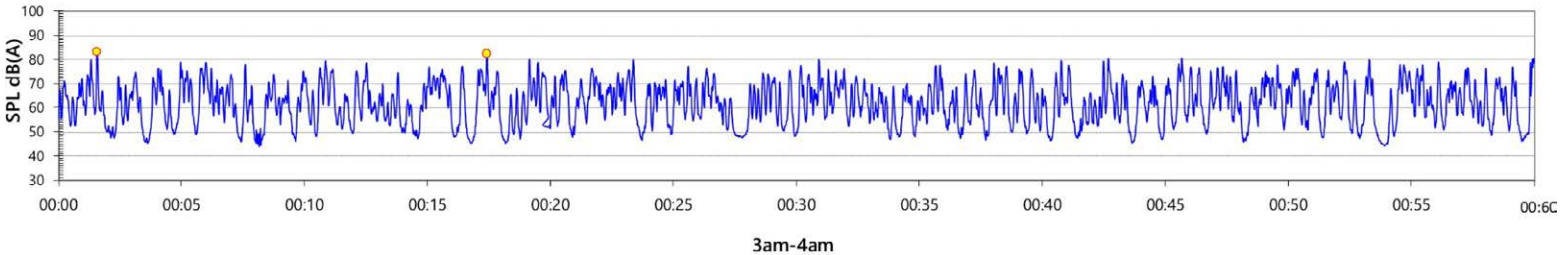
dBMAX Maximum Noise Level Analysis

Acoustics
Vibration
Structural Dynamics

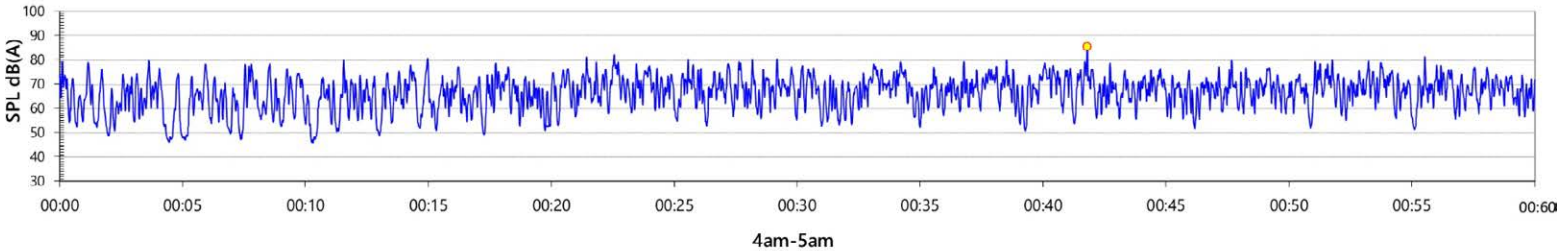
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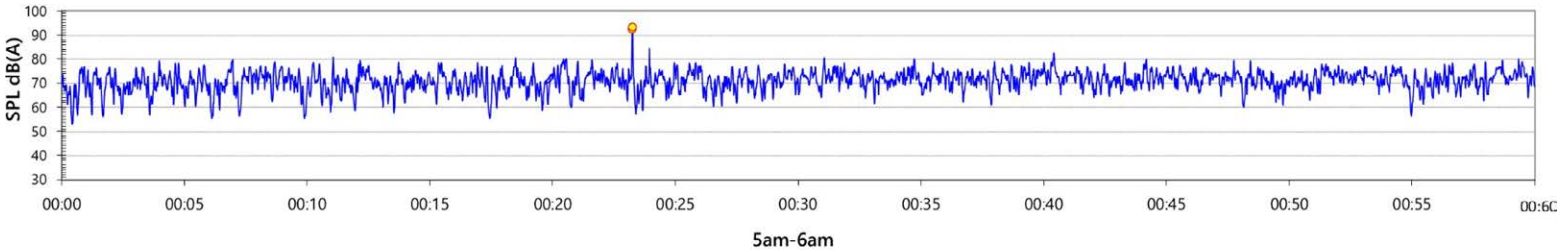
2am-3am



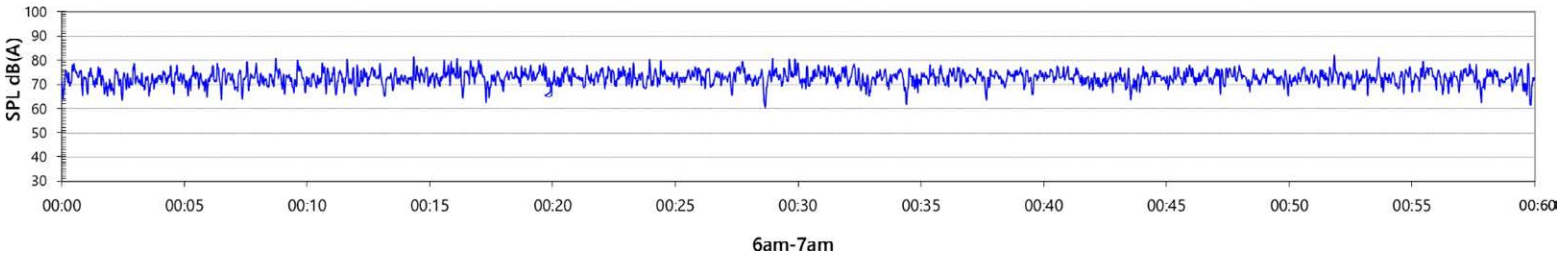
3am-4am



4am-5am



5am-6am



6am-7am

Template: QTE-01 dBMAX (r30)

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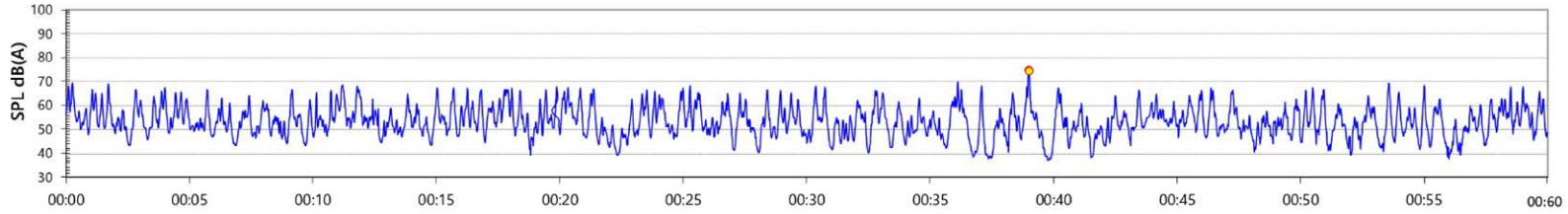
Project Number: **TL081-01**
Address: 44 Sapphire Drive, Beresfield

Start Date: Tuesday, 15 March 2016

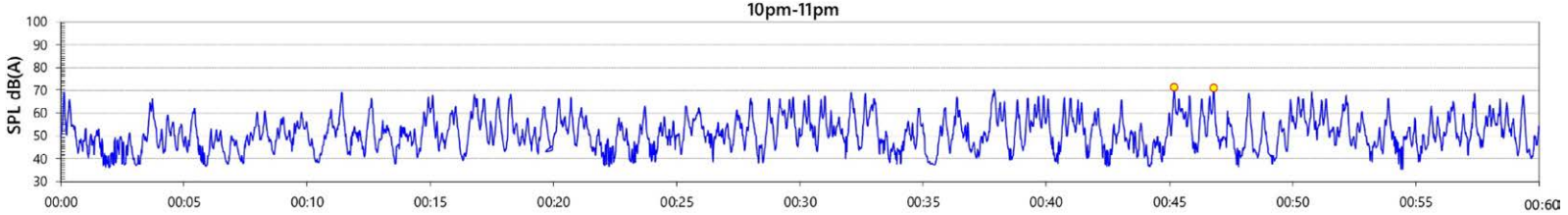
LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A)

Summary Table

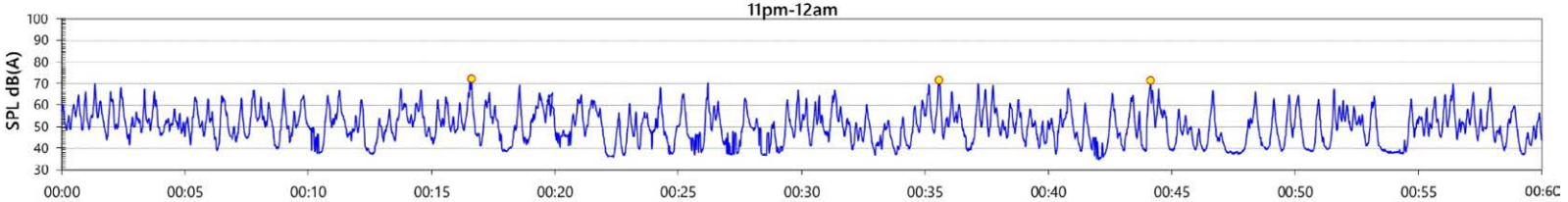
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	56.9	56.1	55.6	52.8	53.6	54.4	55.8	59.2	62.0	58.2
LA90	44.4	40.5	38.8	36.1	35.9	39.6	43.2	52.7	57.2	-
Lav max	74.6	71.3	71.8	69.6	70.7	70.4	-	74.9	-	71.9
No Events	2	2	4	4	4	2	0	1	0	19



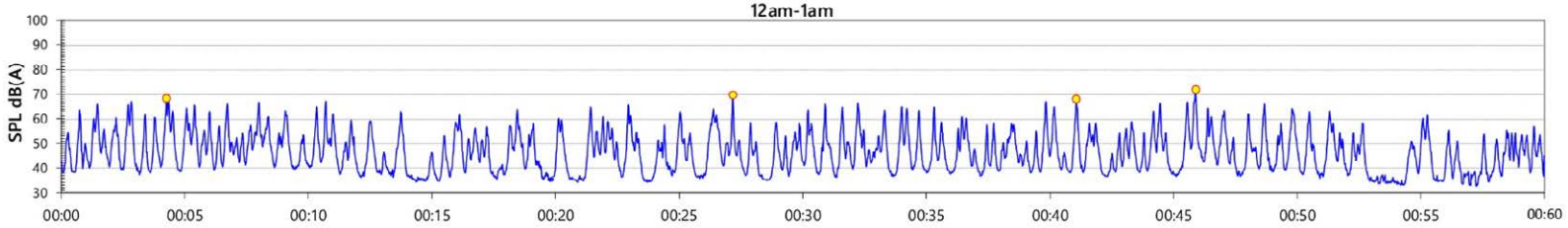
10pm-11pm



11pm-12am



12am-1am



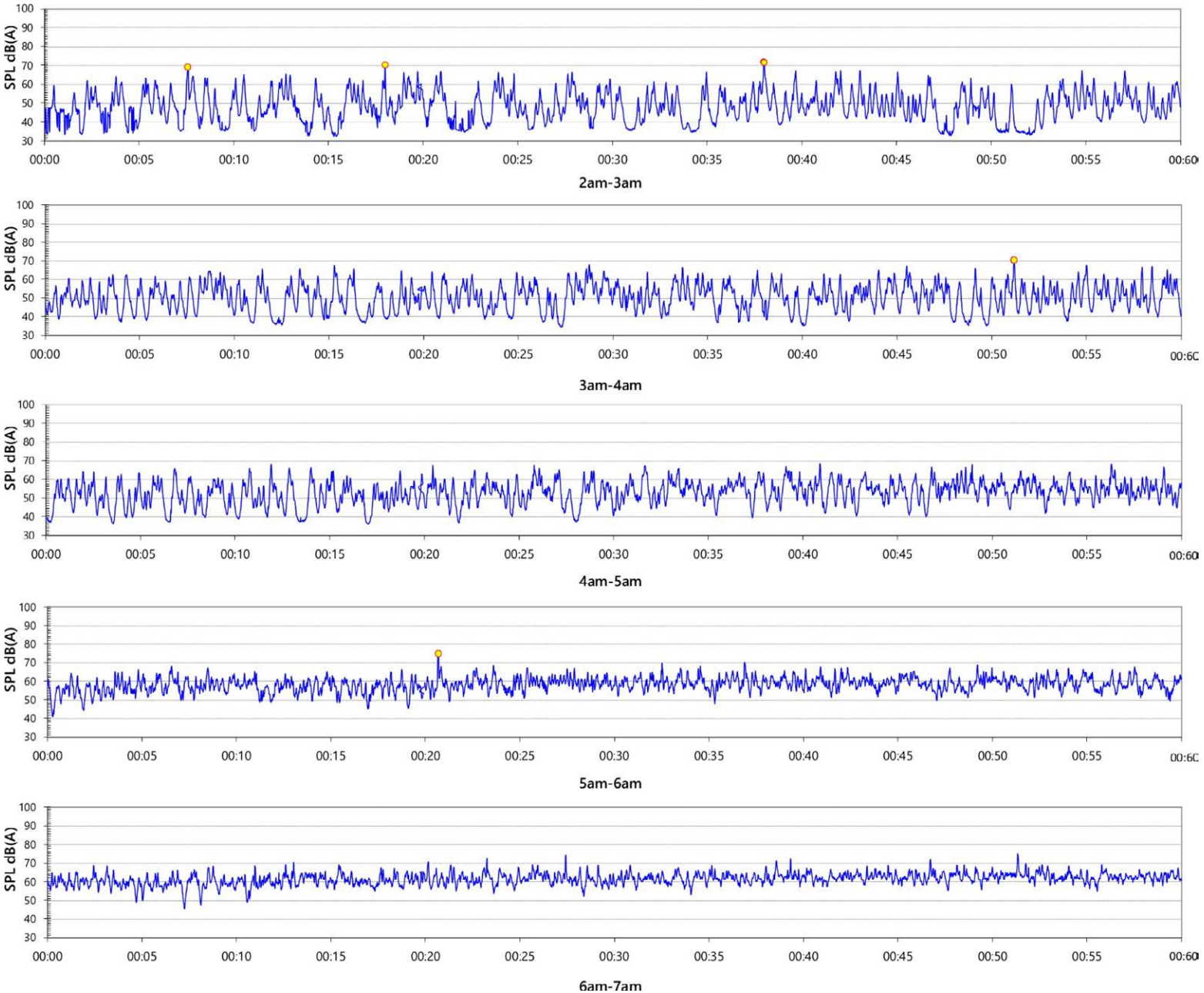
1am-2am

Template: QTE-01 dBMAX (r30)

dBMAX Maximum Noise Level Analysis

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dBMAX Maximum Noise Level Analysis

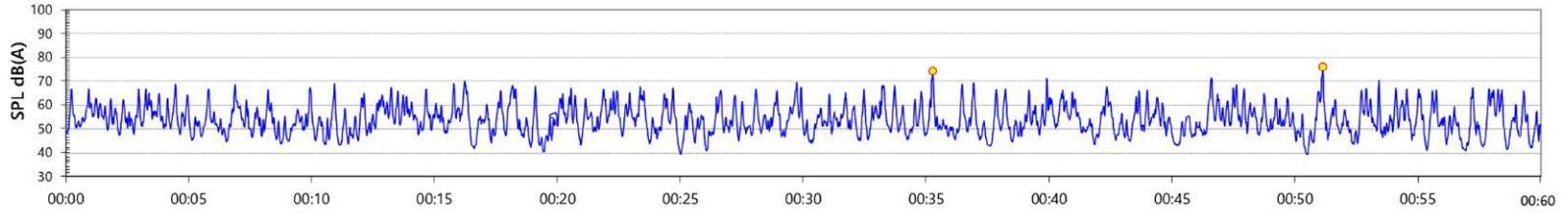
Project Number: **TL081-01**
Address: 44 Sapphire Drive, Beresfield

Start Date: Wednesday, 16 March 2016

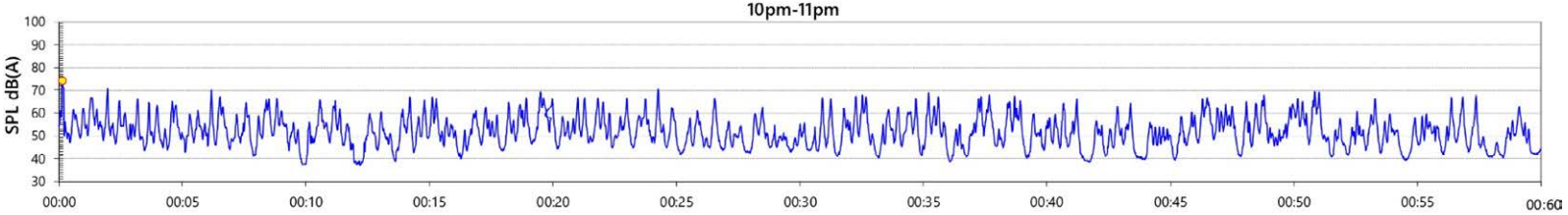
LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A)

Summary Table

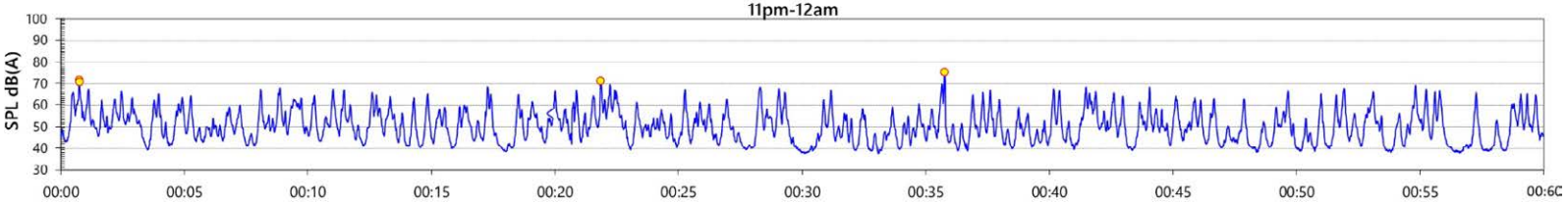
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	57.3	56.2	55.5	54.3	54.3	55.3	57.7	61.6	61.7	59.2
LA90	45.5	42.5	40.0	38.5	38.7	41.1	47.6	54.8	57.5	-
Lav max	75.2	74.3	72.3	72.0	70.0	-	-	-	-	72.7
No Events	2	1	4	3	1	0	0	0	0	11



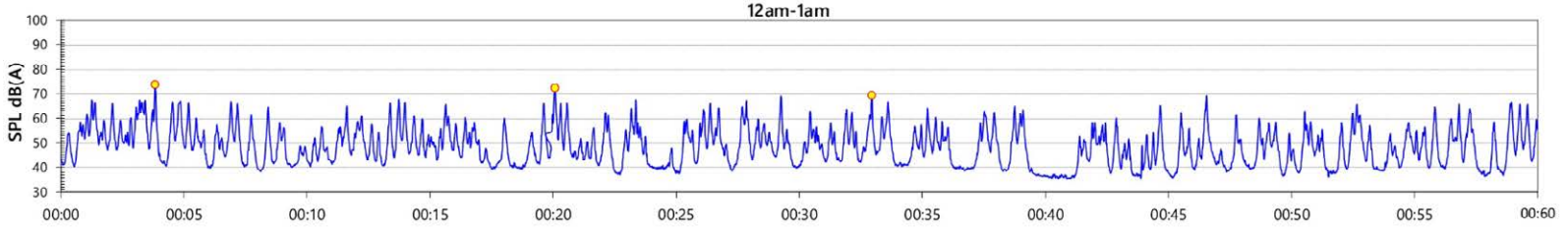
10pm-11pm



11pm-12am



12am-1am



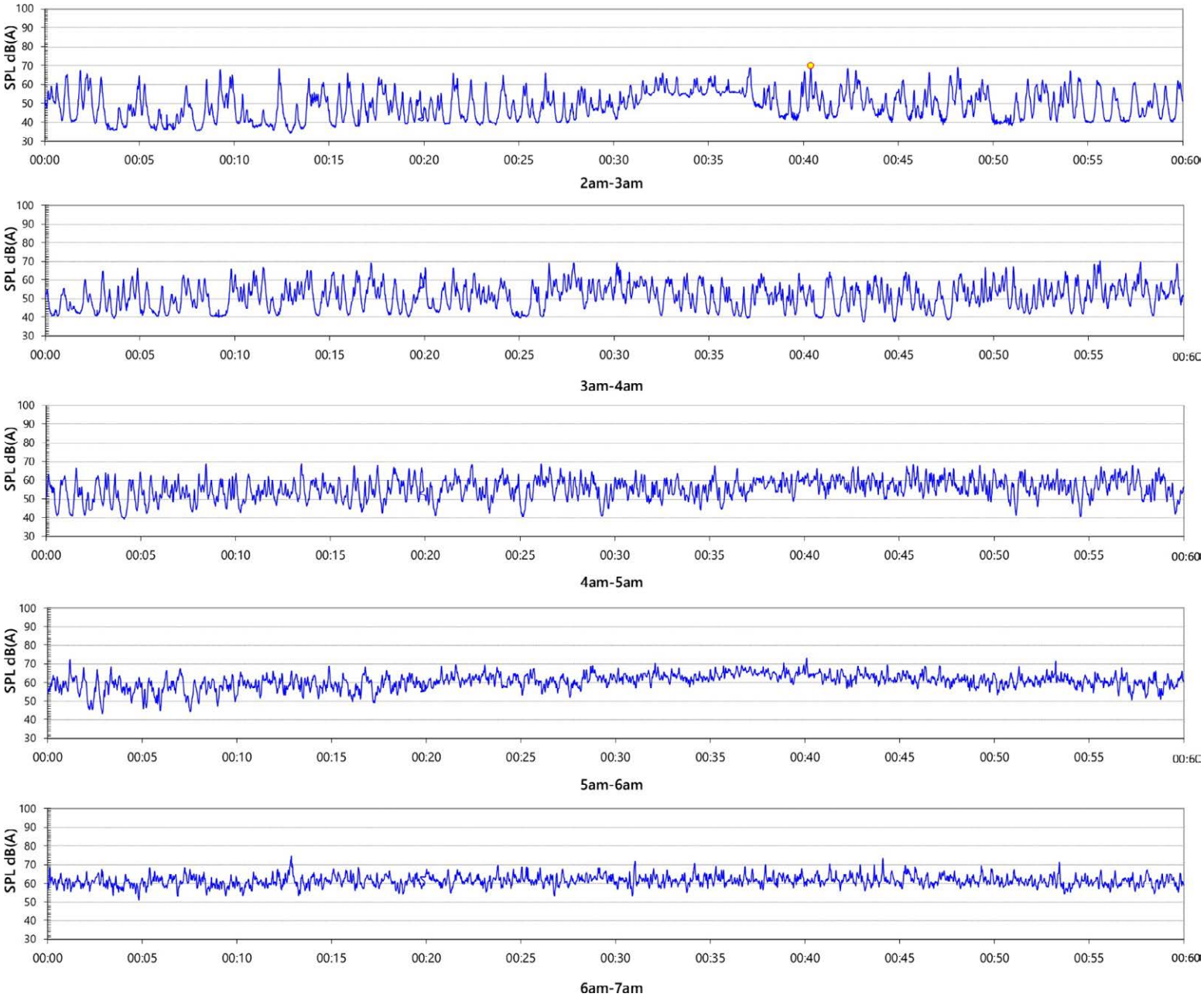
1am-2am

Template: QTE-01 dBMAX (r30)

dBMAX Maximum Noise Level Analysis

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Template: QTE-01 dBMAX (r30)

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dBMAX Maximum Noise Level Analysis

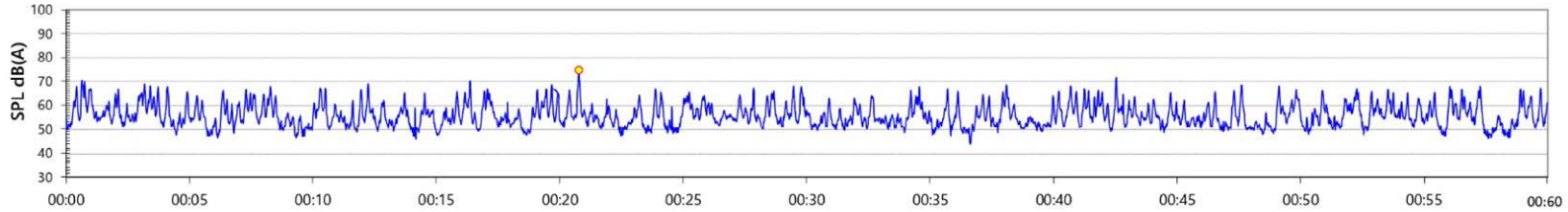
Project Number: **TL081-01**
Address: 44 Sapphire Drive, Beresfield

Start Date: Thursday, 17 March 2016

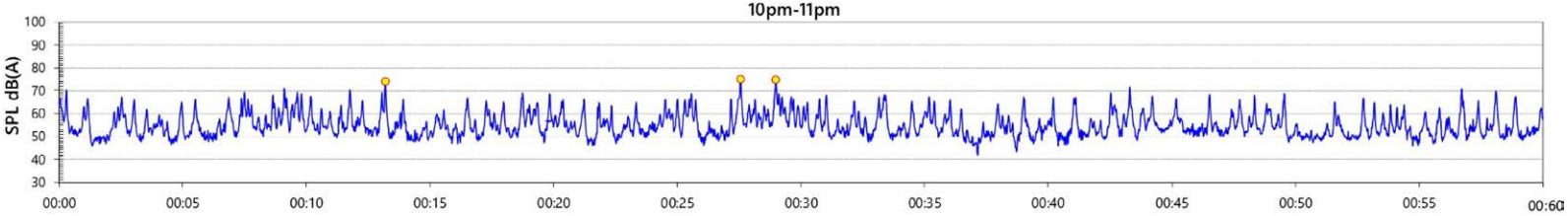
LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A)

Summary Table

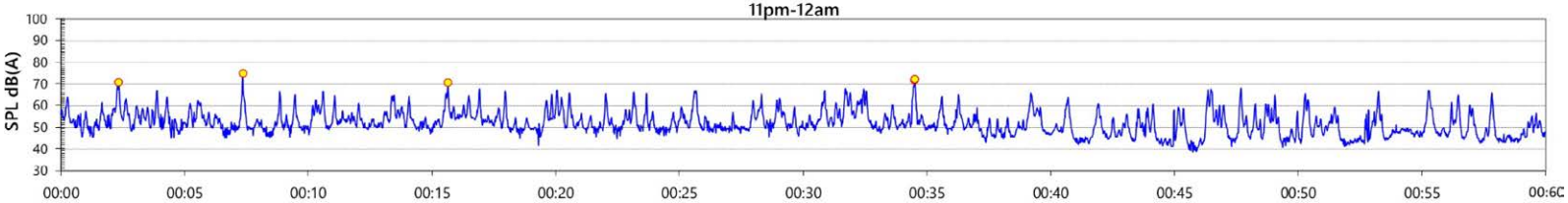
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	57.9	57.6	55.1	54.4	54.0	54.8	57.0	59.3	60.7	57.9
LA90	49.3	48.2	44.3	41.0	41.3	43.9	47.4	53.4	56.5	-
Lav max	74.8	74.7	72.1	70.9	73.4	-	79.8	-	-	74.3
No Events	1	3	5	5	1	0	1	0	0	16



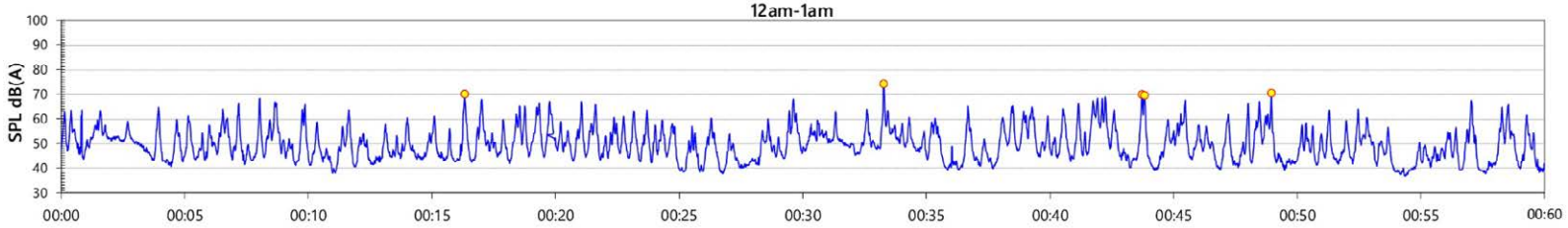
10pm-11pm



11pm-12am



12am-1am



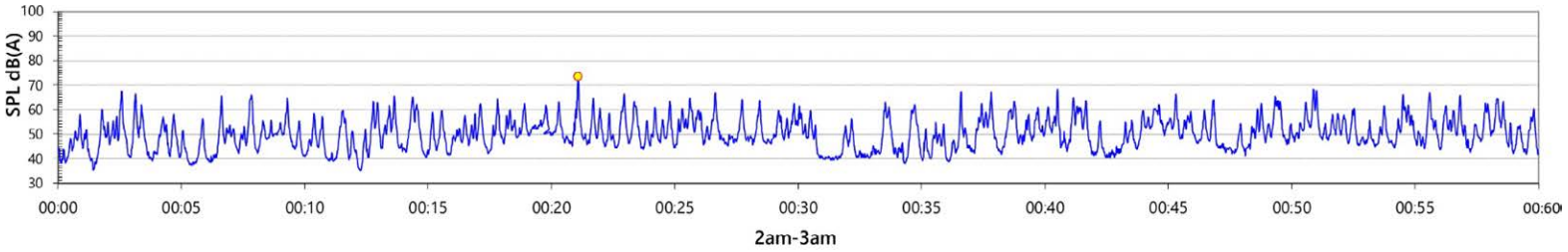
1am-2am

Template: QTE-01 dBMAX (r30)

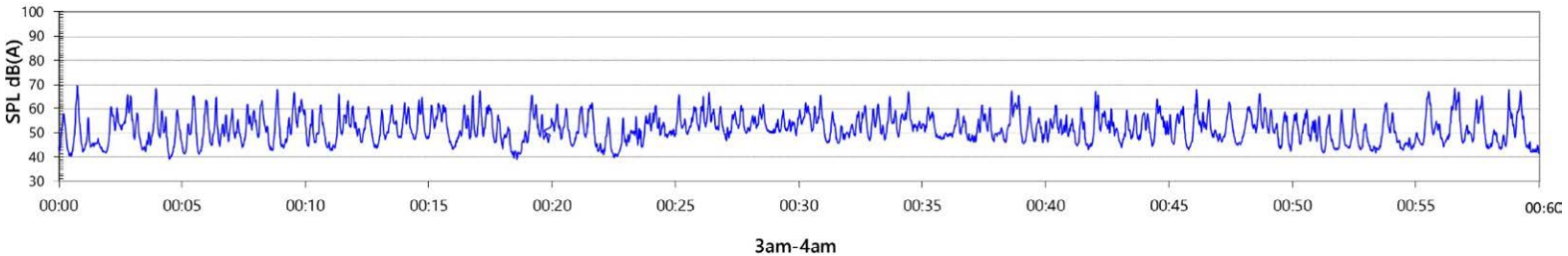
dBMAX Maximum Noise Level Analysis

Acoustics
Vibration
Structural Dynamics

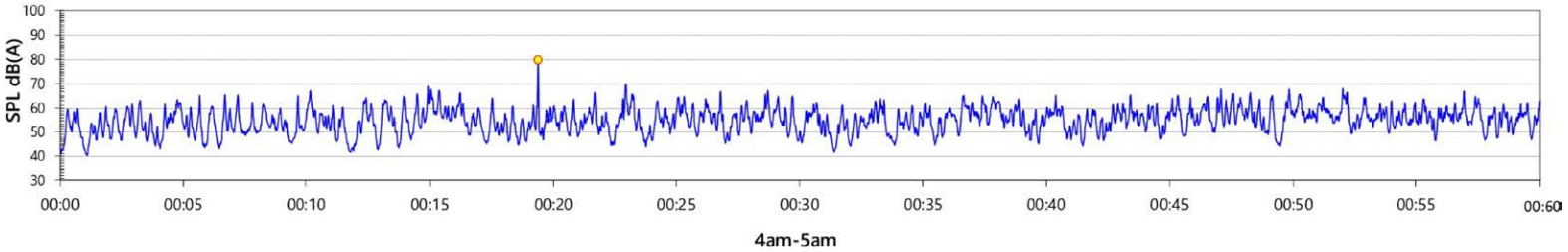
sydney@renzotonin.com.au
www.renzotonin.com.au



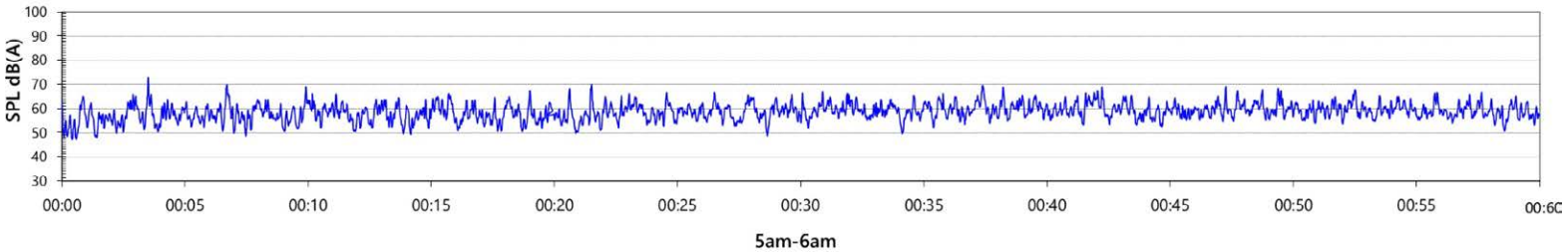
2am-3am



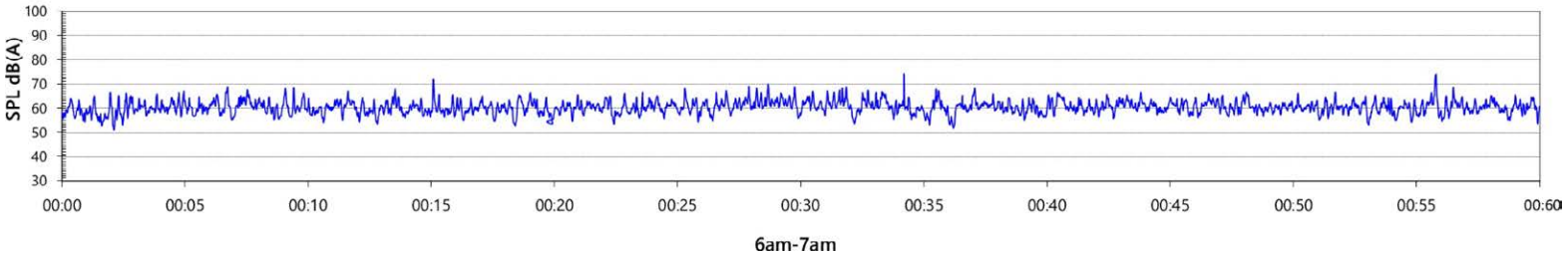
3am-4am



4am-5am



5am-6am



6am-7am

Template: QTE-01 dBMAX (r30)

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dBMAX Maximum Noise Level Analysis

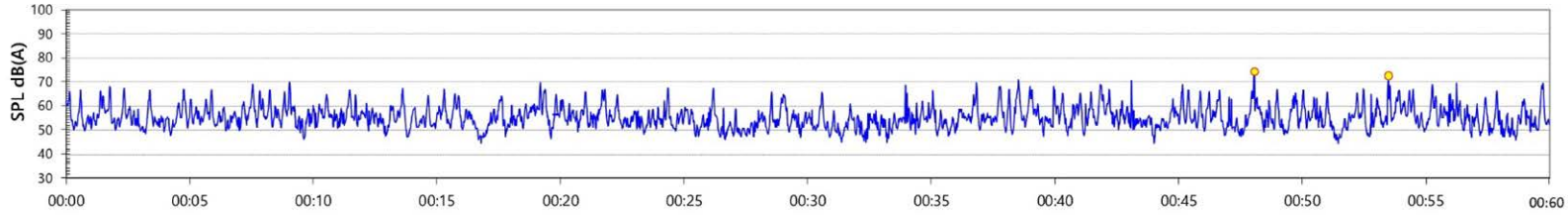
Project Number: **TL081-01**
Address: 44 Sapphire Drive, Beresfield

Start Date: Friday, 18 March 2016

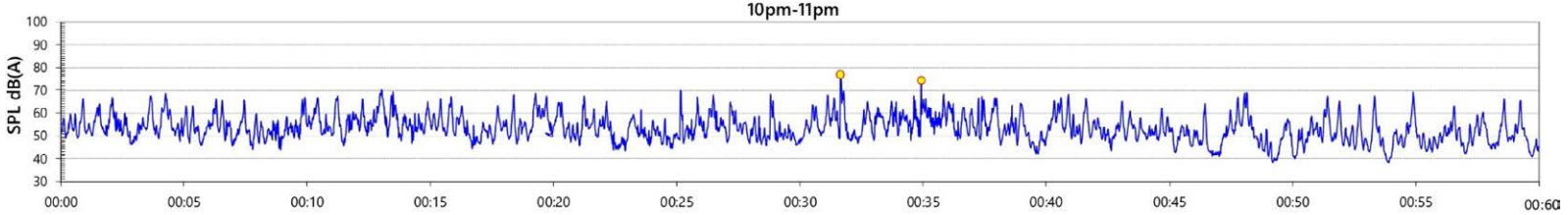
LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A)

Summary Table

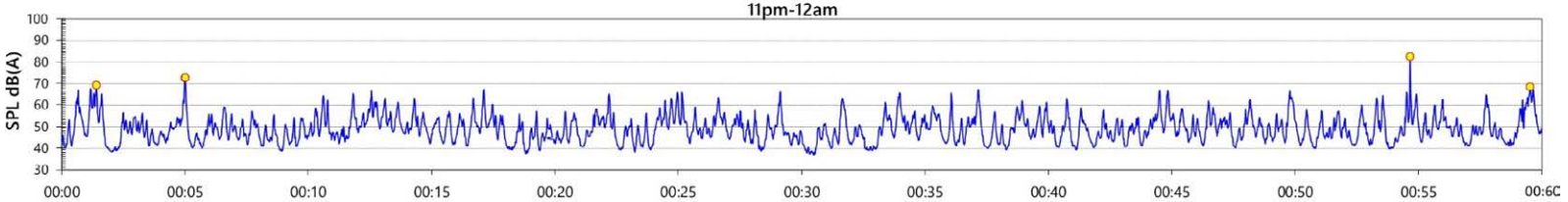
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	57.1	56.4	53.4	53.4	52.7	52.8	54.0	55.3	57.0	54.7
LA90	49.0	45.7	40.9	41.1	39.4	39.0	40.8	46.5	50.4	-
Lav max	73.5	75.7	73.1	69.8	68.9	75.4	72.7	71.3	-	72.6
No Events	2	2	5	7	11	2	3	1	0	33



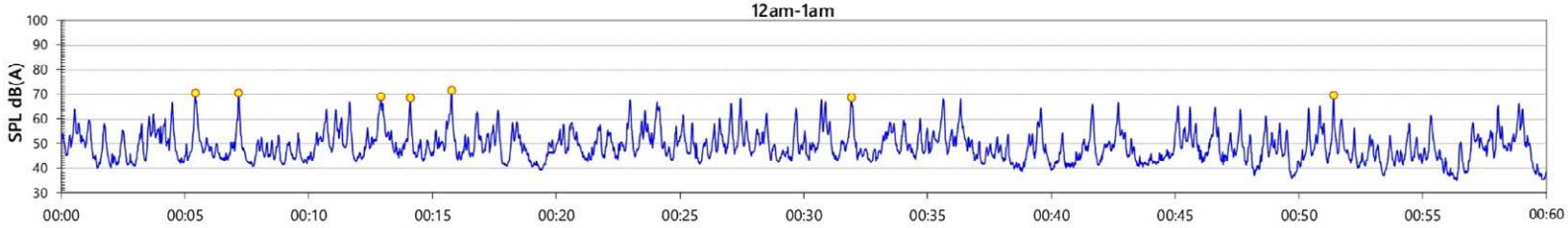
10pm-11pm



11pm-12am



12am-1am



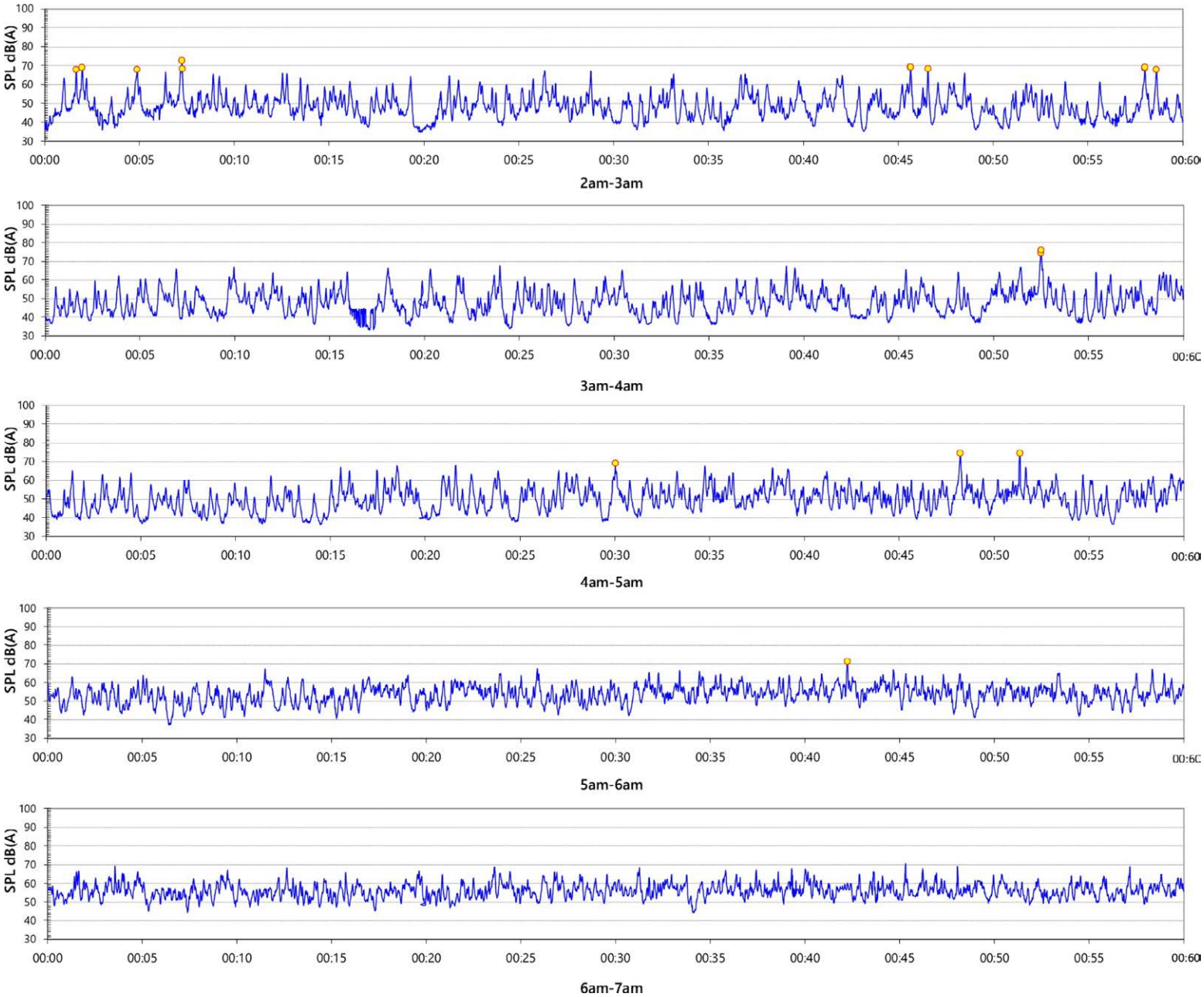
1am-2am

Template: QTE-01 dBMAX (r30)

dBMAX Maximum Noise Level Analysis

Acoustics
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Template: QTE-01 dBMAX (r30)

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dBMAX Maximum Noise Level Analysis

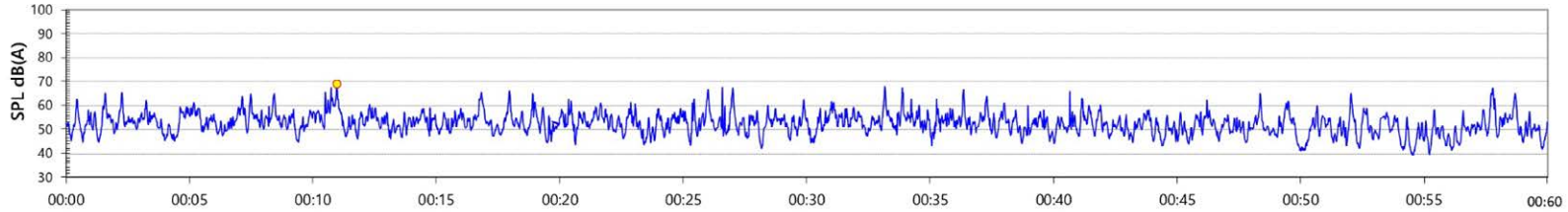
Project Number: **TL081-01**
Address: 44 Sapphire Drive, Beresfield

Start Date: Saturday, 19 March 2016

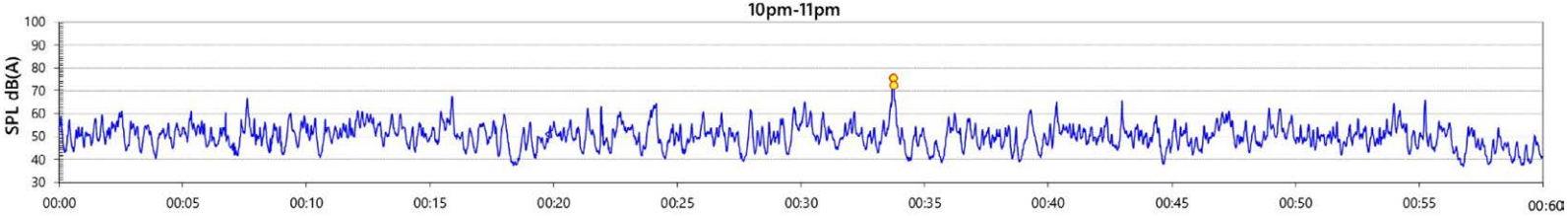
LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A)

Summary Table

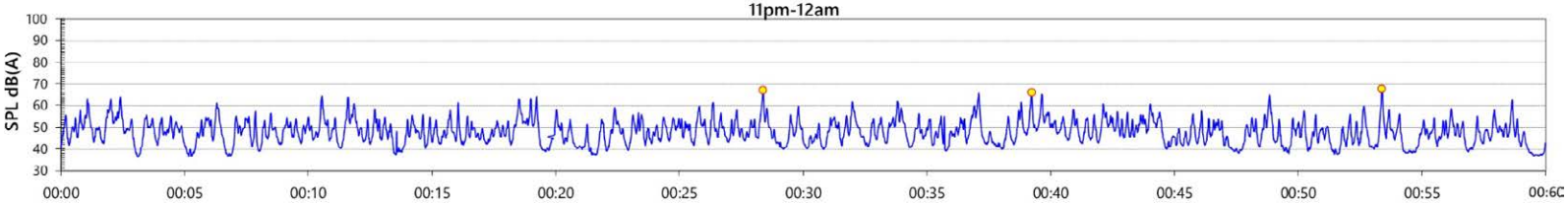
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	54.0	53.0	50.8	49.6	49.0	48.6	49.8	52.6	53.7	51.2
LA90	46.2	42.9	40.0	37.2	36.2	33.8	34.5	40.0	44.1	-
Lav max	69.1	74.5	67.1	66.5	66.6	70.7	65.7	70.1	72.8	69.2
No Events	1	3	3	6	4	4	4	1	3	29



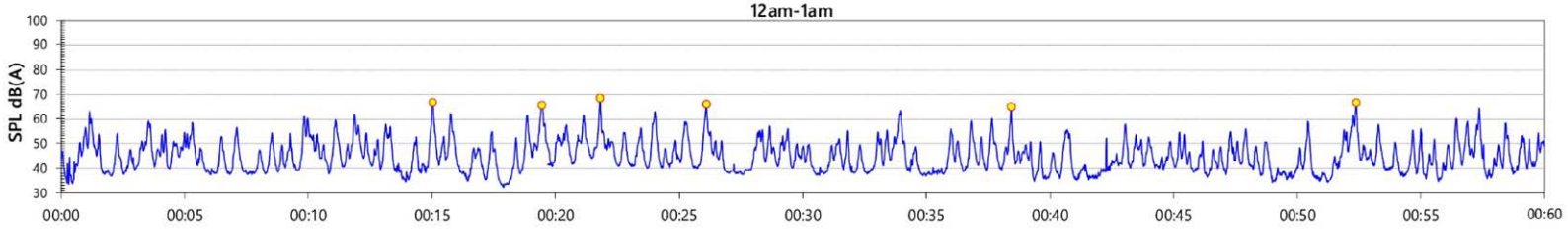
10pm-11pm



11pm-12am



12am-1am



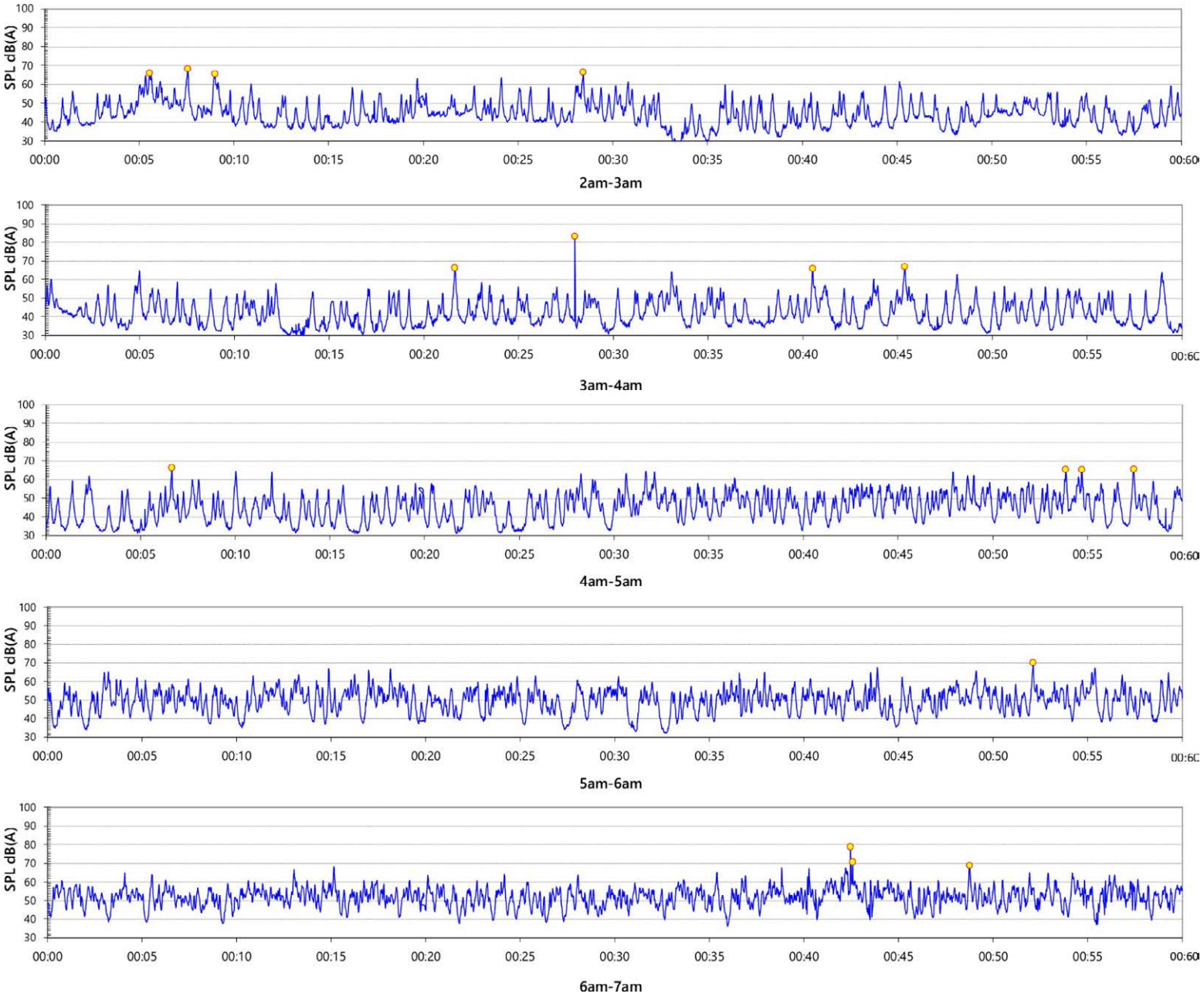
1am-2am

Template: QTE-01 dBMAX (r30)

dBMAX Maximum Noise Level Analysis

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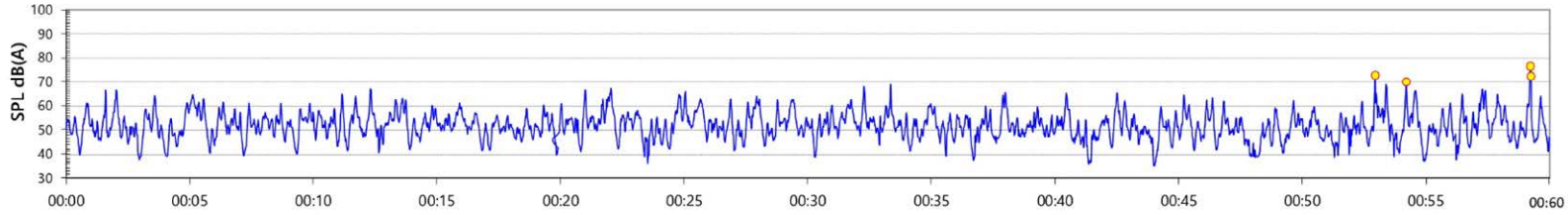
Project Number: **TL081-01**
Address: 44 Sapphire Drive, Beresfield

Start Date: Sunday, 20 March 2016

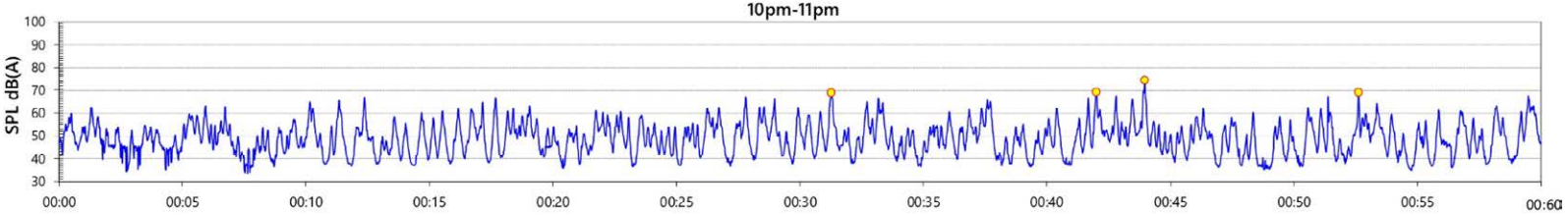
LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A)

Summary Table

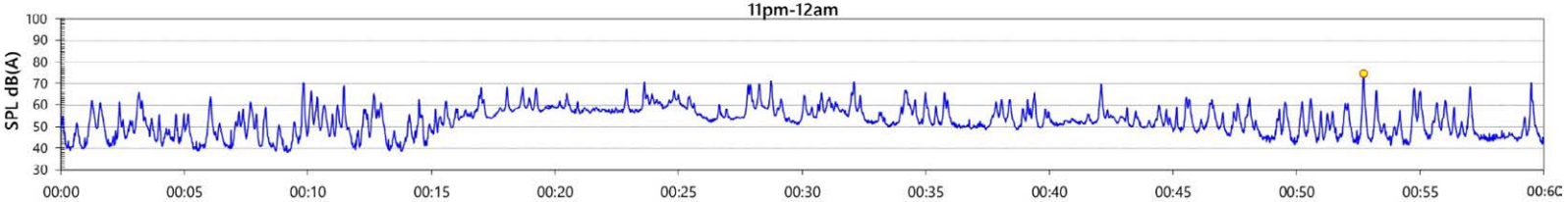
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	54.8	53.7	56.6	53.2	58.0	54.7	58.1	60.0	61.3	59.0
LA90	43.2	38.6	43.0	38.7	46.5	39.1	46.3	54.3	57.2	-
Lav max	73.0	70.6	74.6	68.7	-	70.8	-	75.6	-	72.2
No Events	4	4	1	3	0	1	0	1	0	14



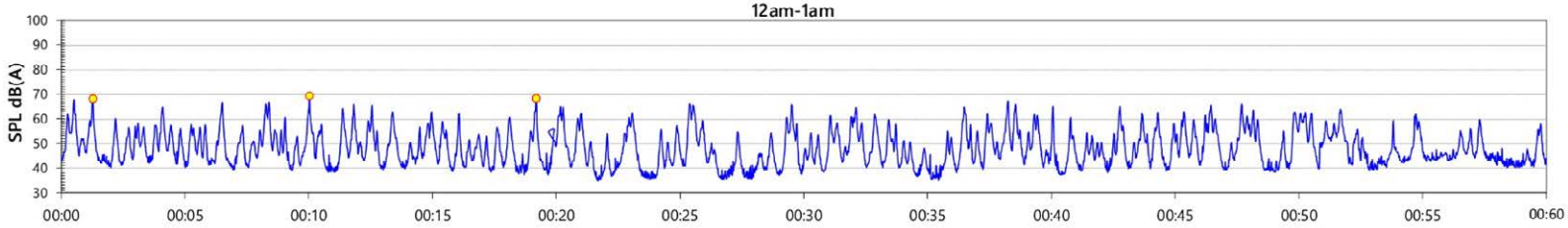
10pm-11pm



11pm-12am



12am-1am



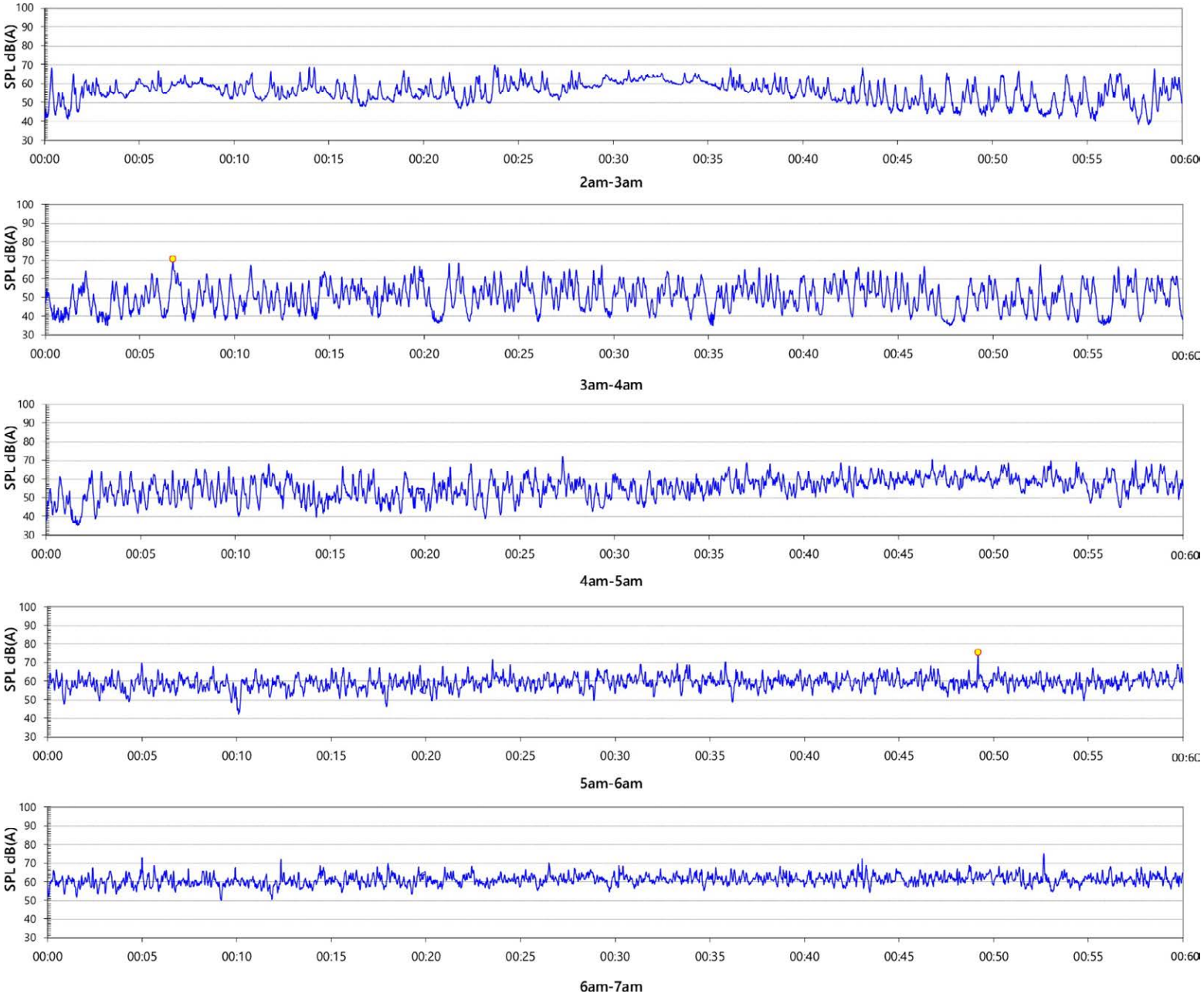
1am-2am

Template: QTE-01 dBMAX (r30)

dBMAX Maximum Noise Level Analysis

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dBMAX Maximum Noise Level Analysis

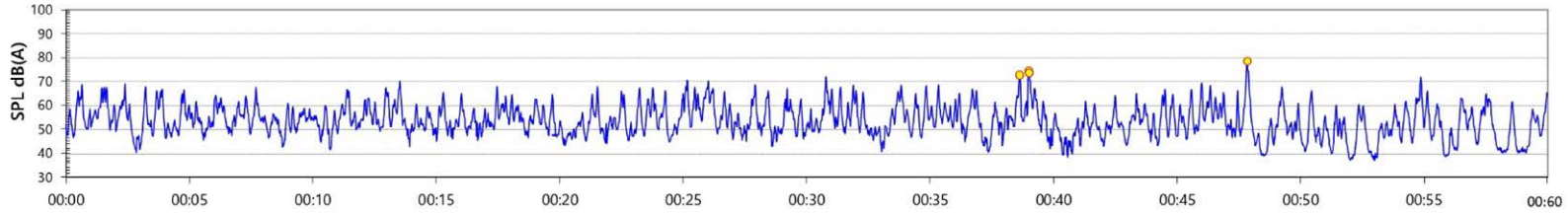
Project Number: **TL081-01**
Address: 44 Sapphire Drive, Beresfield

Start Date: Monday, 21 March 2016

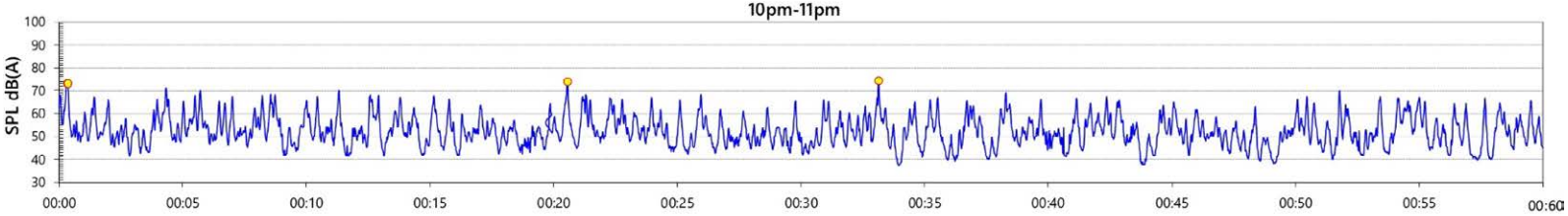
LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A)

Summary Table

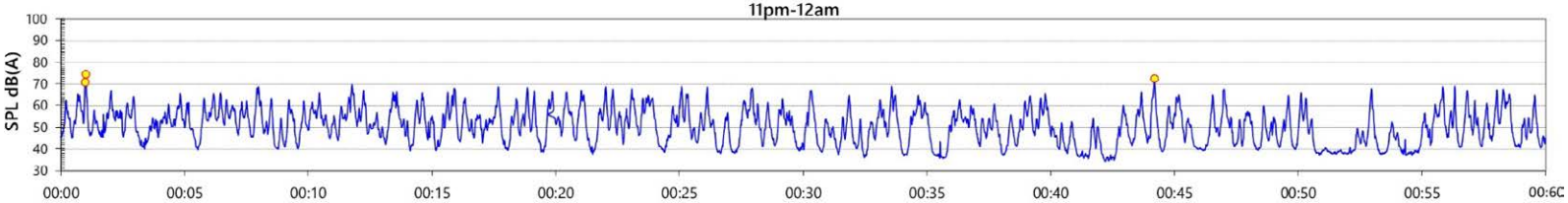
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	57.7	56.8	55.8	54.3	54.0	55.7	56.8	59.4	61.1	58.2
LA90	44.5	43.4	38.8	38.8	37.5	39.5	43.7	52.6	56.6	-
Lav max	74.9	73.7	72.6	71.1	-	73.8	74.7	-	-	73.5
No Events	4	4	3	2	0	4	2	0	0	19



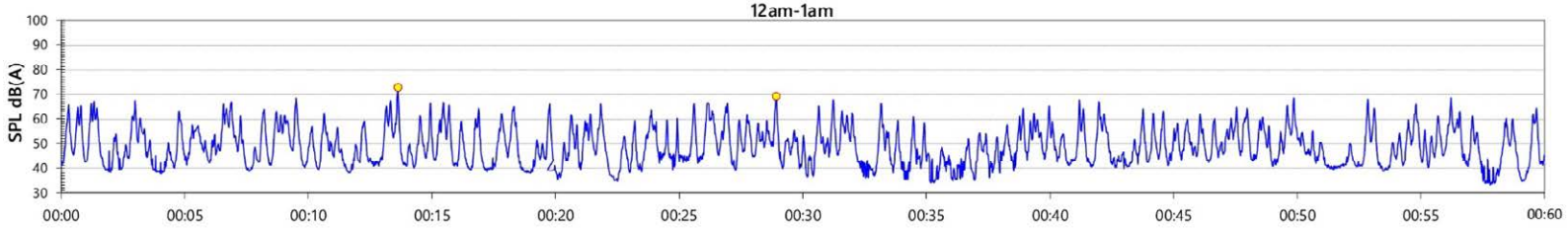
10pm-11pm



11pm-12am



12am-1am



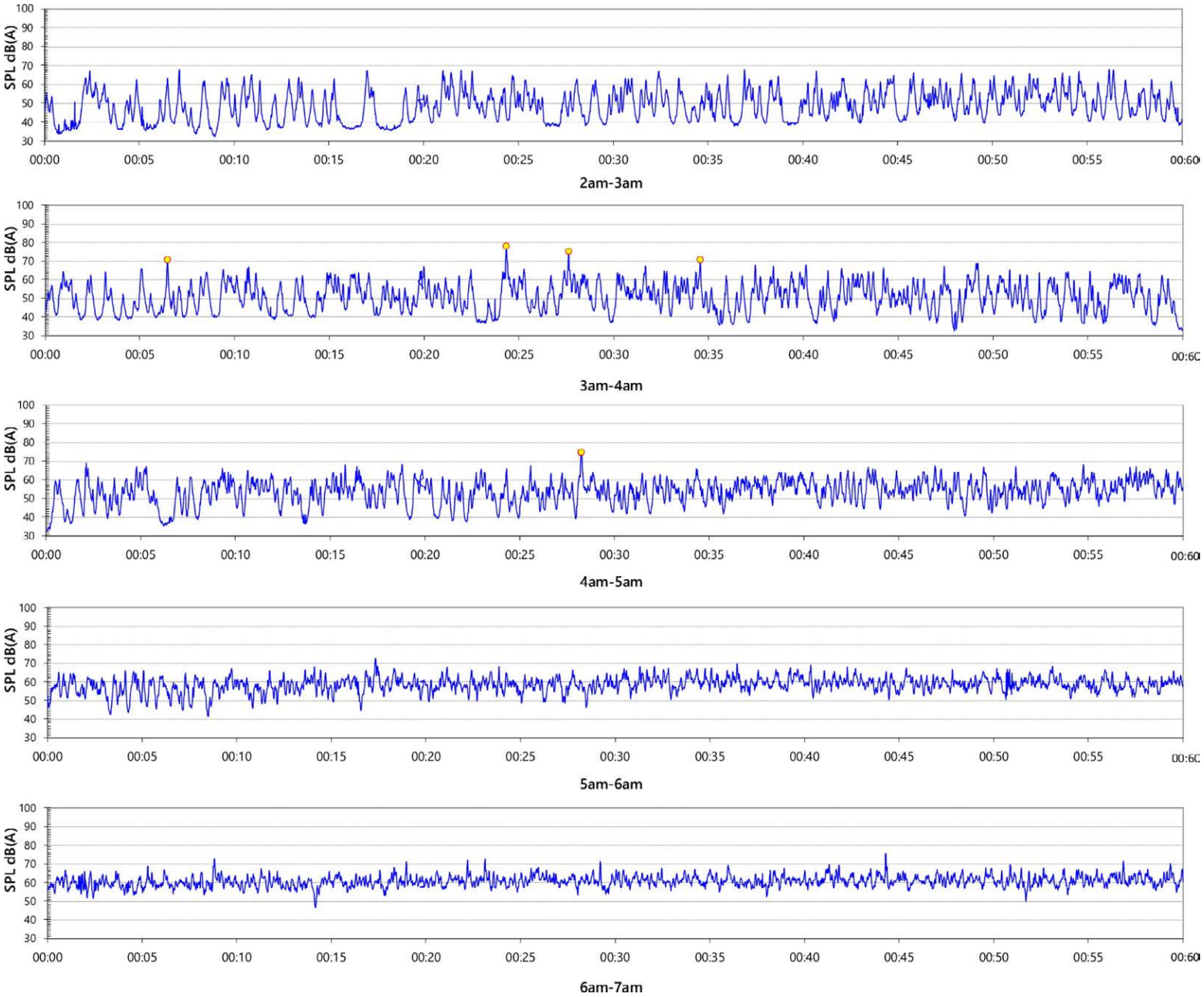
1am-2am

Template: QTE-01 dBMAX (r30)

dBMAX Maximum Noise Level Analysis

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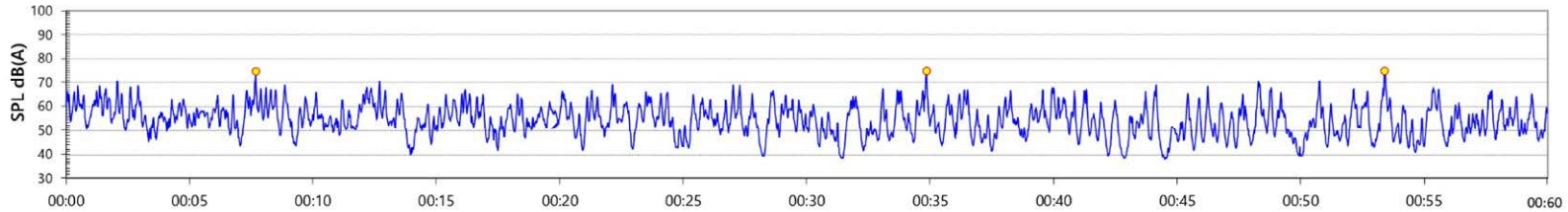
dBMAX Maximum Noise Level Analysis

Project Number: **TL081-01**
Address: 44 Sapphire Drive, Beresfield

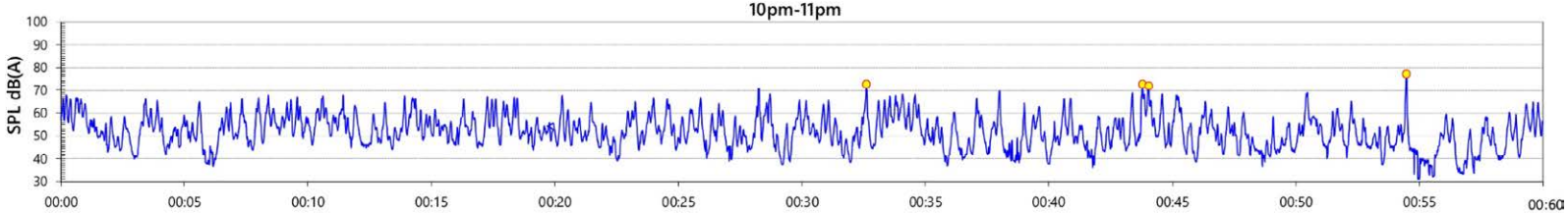
Start Date: Tuesday, 22 March 2016

LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A)

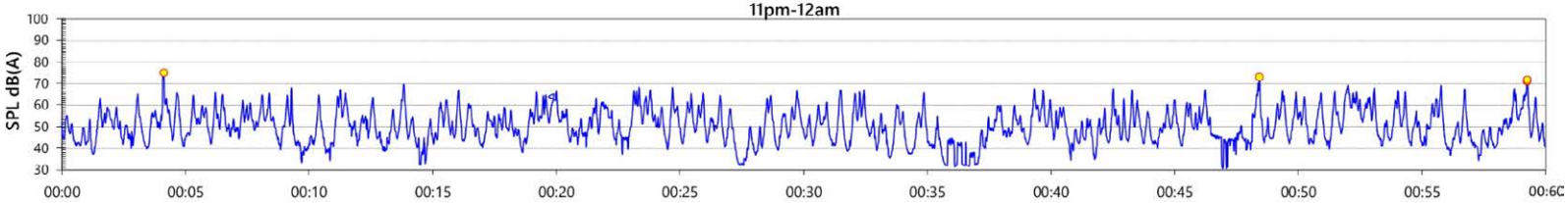
Summary Table	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	57.9	56.5	55.7	54.0	53.7	54.7	56.8	59.1	61.0	57.9
LA90	45.2	40.7	39.1	38.5	39.5	43.7	46.5	53.6	56.7	-
Lav max	74.8	73.6	72.8	76.1	70.1	-	73.9	-	77.7	74.1
No Events	3	4	4	2	1	0	3	0	2	19



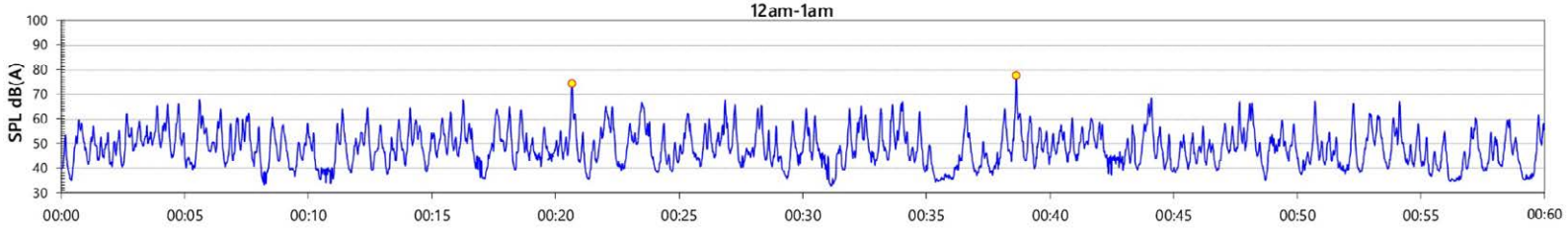
10pm-11pm



11pm-12am



12am-1am



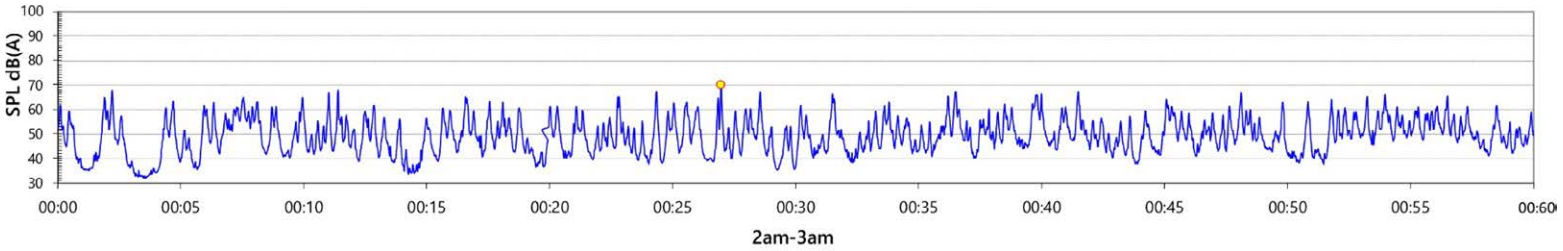
1am-2am

Template: QTE-01 dBMAX (r30)

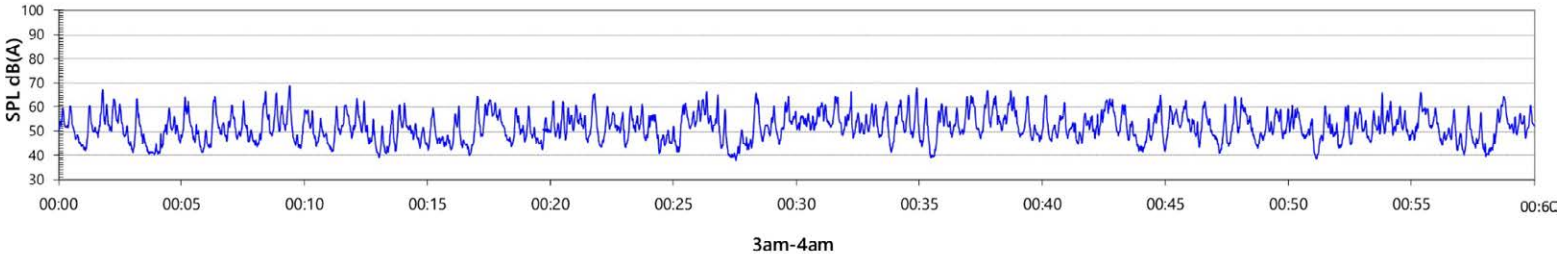
dBMAX Maximum Noise Level Analysis

Acoustics
Vibration
Structural Dynamics

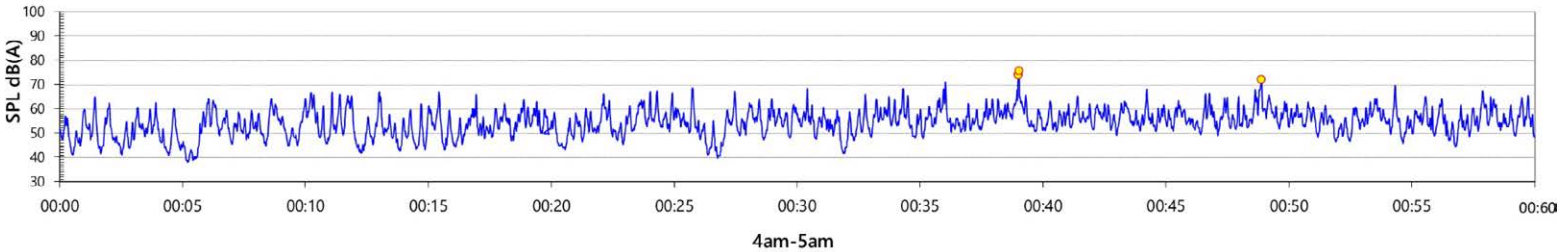
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www.renzotonin.com.au



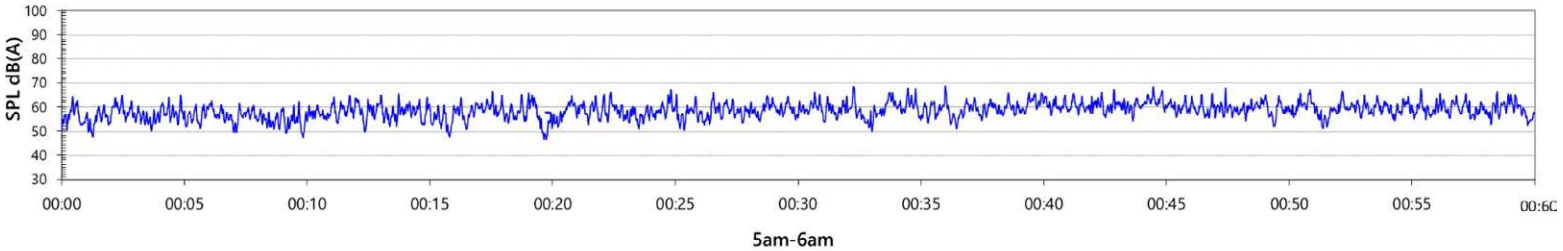
2am-3am



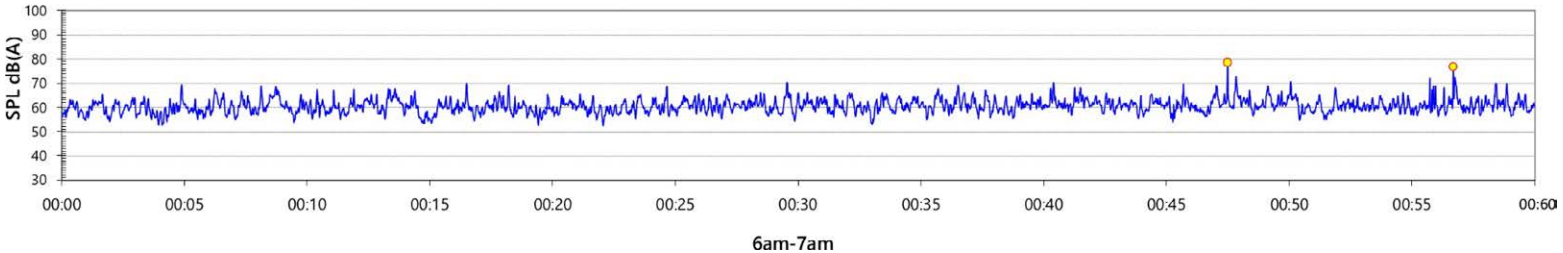
3am-4am



4am-5am



5am-6am



6am-7am

Template: QTE-01 dBMAX (r30)

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Structural Dynamics

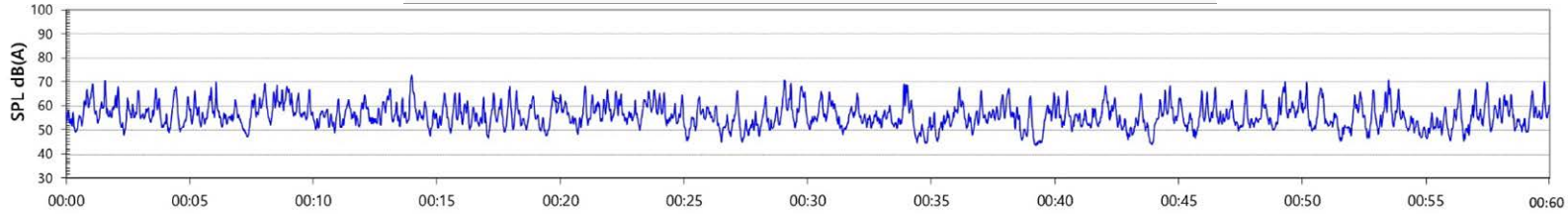
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Project Number: **TL081-01**
Address: 44 Sapphire Drive, Beresfield

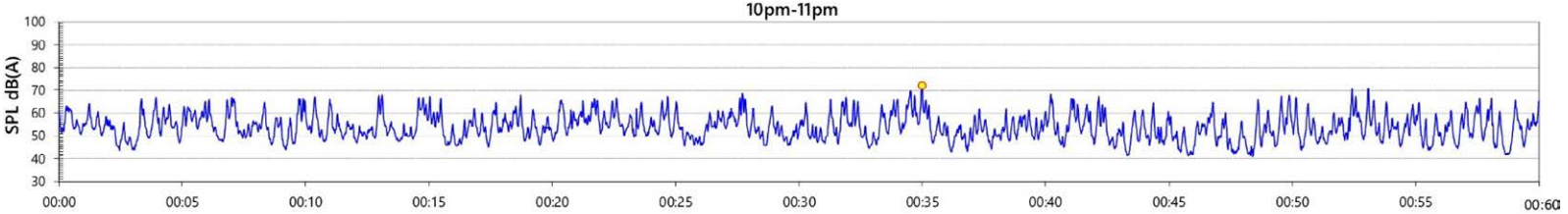
Start Date: Wednesday, 23 March 2016

LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A)

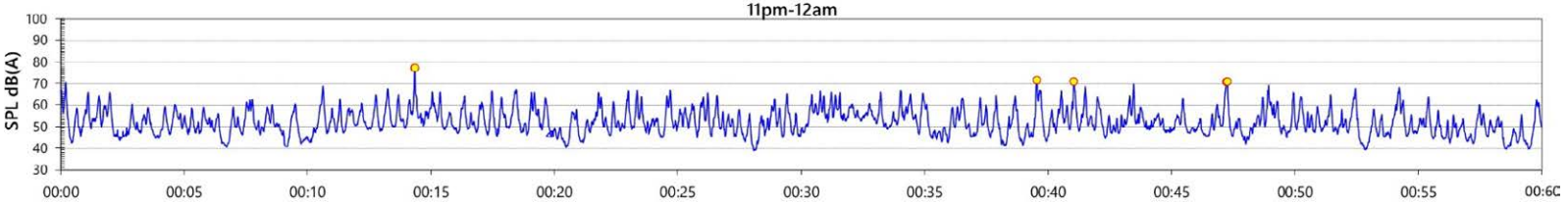
Summary Table										
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	58.3	56.8	55.8	54.7	54.4	55.5	57.0	59.6	61.1	58.2
LA90	49.5	46.4	44.7	40.8	41.4	43.4	47.4	53.4	57.0	-
Lav max	-	72.1	73.2	71.5	71.1	75.8	-	-	78.0	73.6
No Events	0	1	6	7	3	1	0	0	1	19



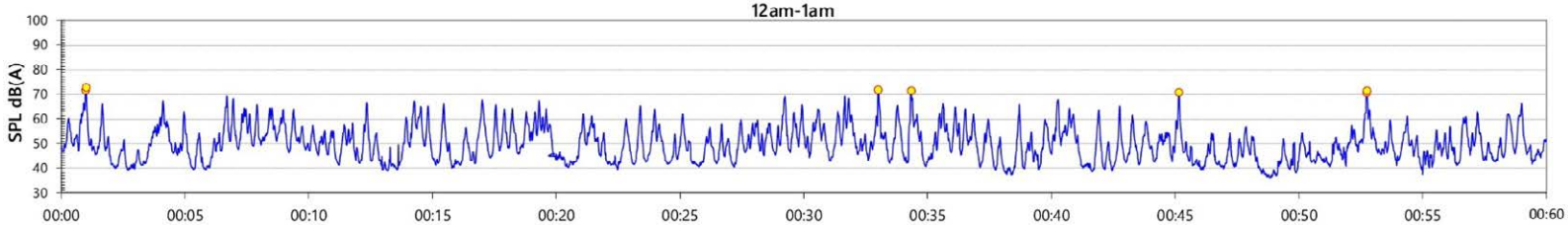
10pm-11pm



11pm-12am



12am-1am



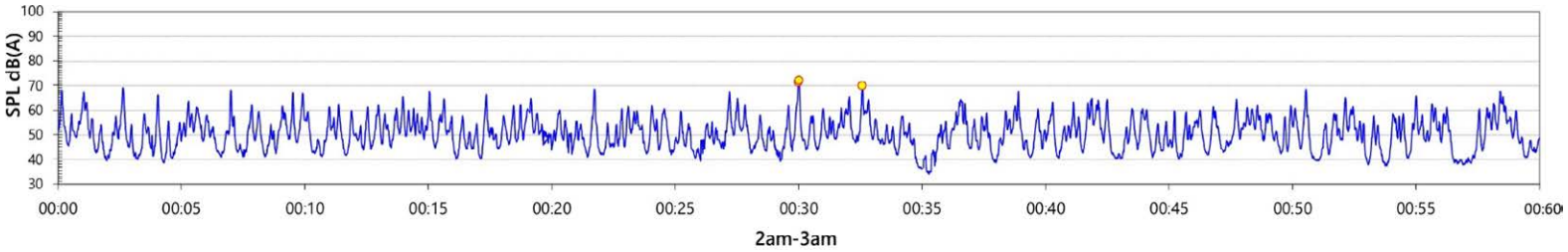
1am-2am

Template: QTE-01 dBMAX (r30)

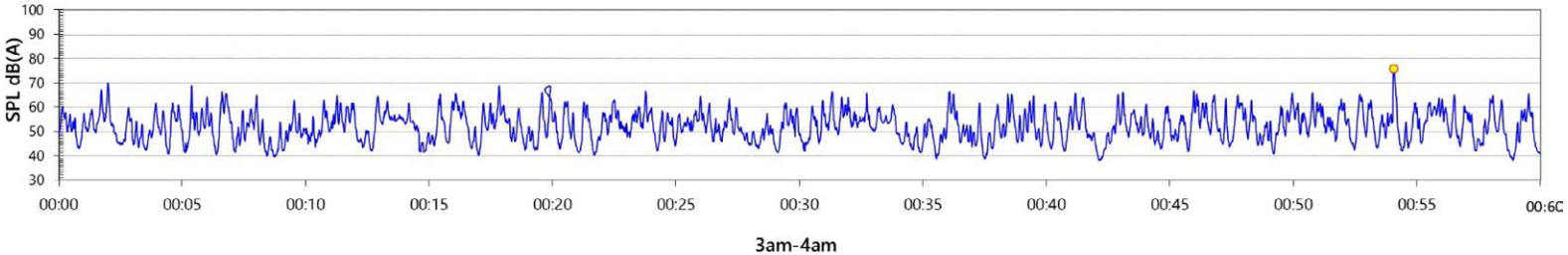
dBMAX Maximum Noise Level Analysis

Acoustics
Vibration
Structural Dynamics

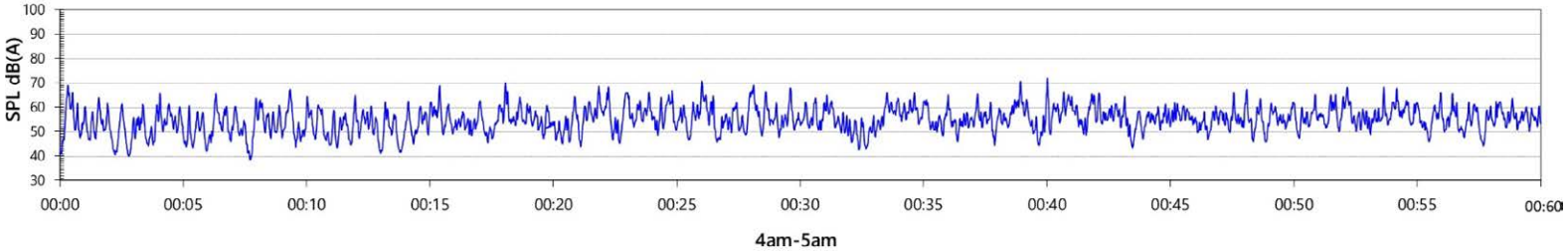
sydney@renzotonin.com.au
www.renzotonin.com.au



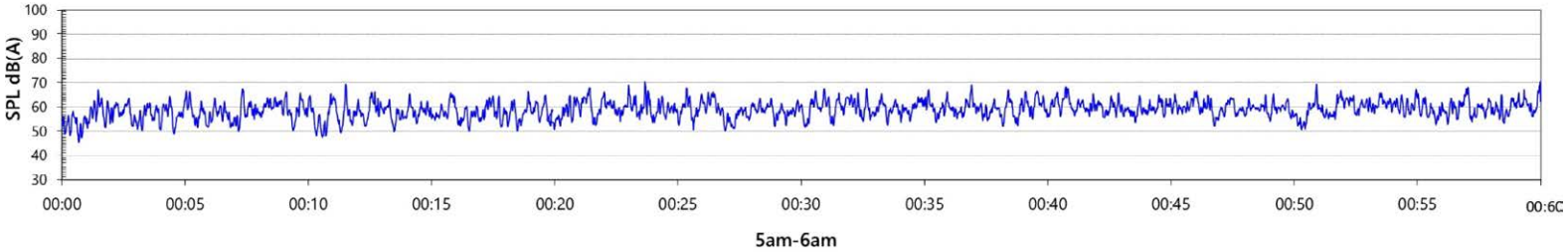
2am-3am



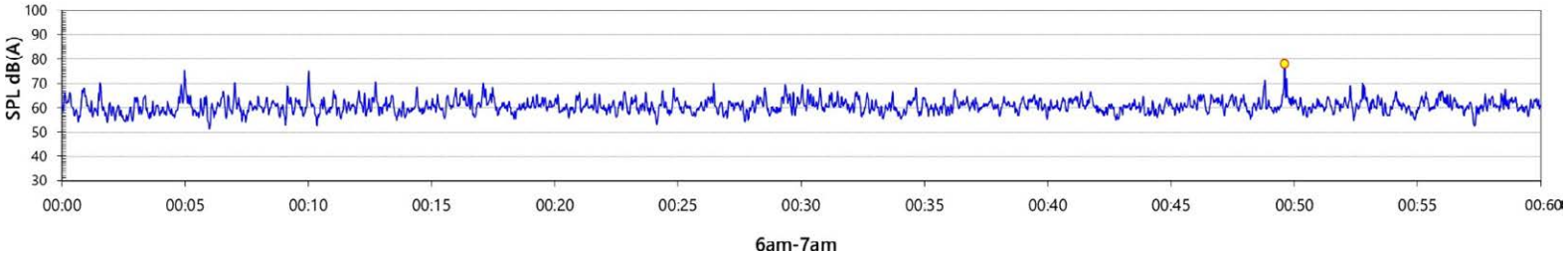
3am-4am



4am-5am



5am-6am



6am-7am

Template: QTE-01 dBMAX (r30)

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dBMAX Maximum Noise Level Analysis

Acoustics
Vibration
Structural Dynamics

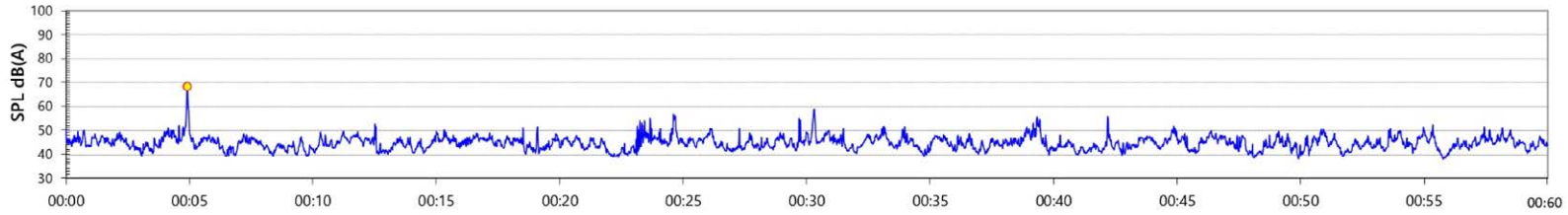
sydney@renzotonin.com.au
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Project Number: **TL081-01**
Address: 11 Central Avenue, Tarro

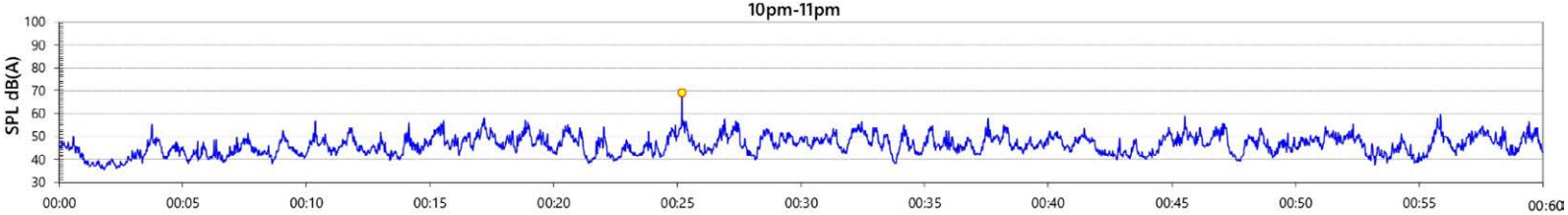
Start Date: Tuesday, 15 March 2016

LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A)

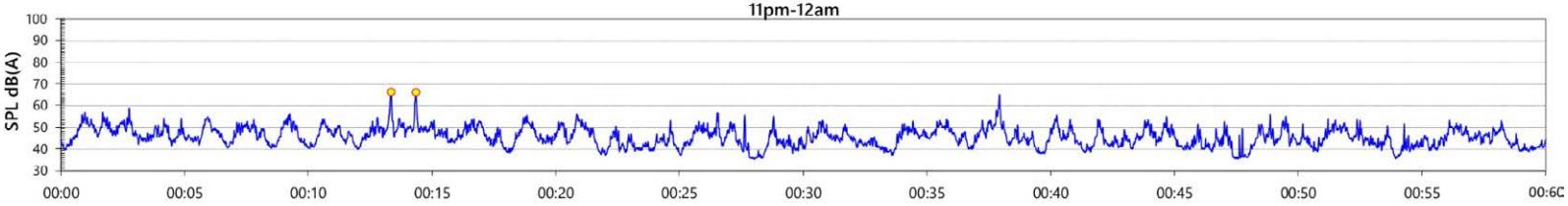
Summary Table	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	45.3	47.3	47.2	41.8	46.0	44.9	48.2	50.4	56.7	51.5
LA90	40.8	40.5	39.5	37.2	39.0	39.8	41.8	47.3	51.1	-
Lav max	68.4	69.2	66.3	65.2	-	-	67.0	-	75.0	68.5
No Events	2	1	2	1	0	0	1	0	2	9



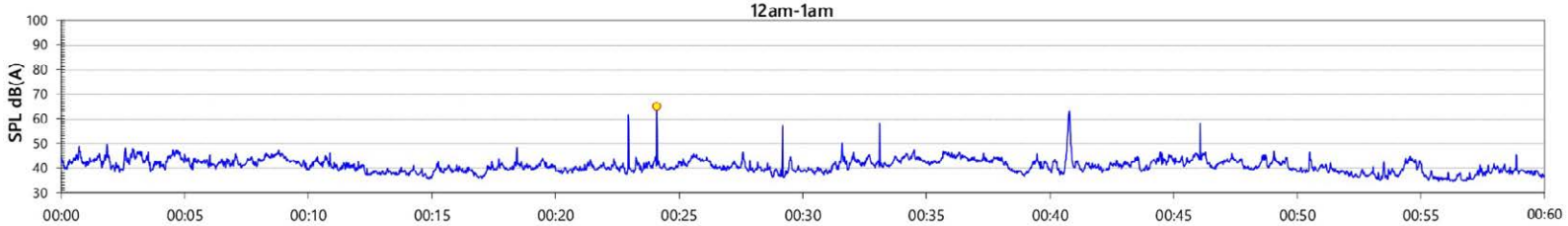
10pm-11pm



11pm-12am



12am-1am

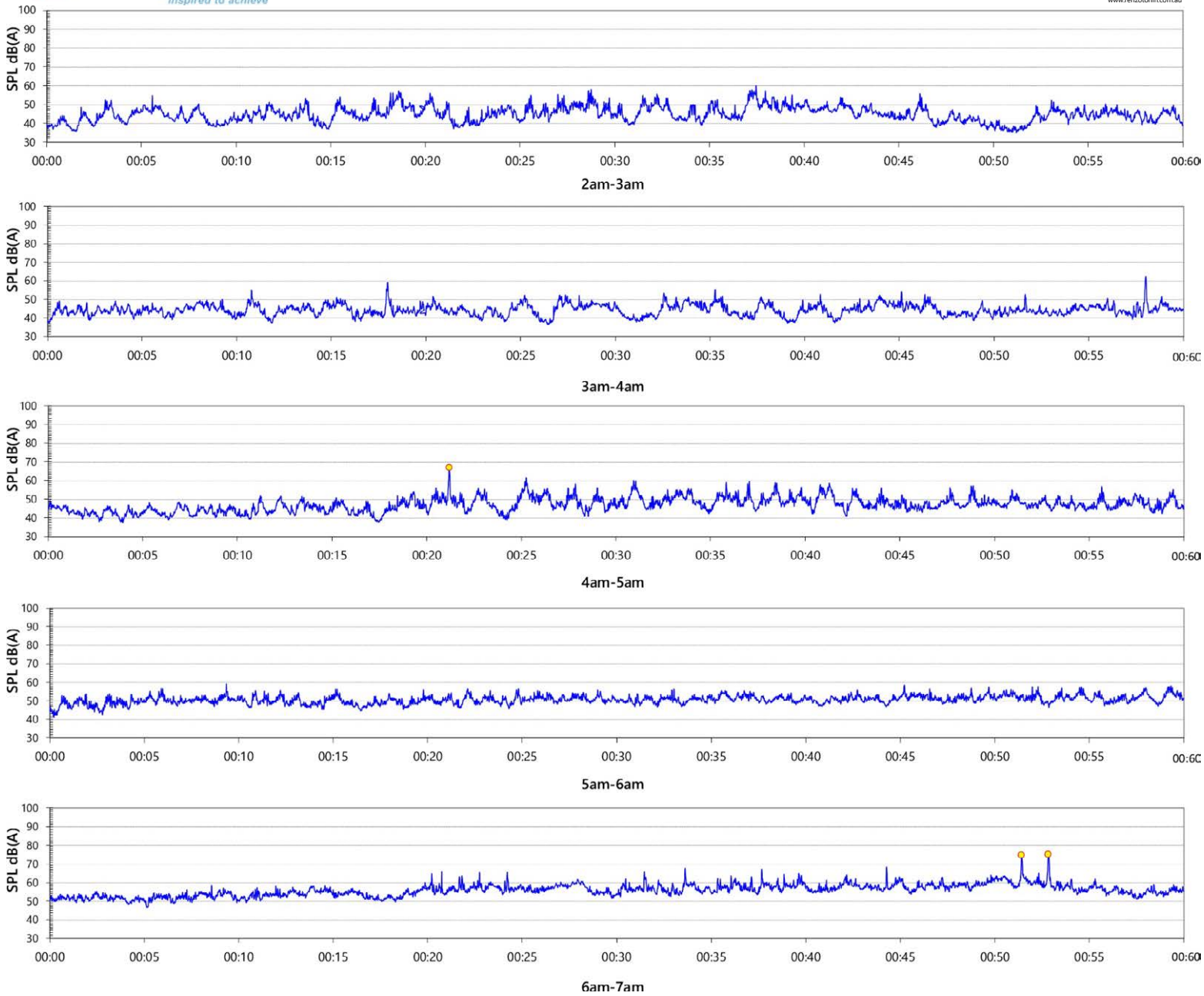


1am-2am

dBMAX Maximum Noise Level Analysis

Acoustics
Vibration
Structural Dynamics

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Template: QTE-01 dBMAX (r30)

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dBMAX Maximum Noise Level Analysis

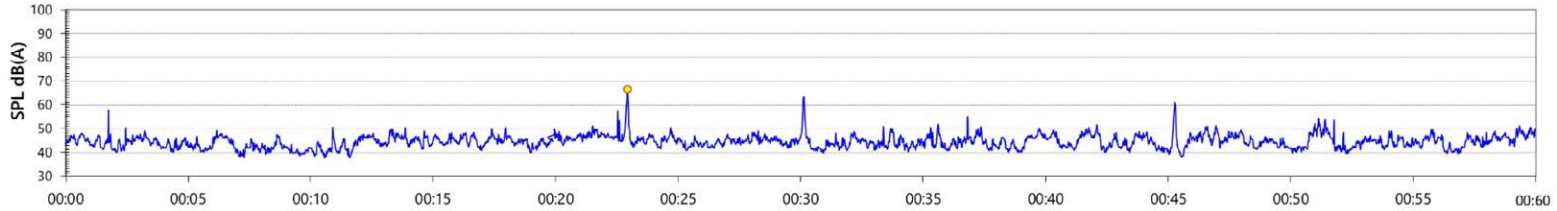
Project Number: **TL081-01**
Address: 11 Central Avenue, Tarro

Start Date: Wednesday, 16 March 2016

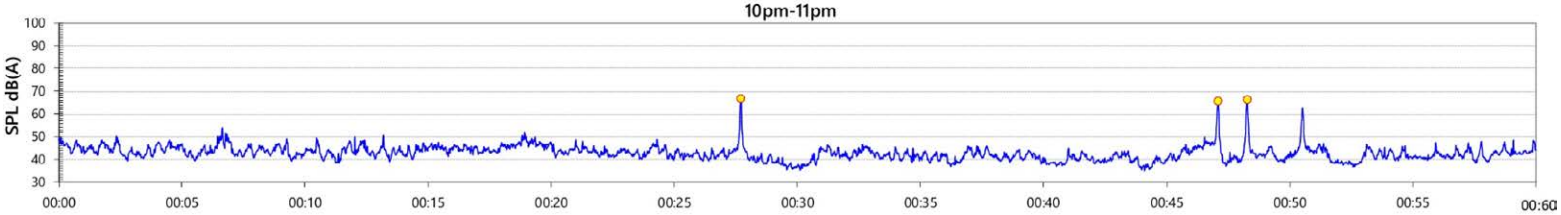
LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A)

Summary Table

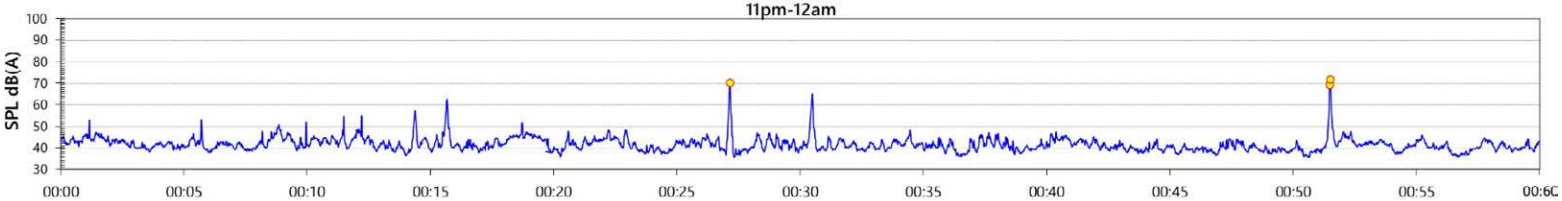
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	45.2	44.5	44.7	44.6	44.4	45.2	42.1	50.1	51.6	48.1
LA90	40.6	38.6	37.9	38.2	38.5	40.6	36.9	41.8	46.1	-
Lav max	66.6	66.4	70.5	68.6	-	-	67.7	65.4	70.4	67.9
No Events	1	3	3	3	0	0	1	1	12	24



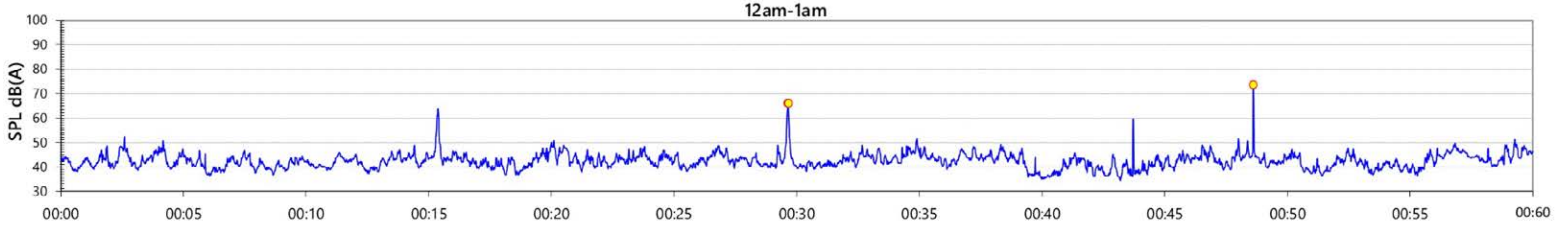
10pm-11pm



11pm-12am



12am-1am

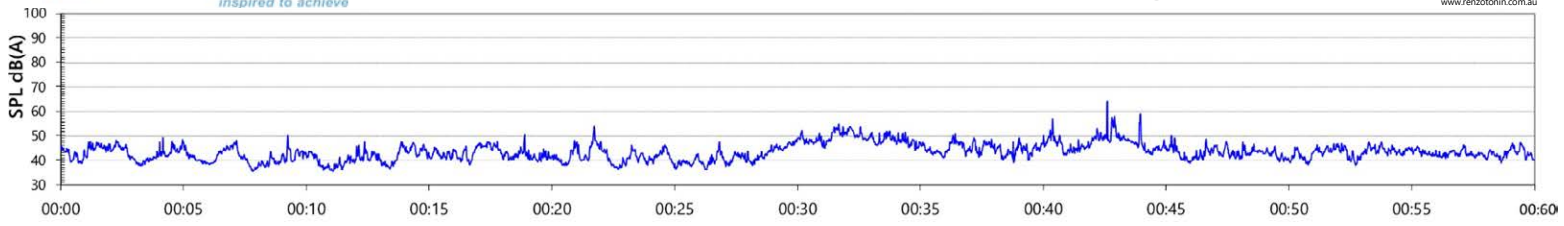


1am-2am

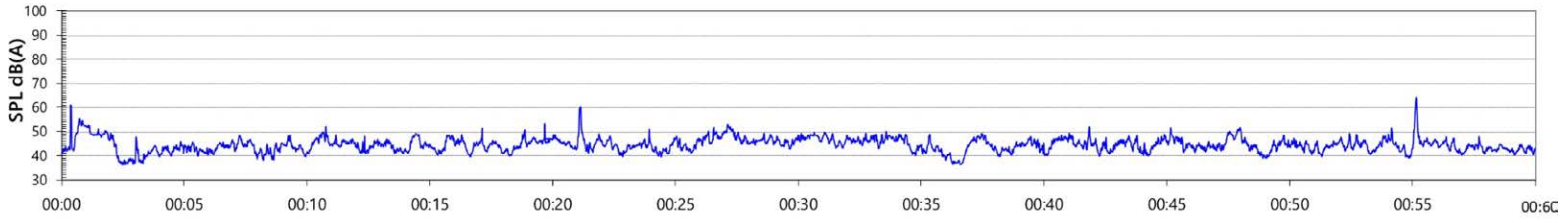
dBMAX Maximum Noise Level Analysis

Acoustics
Vibration
Structural Dynamics

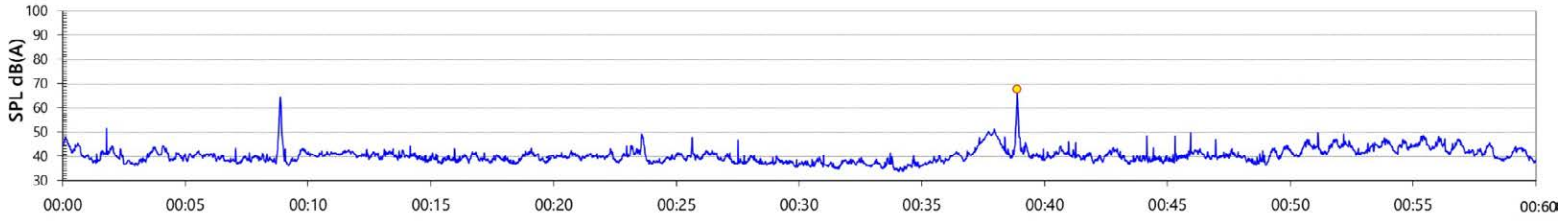
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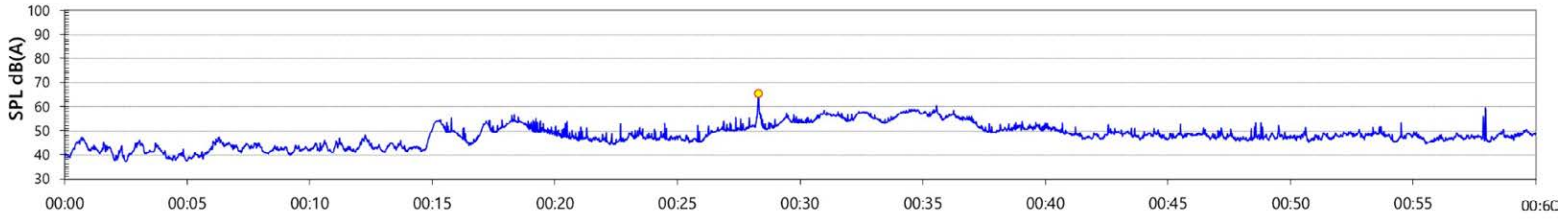
2am-3am



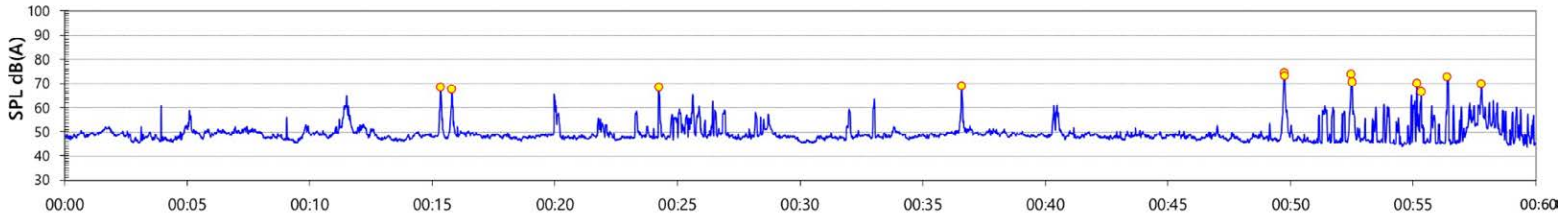
3am-4am



4am-5am



5am-6am



6am-7am

Template: QTE-01 dBMAX (r30)

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dBMAX Maximum Noise Level Analysis

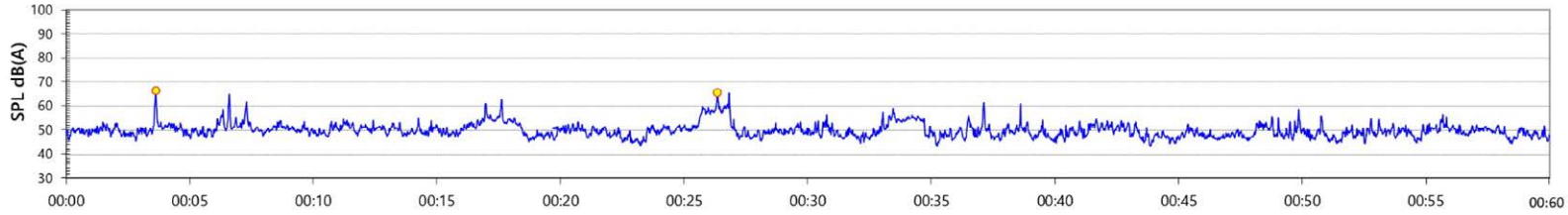
Project Number: **TL081-01**
Address: 11 Central Avenue, Tarro

Start Date: Thursday, 17 March 2016

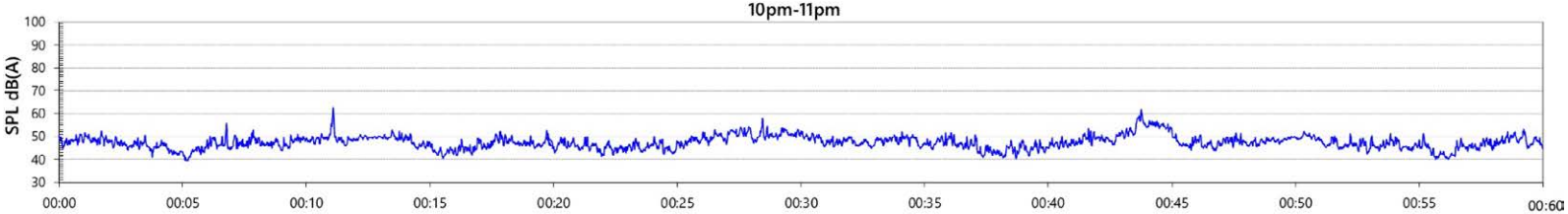
LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A)

Summary Table

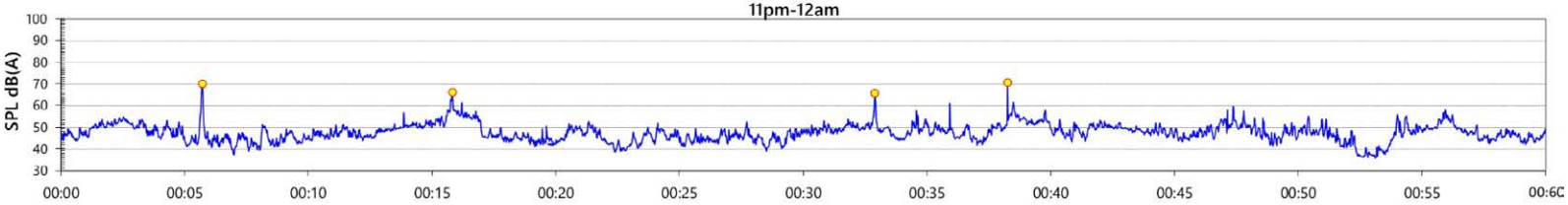
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	50.5	47.9	49.1	49.2	49.3	50.1	49.1	50.4	57.9	53.0
LA90	46.2	43.4	42.3	41.8	41.1	44.0	43.6	46.1	46.0	-
Lav max	66.0	-	68.2	66.7	67.6	67.5	-	68.6	79.0	69.1
No Events	2	0	4	2	2	3	0	1	12	26



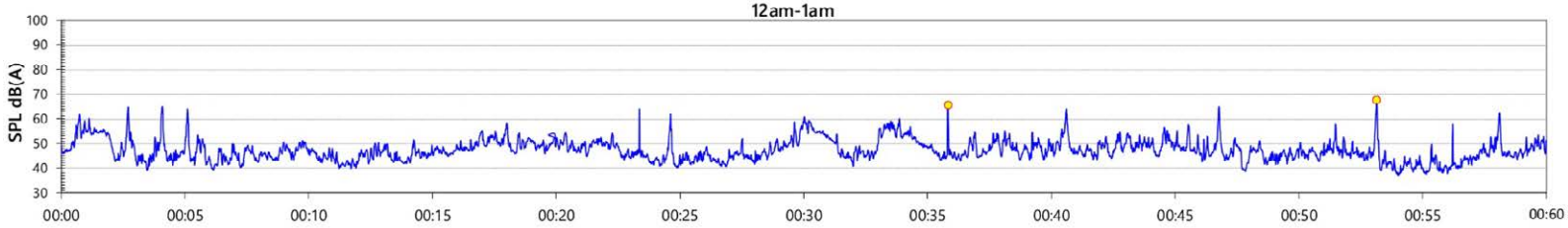
10pm-11pm



11pm-12am



12am-1am

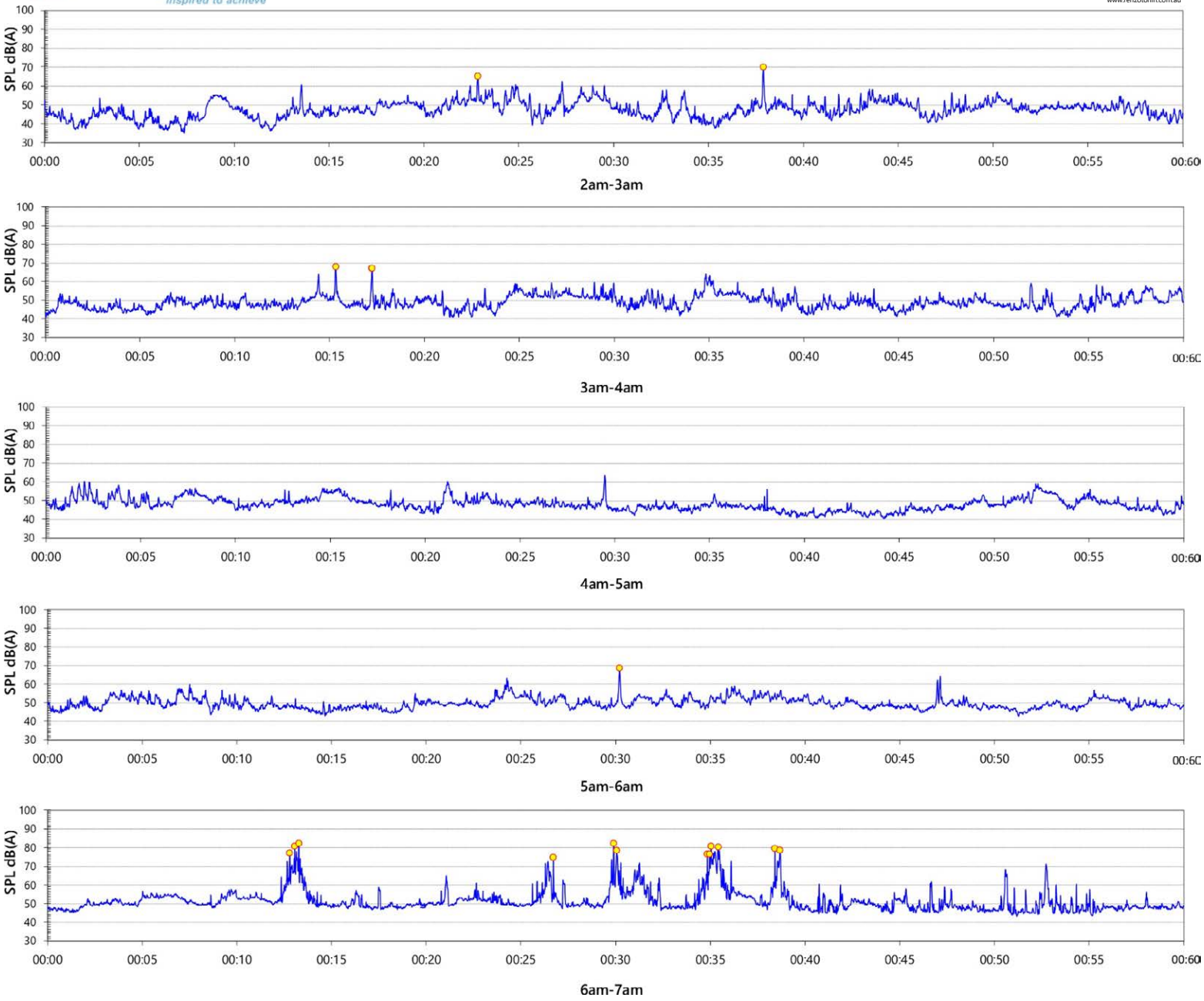


1am-2am

dBMAX Maximum Noise Level Analysis

Acoustics
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Structural Dynamics

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Template: QTE-01 dBMAX (r30)

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dBMAX Maximum Noise Level Analysis

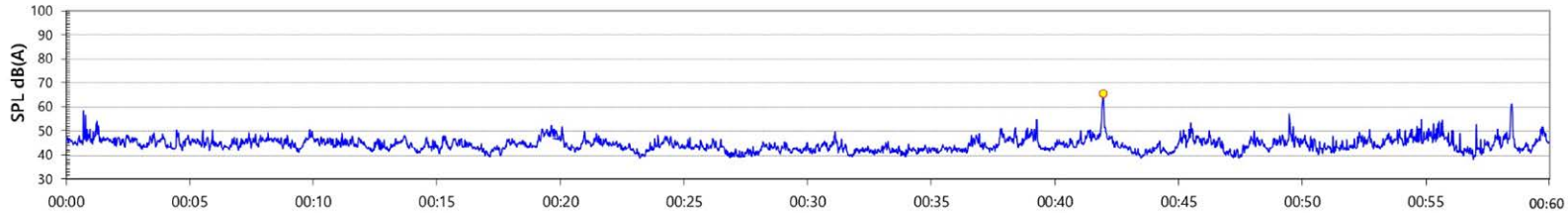
Project Number: **TL081-01**
Address: 11 Central Avenue, Tarro

Start Date: Friday, 18 March 2016

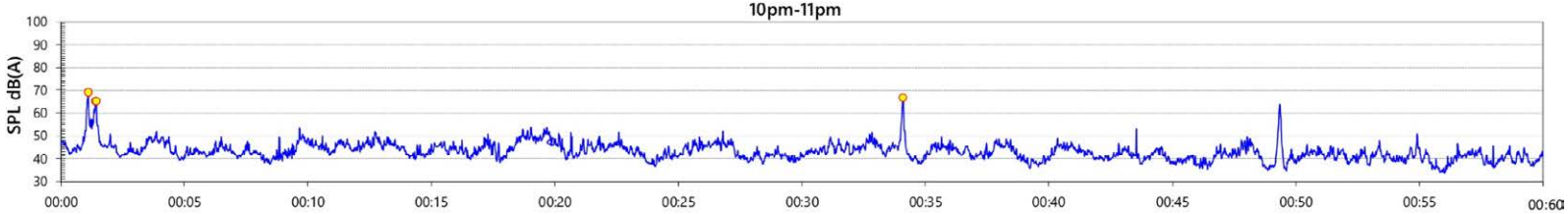
LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A)

Summary Table

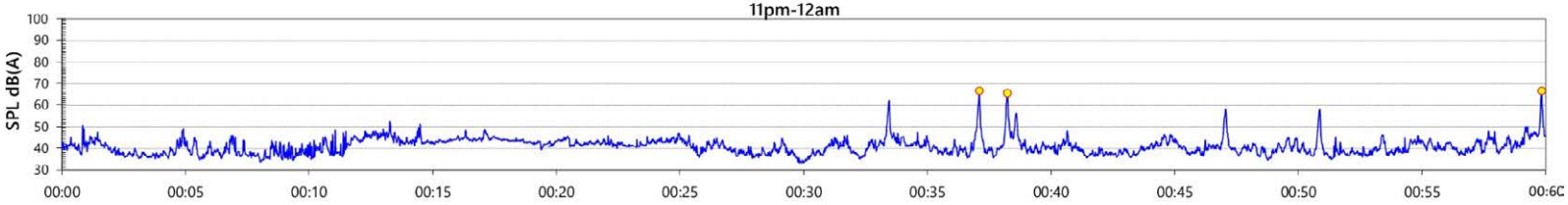
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	44.9	45.4	43.3	43.7	43.5	41.8	42.9	41.4	46.4	43.6
LA90	40.8	38.4	36.2	35.8	37.3	36.1	36.7	38.3	41.0	-
Lav max	65.6	66.7	66.3	66.8	68.6	65.3	66.2	-	67.2	66.6
No Events	1	4	3	3	1	1	1	0	4	18



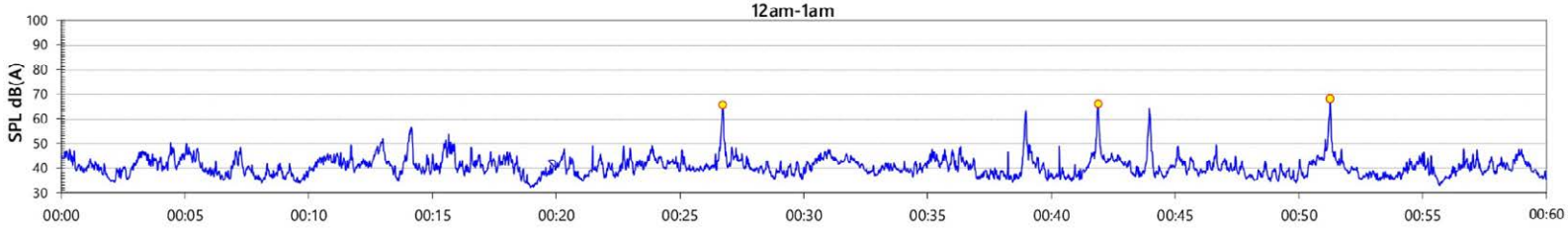
10pm-11pm



11pm-12am



12am-1am

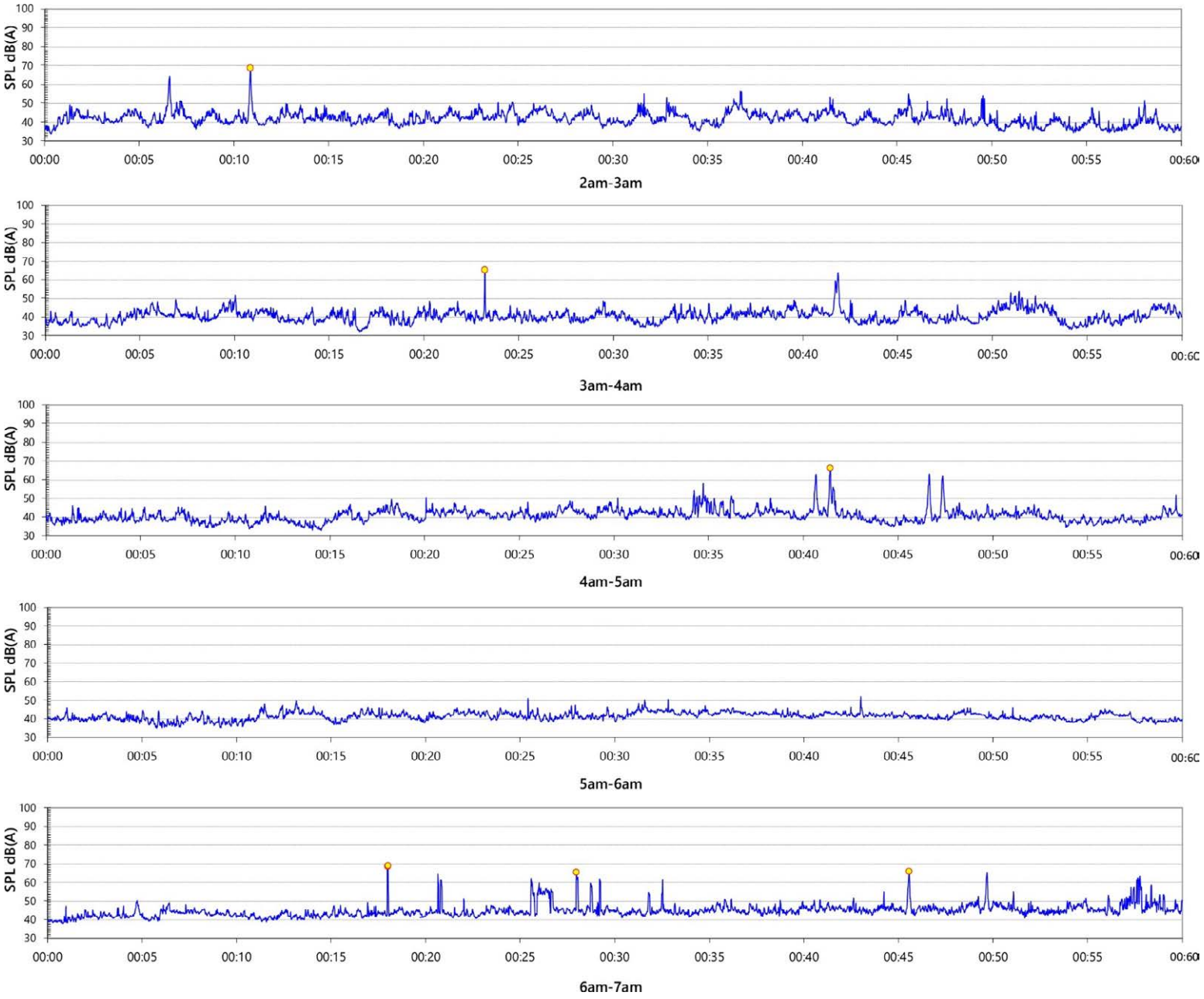


1am-2am

dBMAX Maximum Noise Level Analysis

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Template: QTE-01 dBMAX (r30)

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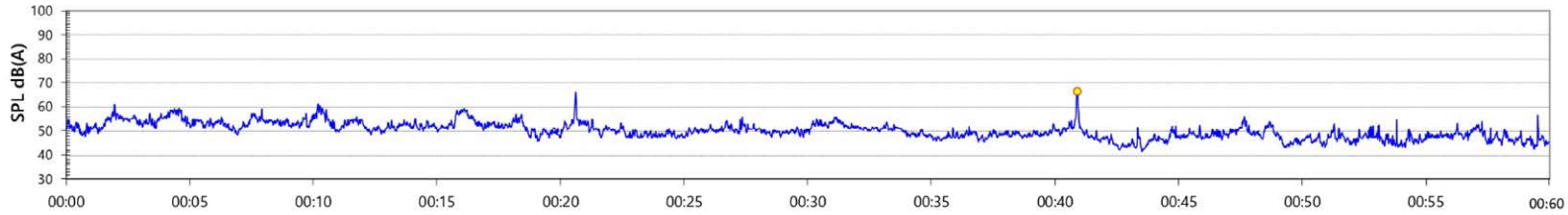
Project Number: **TL081-01**
Address: 11 Central Avenue, Tarro

Start Date: Saturday, 19 March 2016

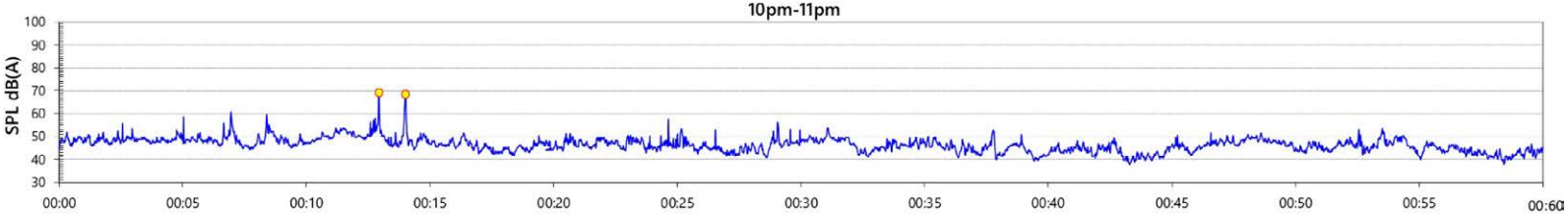
LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A)

Summary Table

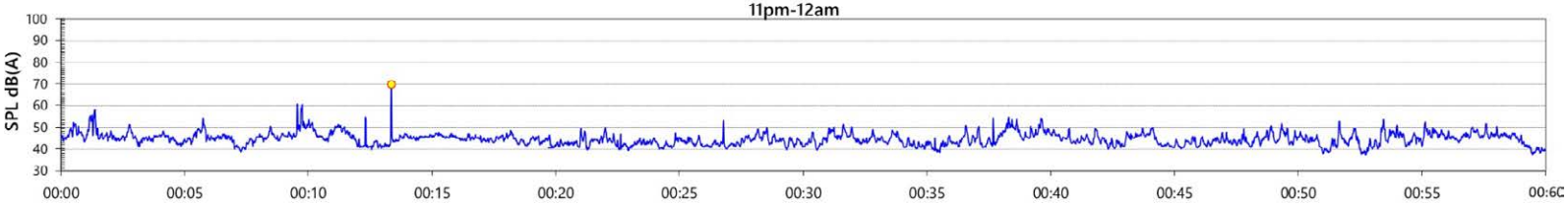
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	51.0	47.2	45.1	45.8	45.8	44.0	43.4	46.5	47.6	45.7
LA90	45.6	42.0	40.7	38.6	38.2	36.5	38.1	41.2	43.4	-
Lav max	66.6	68.9	69.8	66.3	-	-	-	-	68.6	68.0
No Events	1	2	1	3	0	0	0	0	1	8



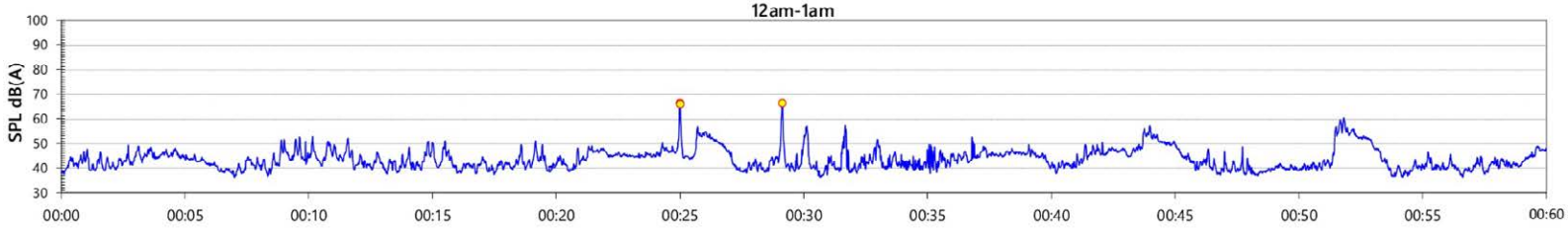
10pm-11pm



11pm-12am



12am-1am

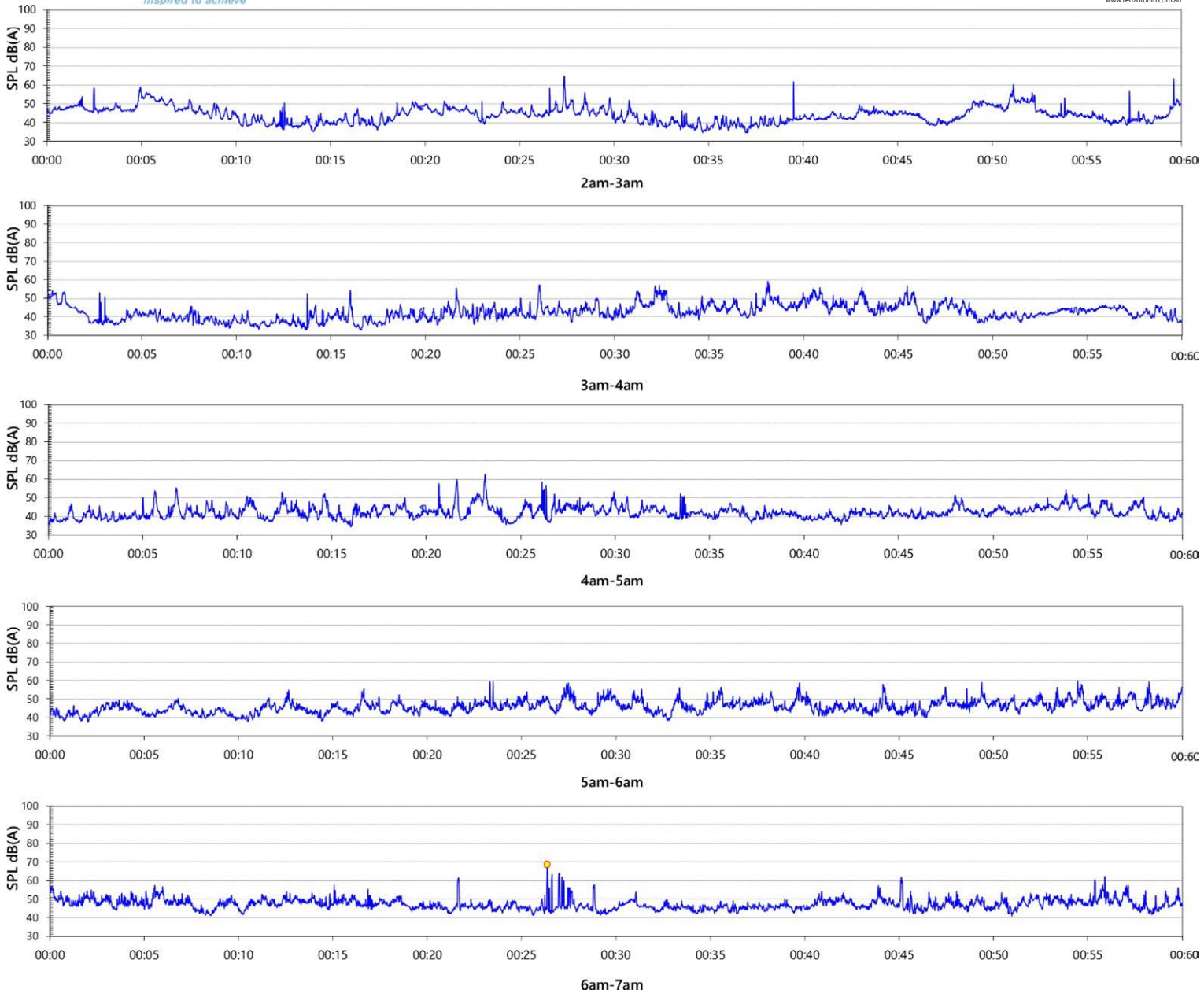


1am-2am

dBMAX Maximum Noise Level Analysis

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dBMAX Maximum Noise Level Analysis

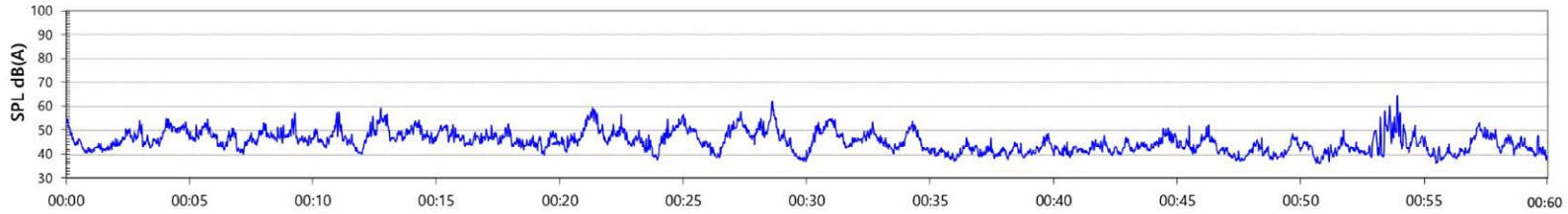
Project Number: **TL081-01**
Address: 11 Central Avenue, Tarro

Start Date: Sunday, 20 March 2016

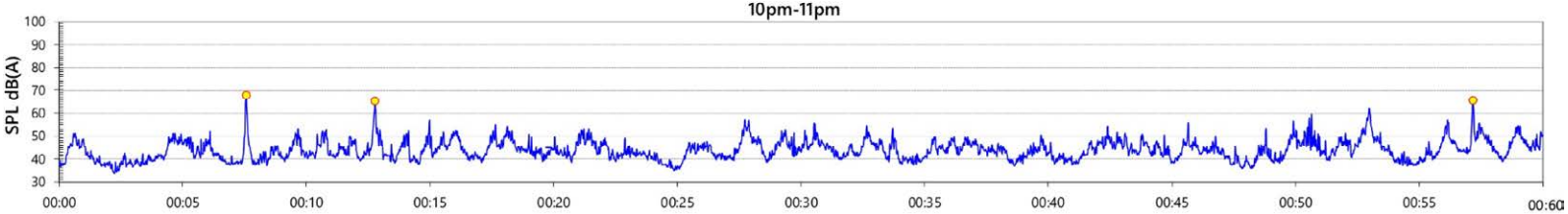
LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A)

Summary Table

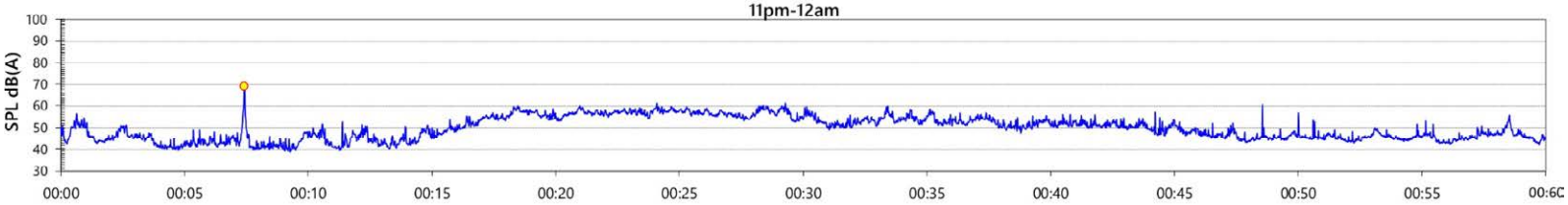
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	46.8	46.0	52.0	41.1	53.6	45.7	49.9	48.9	49.9	50.3
LA90	39.6	38.1	42.2	35.0	44.5	40.6	41.3	46.2	44.6	-
Lav max	-	66.4	69.3	-	-	65.2	70.7	-	68.3	68.0
No Events	0	3	1	0	0	1	1	0	5	11



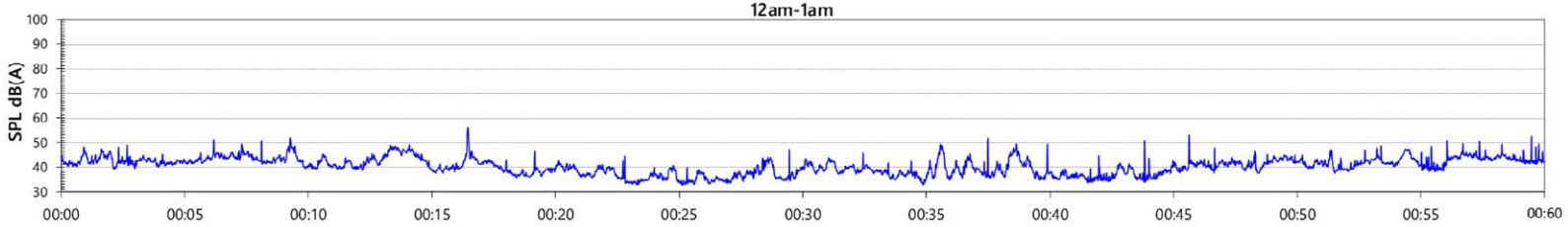
10pm-11pm



11pm-12am



12am-1am

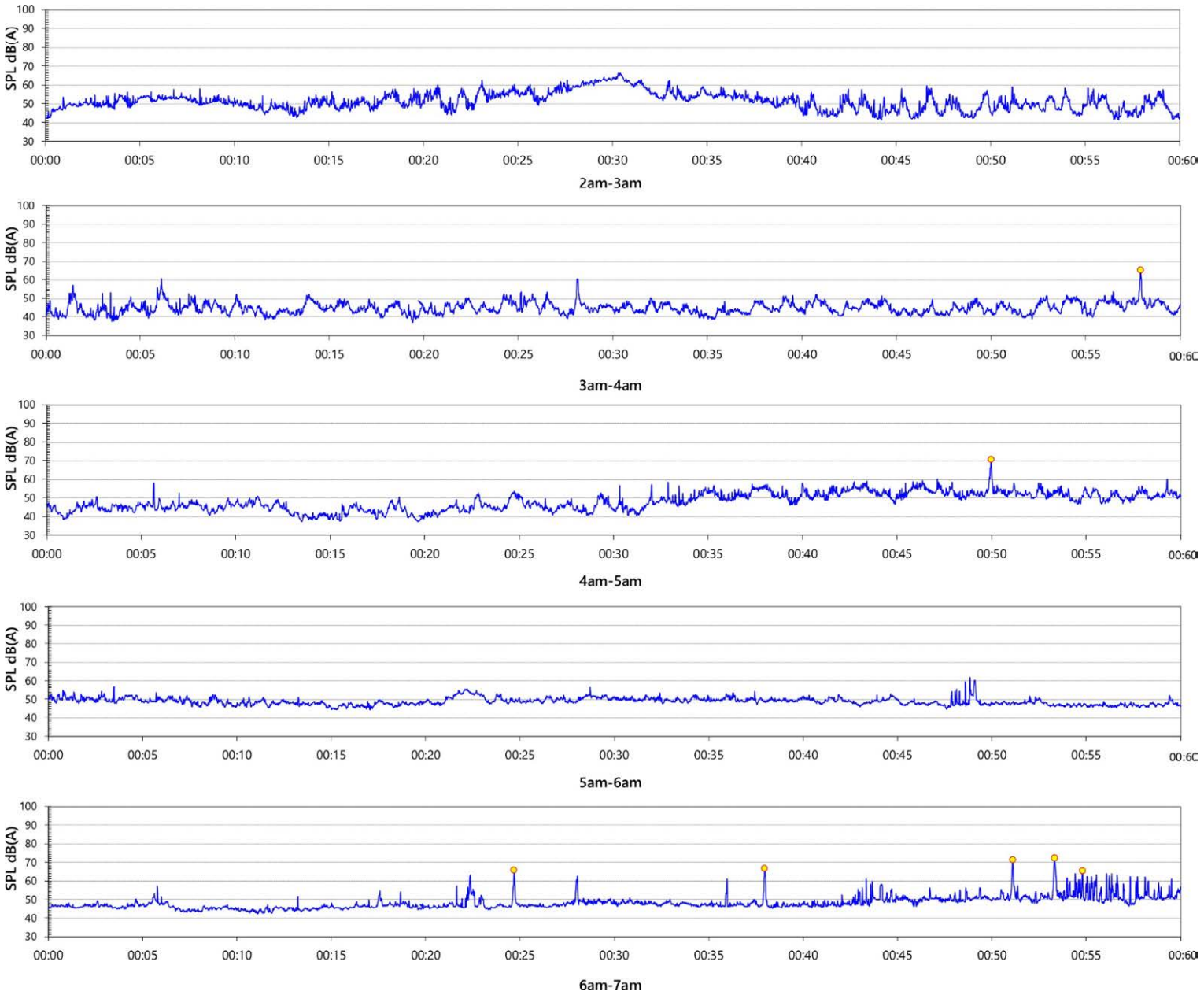


1am-2am

dBMAX Maximum Noise Level Analysis

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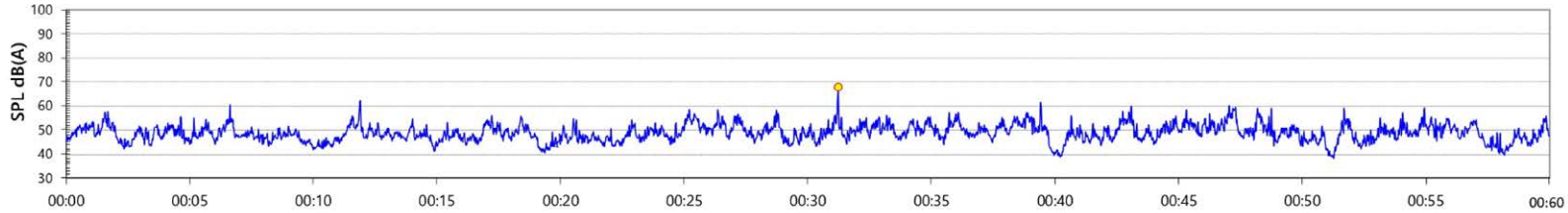
dBMAX Maximum Noise Level Analysis

Project Number: **TL081-01**
Address: 11 Central Avenue, Tarro

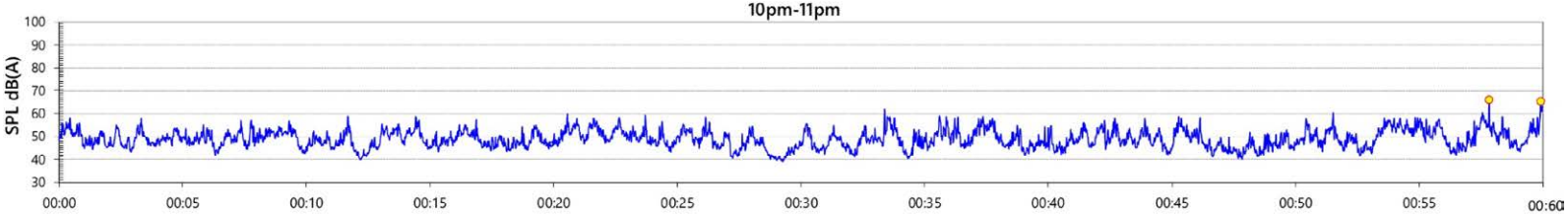
Start Date: Monday, 21 March 2016

LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A)

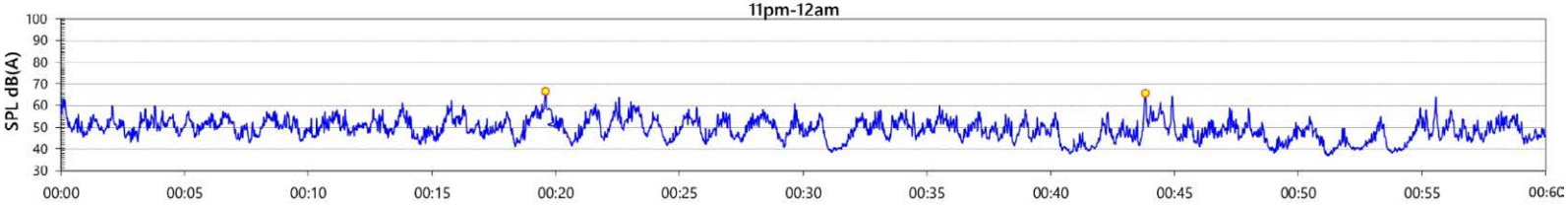
Summary Table	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	49.4	49.7	50.6	47.4	49.1	49.7	46.3	48.7	50.8	49.2
LA90	43.8	43.3	42.1	38.2	39.9	40.9	41.0	45.2	47.0	-
Lav max	67.9	65.8	66.2	-	-	-	65.5	67.9	70.5	67.3
No Events	1	2	2	0	0	0	1	1	2	9



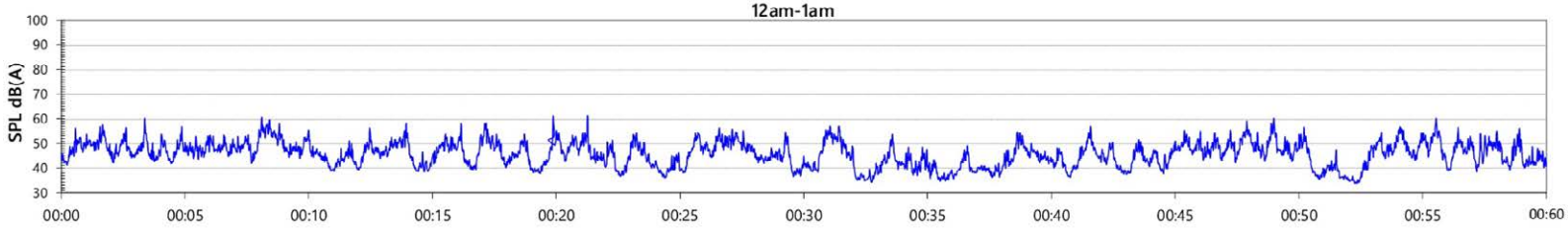
10pm-11pm



11pm-12am



12am-1am

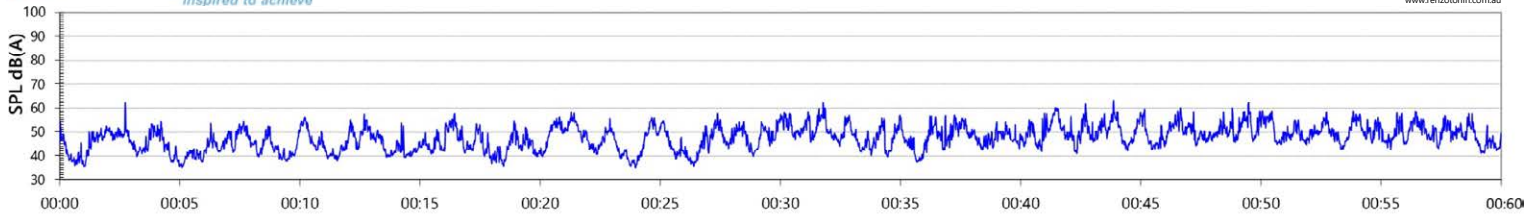


1am-2am

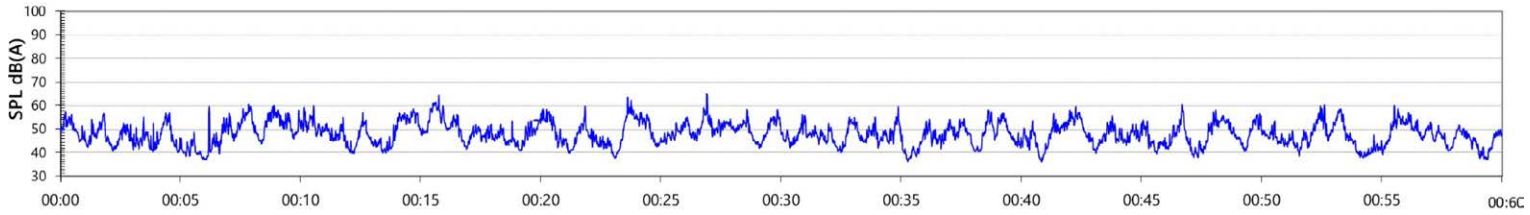
dBMAX Maximum Noise Level Analysis

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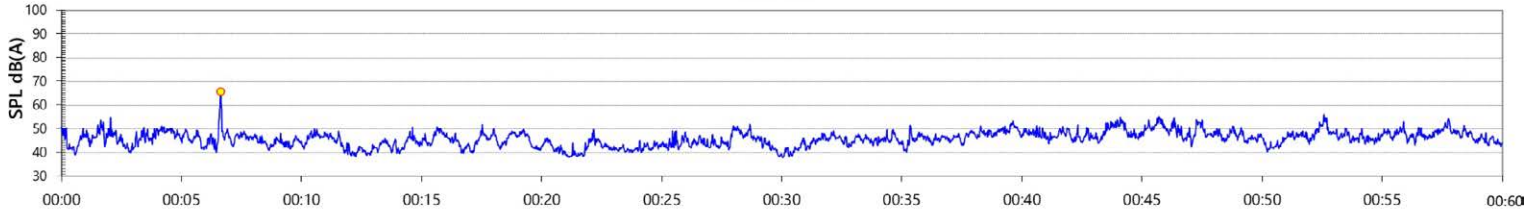
sydney@renzotonin.com.au
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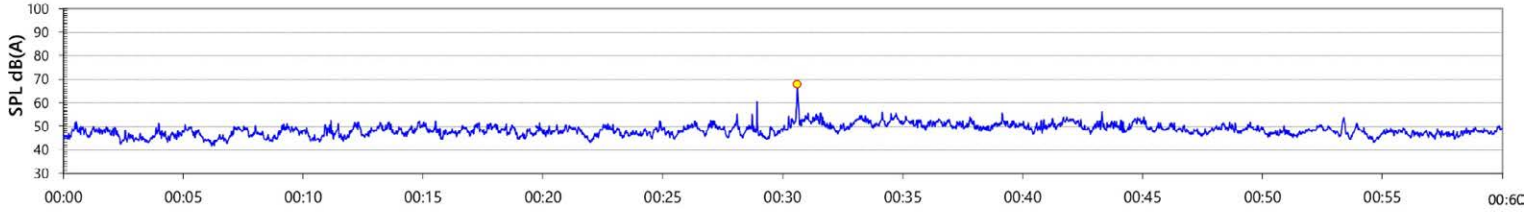
2am-3am



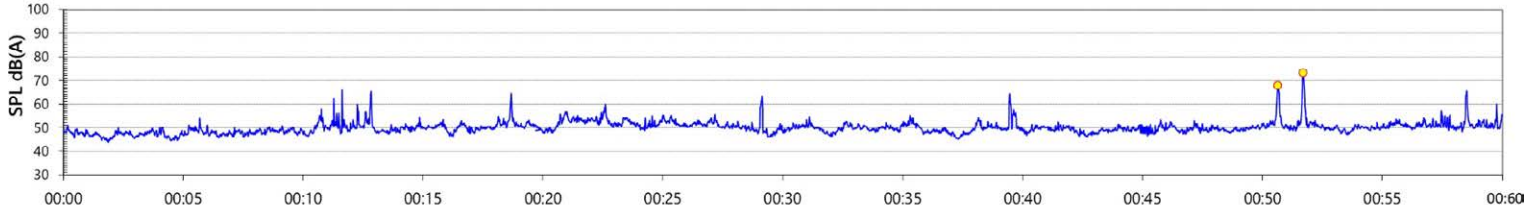
3am-4am



4am-5am



5am-6am



6am-7am

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dBMAX Maximum Noise Level Analysis

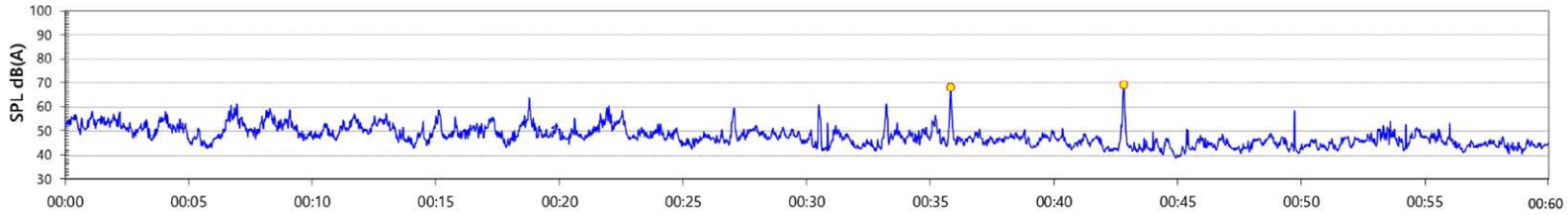
Project Number: **TL081-01**
Address: 11 Central Avenue, Tarro

Start Date: Tuesday, 22 March 2016

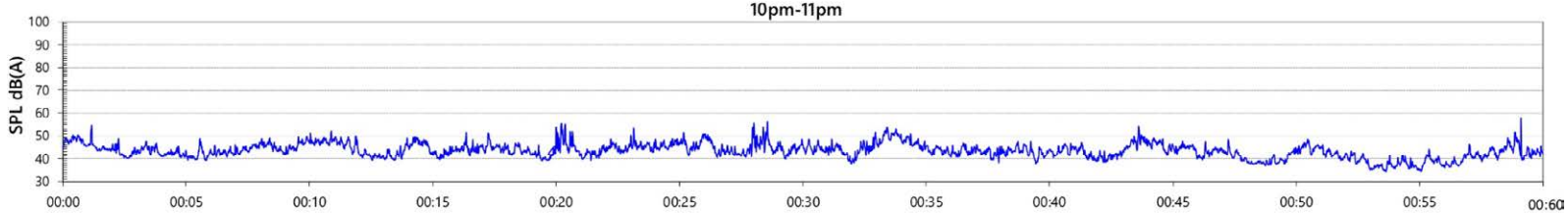
LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A)

Summary Table

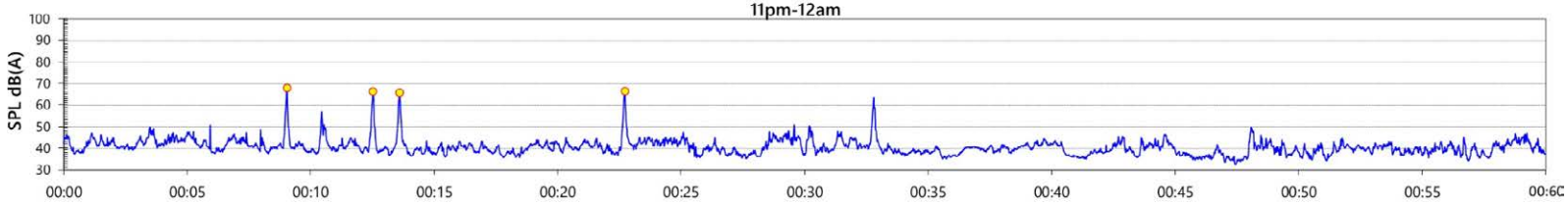
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	49.4	44.0	43.7	39.0	41.2	44.1	45.0	47.4	50.2	46.6
LA90	42.6	39.0	36.2	35.3	36.8	40.5	41.3	44.6	46.9	-
Lav max	68.8	-	66.7	-	-	-	-	-	67.6	67.7
No Events	2	0	4	0	0	0	0	0	5	11



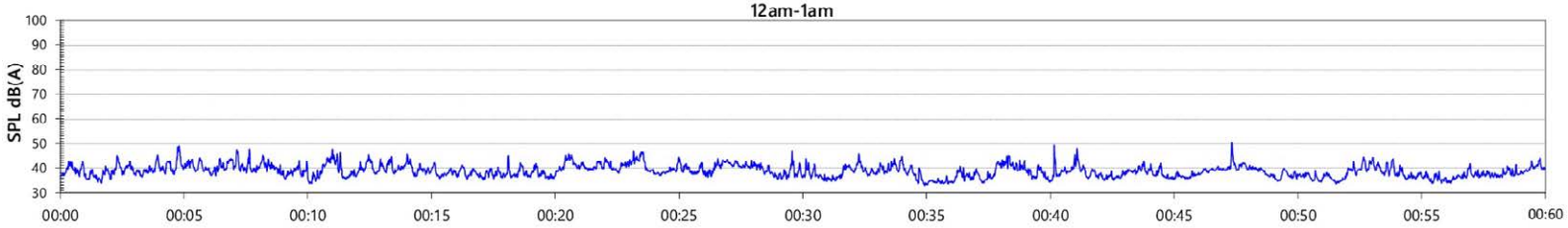
10pm-11pm



11pm-12am



12am-1am



1am-2am

dBMAX Maximum Noise Level Analysis

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dBMAX Maximum Noise Level Analysis

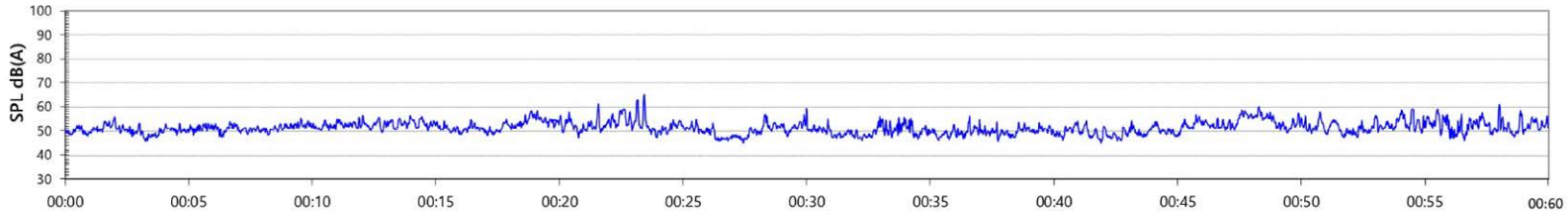
Project Number: **TL081-01**
Address: 11 Central Avenue, Tarro

Start Date: Wednesday, 23 March 2016

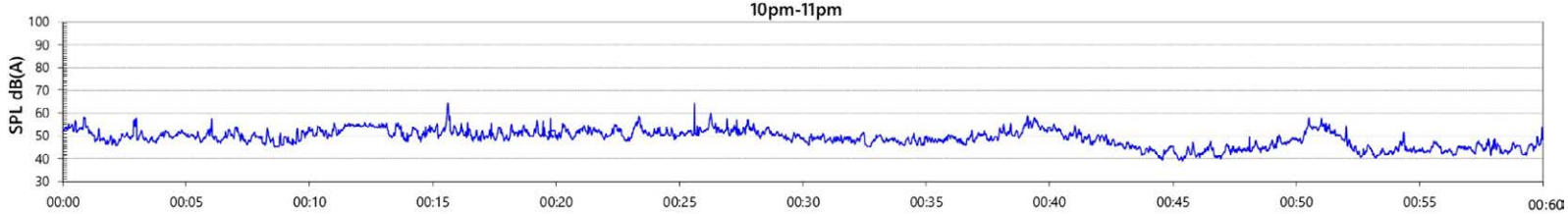
LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A)

Summary Table

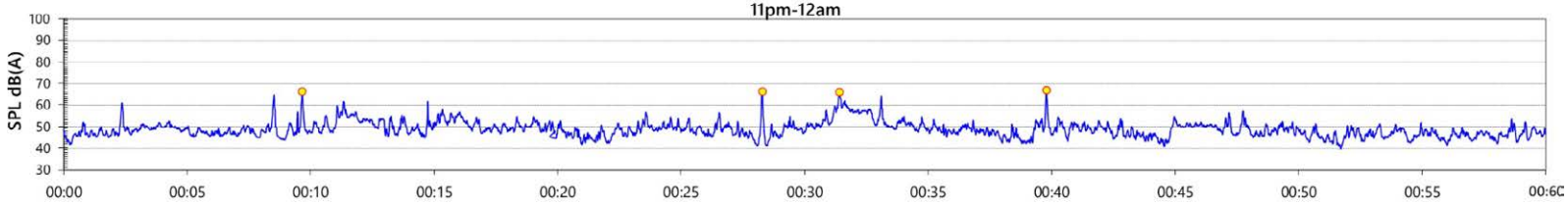
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	51.6	49.9	50.2	46.5	44.0	44.3	45.6	47.3	49.8	46.8
LA90	47.8	43.1	44.2	41.8	39.2	40.6	42.6	44.7	45.1	-
Lav max	-	-	66.4	-	-	-	65.6	-	69.5	67.2
No Events	0	0	4	0	0	0	1	0	4	9



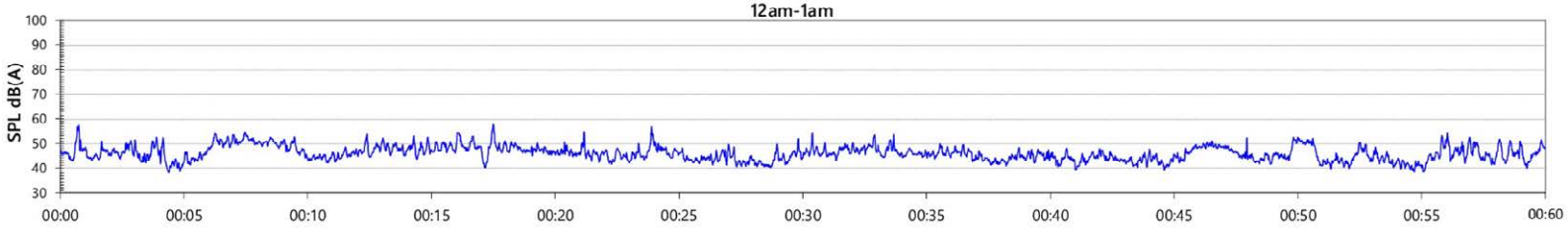
10pm-11pm



11pm-12am



12am-1am

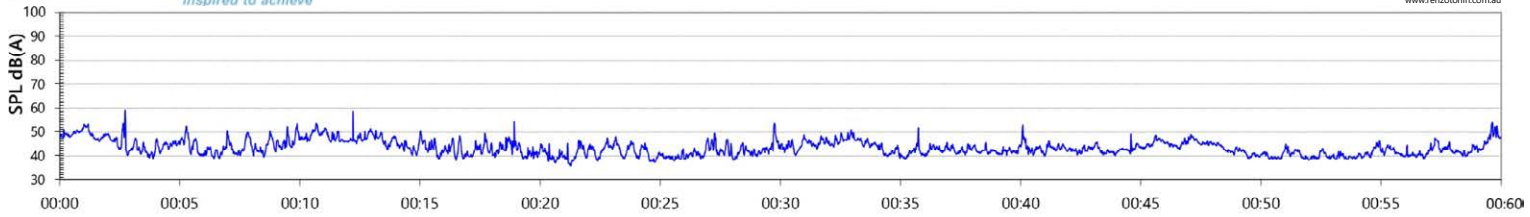


1am-2am

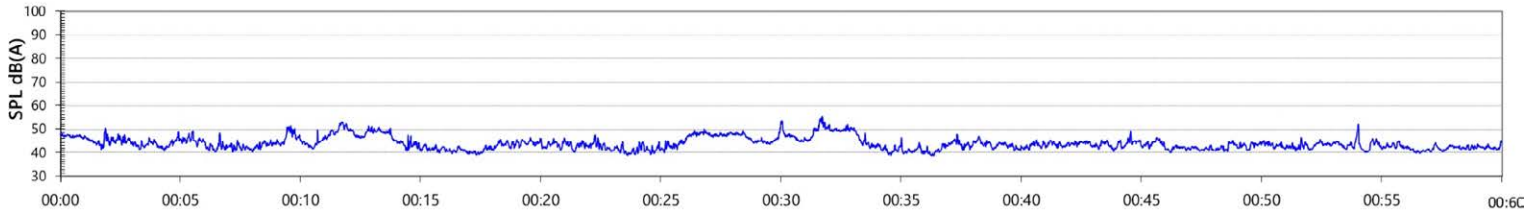
dBMAX Maximum Noise Level Analysis

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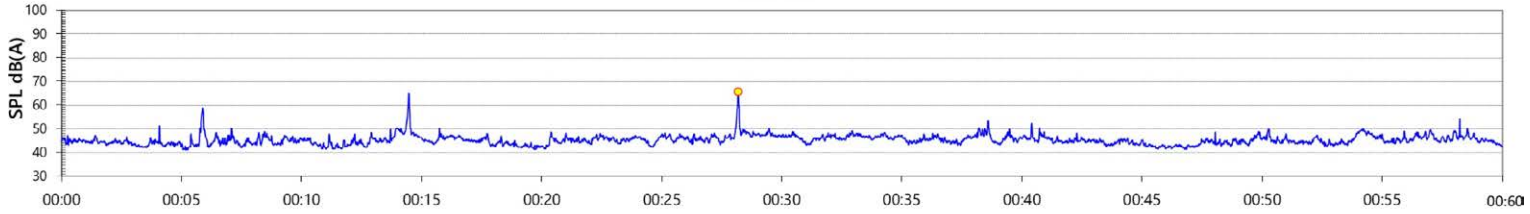
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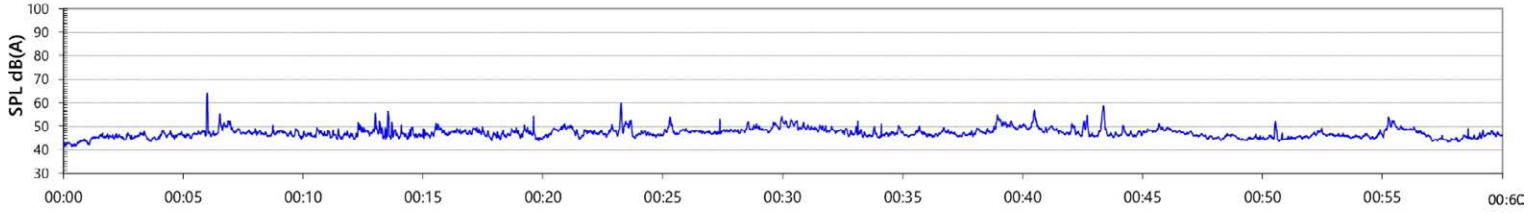
2am-3am



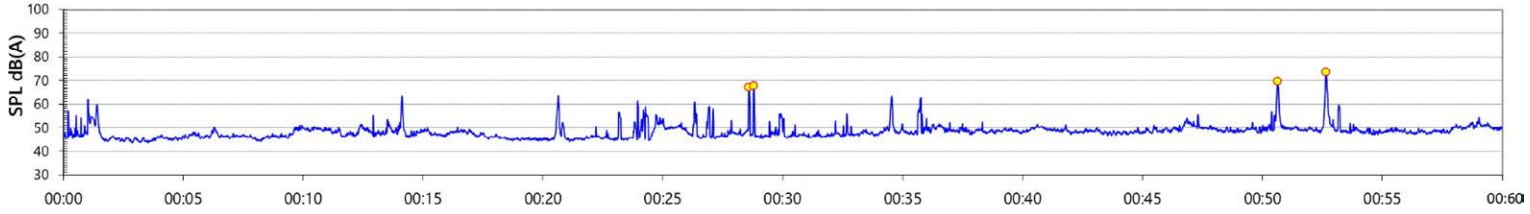
3am-4am



4am-5am



5am-6am



6am-7am

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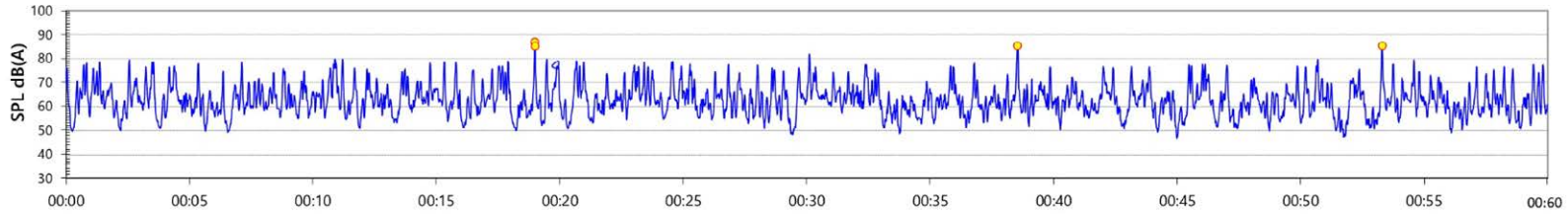
Project Number: **TL081-01**
Address: Proposed Interchange at Tarro

Start Date: Tuesday, 15 March 2016

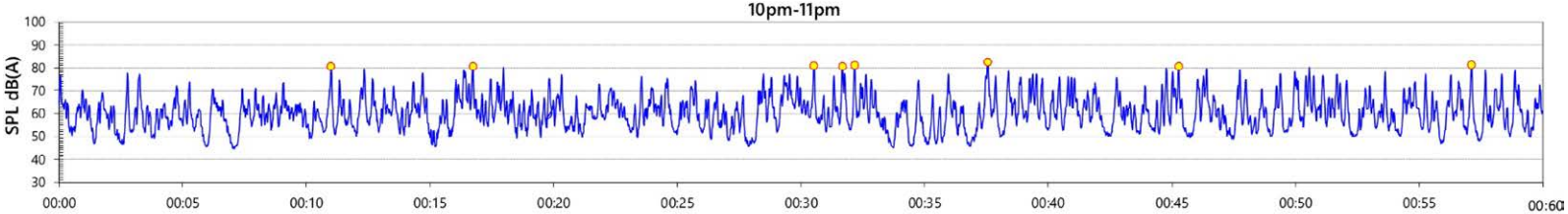
LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A)

Summary Table

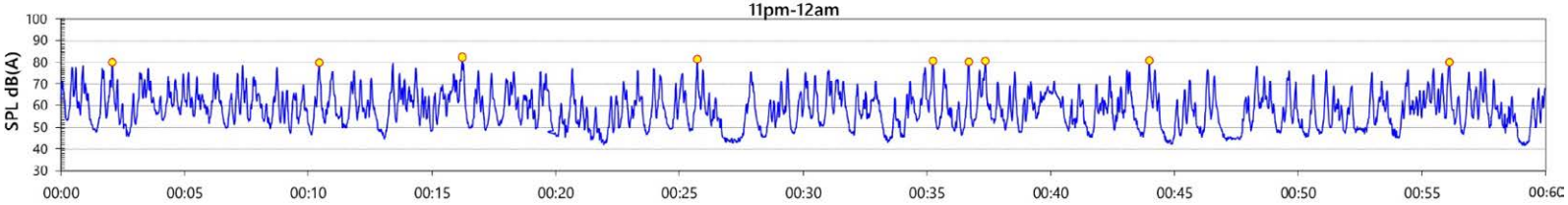
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	66.7	65.6	64.8	62.6	63.5	64.8	65.7	68.8	70.8	67.5
LA90	53.7	50.6	47.0	46.6	47.2	50.3	54.7	62.0	66.1	-
Lav max	85.8	81.1	80.7	79.2	80.0	81.9	-	-	-	81.4
No Events	4	8	9	9	6	1	0	0	0	37



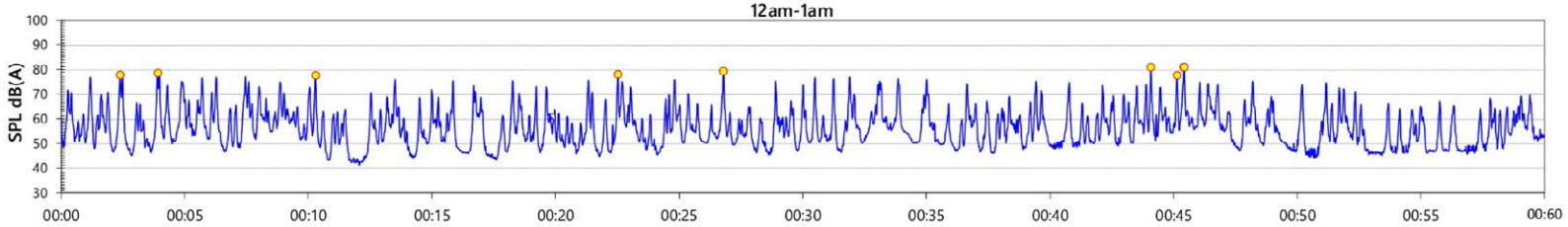
10pm-11pm



11pm-12am



12am-1am

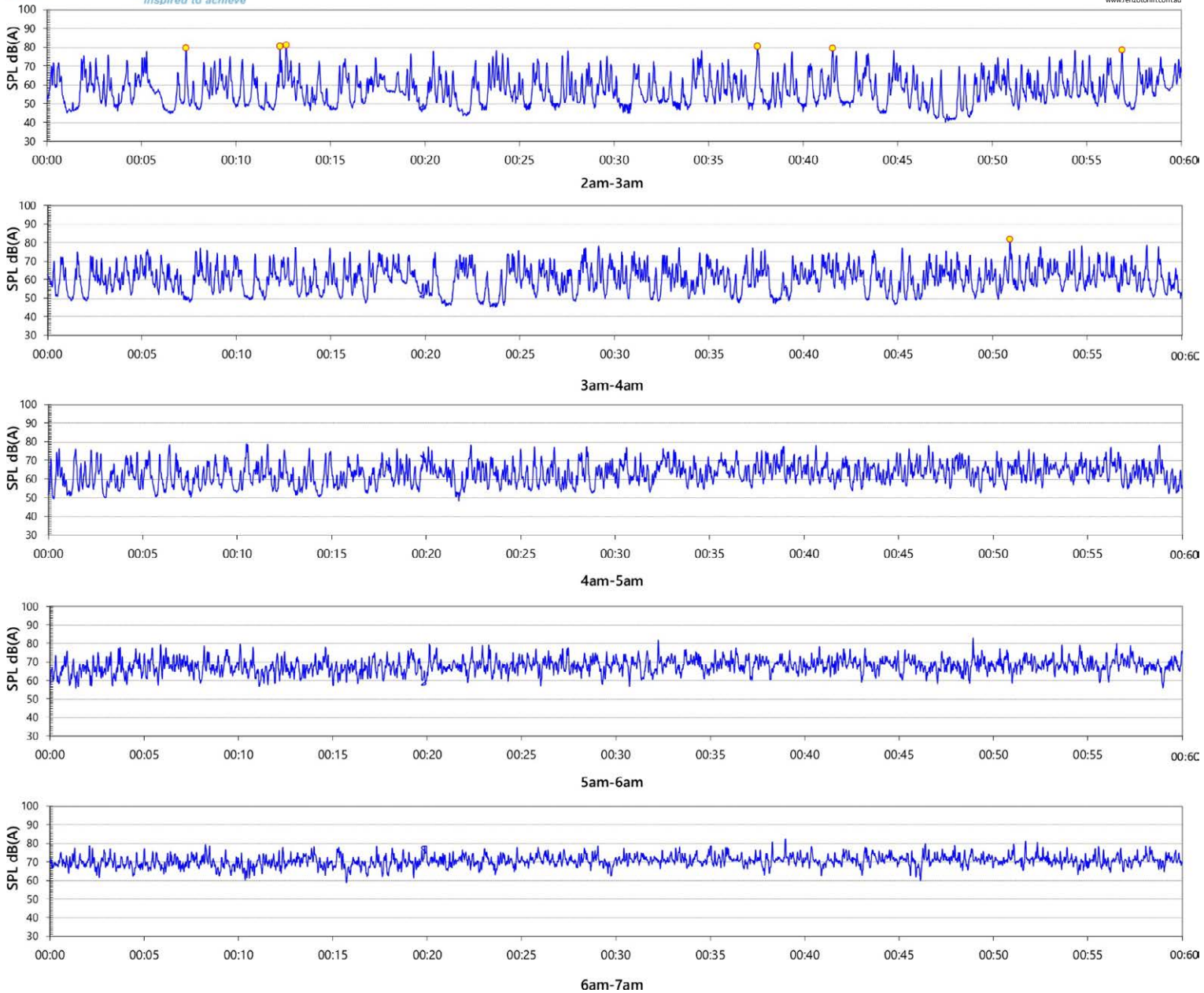


1am-2am

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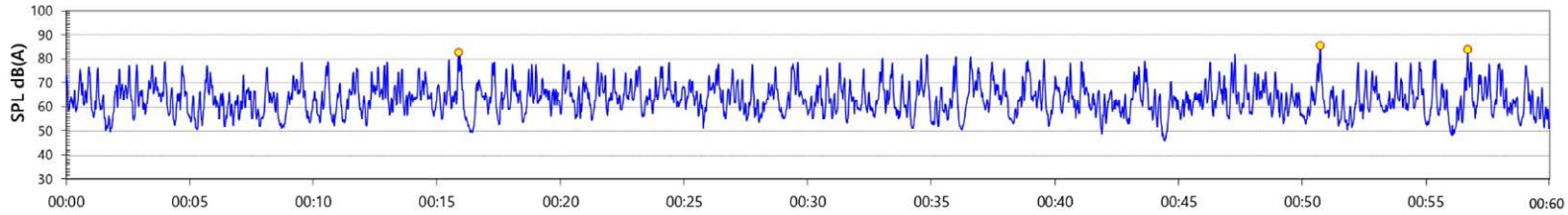
Project Number: **TL081-01**
Address: Proposed Interchange at Tarro

Start Date: Wednesday, 16 March 2016

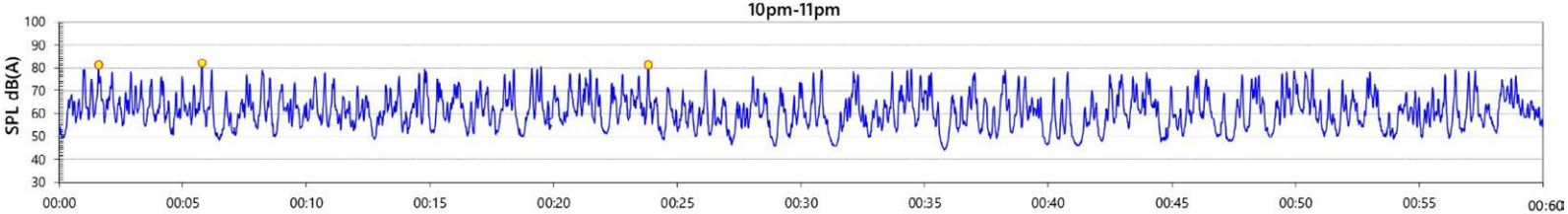
LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A)

Summary Table

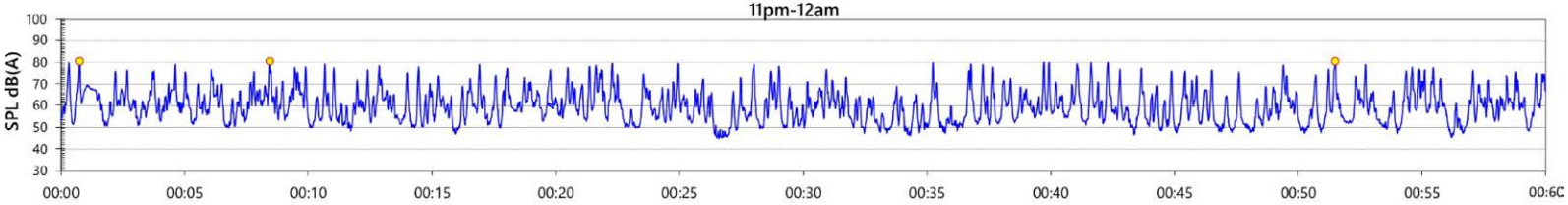
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	67.3	66.2	65.3	64.5	63.6	65.6	67.6	71.4	71.8	69.1
LA90	54.7	50.8	49.8	48.0	47.2	50.4	55.6	64.0	67.2	-
Lav max	84.2	81.6	80.4	80.6	80.3	83.2	83.2	-	-	81.9
No Events	3	3	3	7	5	2	1	0	0	24



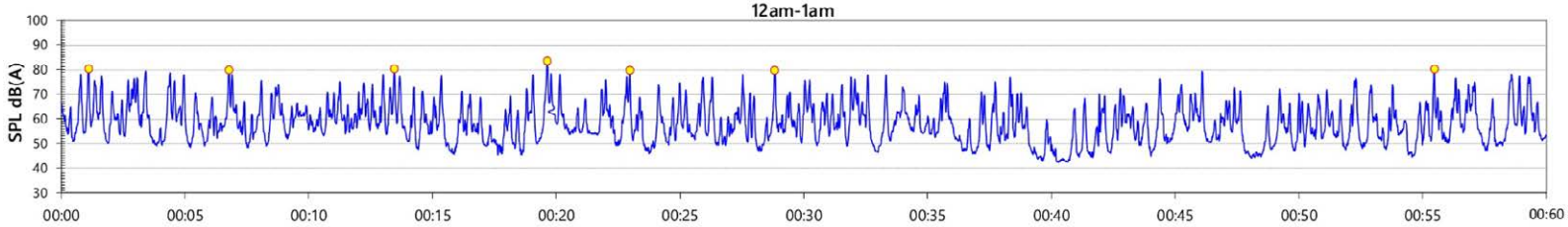
10pm-11pm



11pm-12am



12am-1am

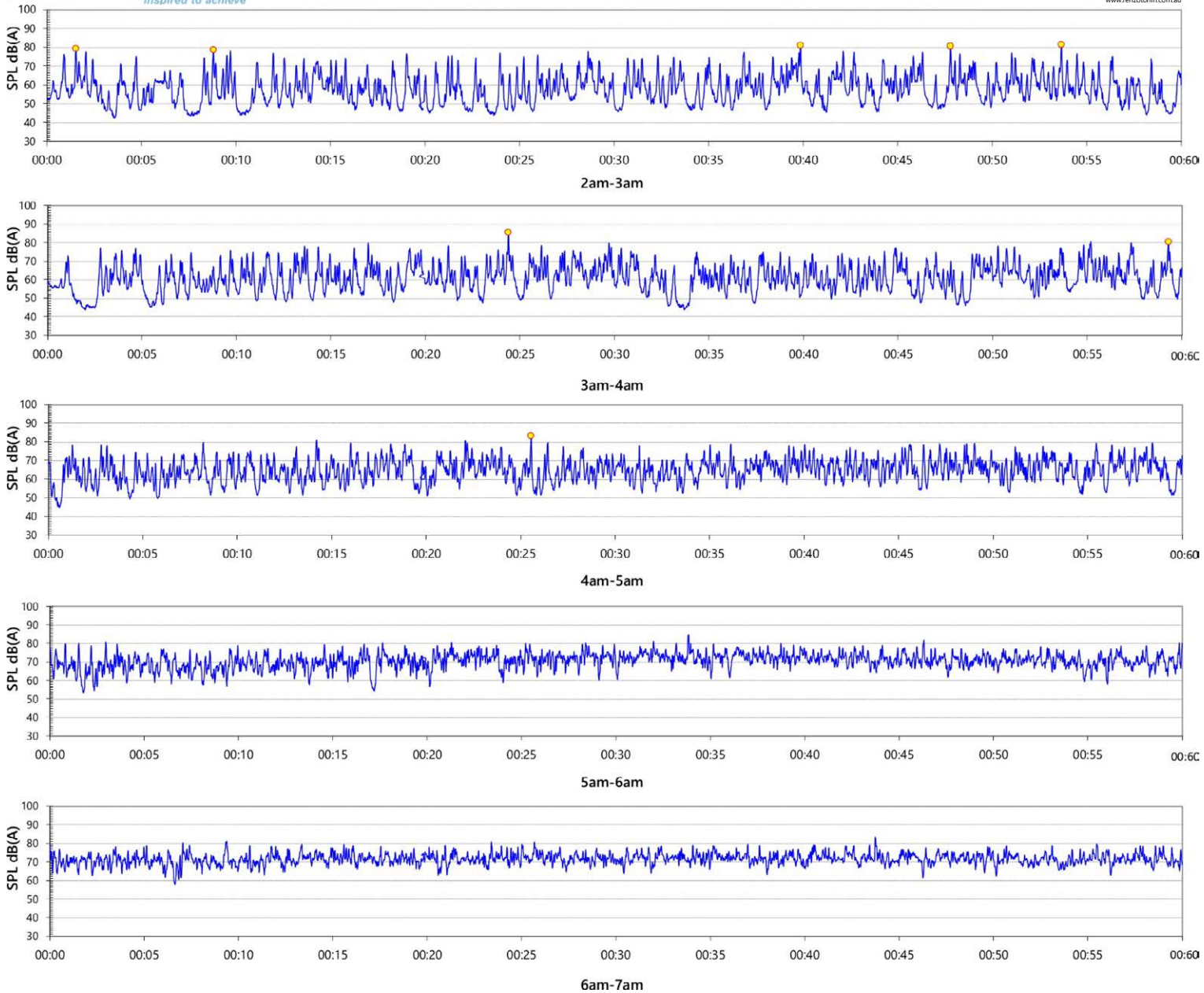


1am-2am

dBMAX Maximum Noise Level Analysis

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dBMAX Maximum Noise Level Analysis

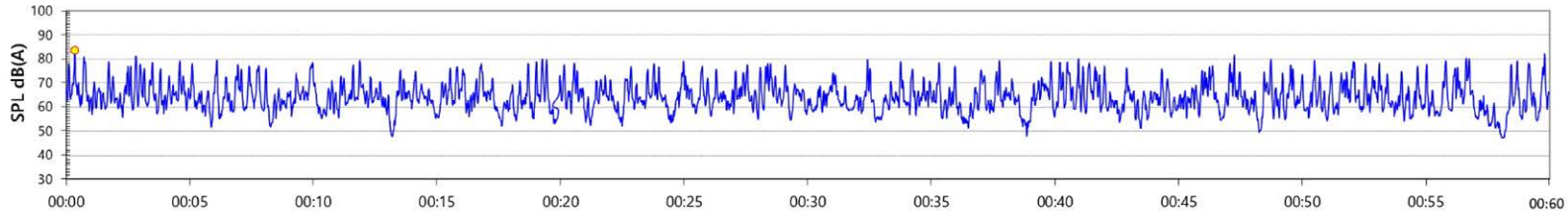
Project Number: **TL081-01**
Address: Proposed Interchange at Tarro

Start Date: Thursday, 17 March 2016

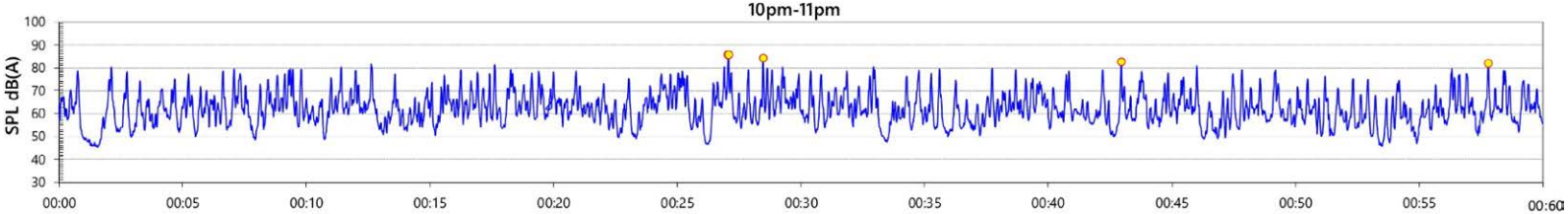
LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A)

Summary Table

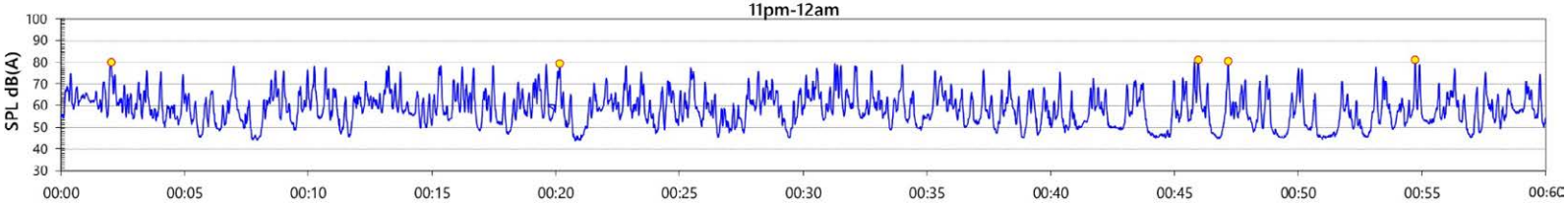
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	67.4	66.9	64.3	64.1	64.1	65.2	67.5	69.3	70.5	68.0
LA90	56.1	52.6	47.9	46.2	47.8	52.5	58.0	62.1	65.8	-
Lav max	83.6	84.1	80.4	80.3	80.9	82.0	83.6	-	-	82.1
No Events	1	5	5	11	3	2	1	0	0	28



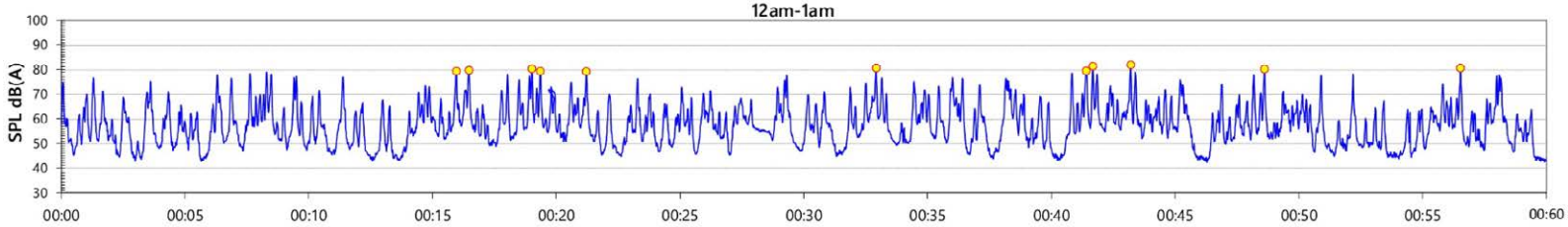
10pm-11pm



11pm-12am



12am-1am

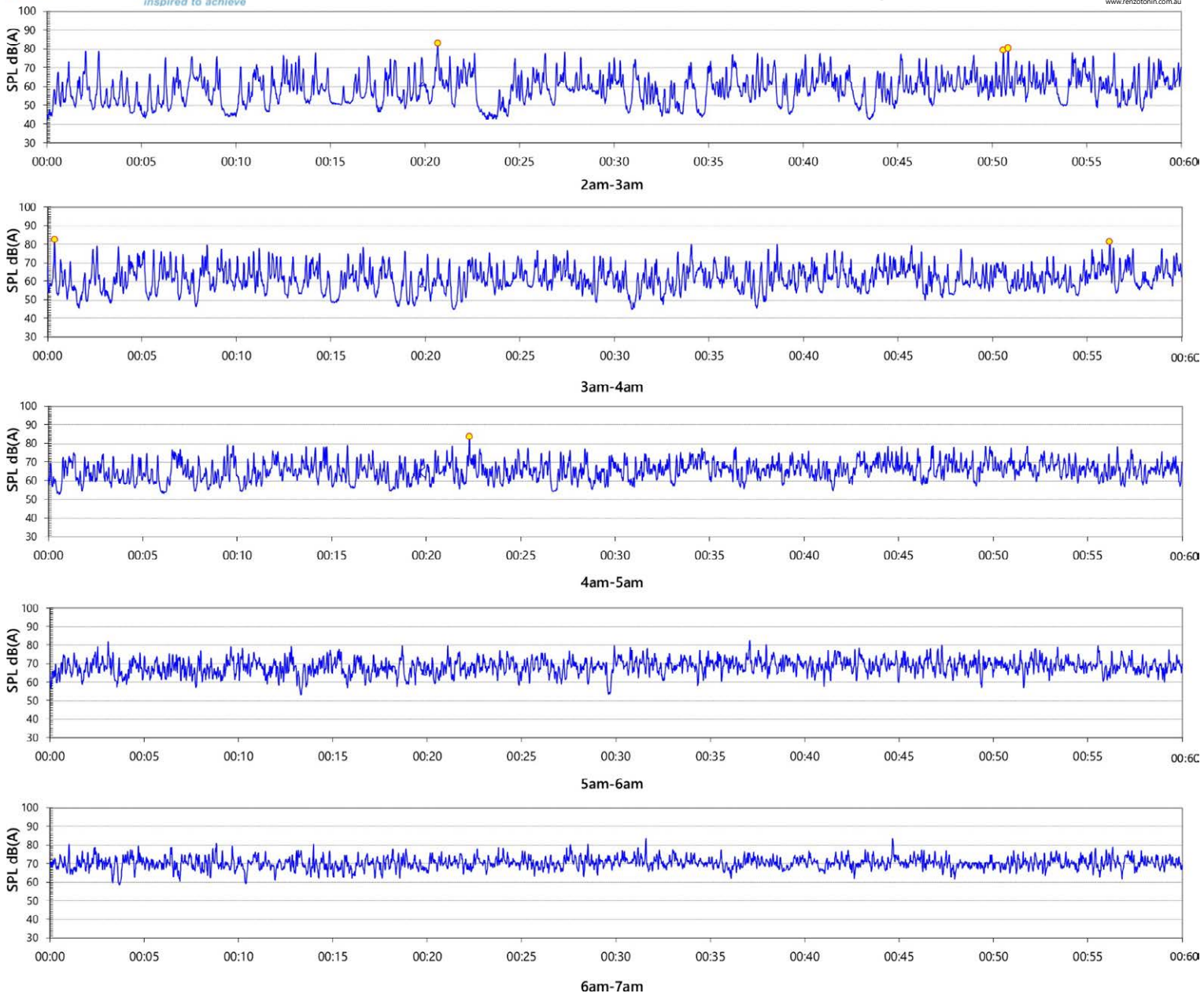


1am-2am

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dBMAX Maximum Noise Level Analysis

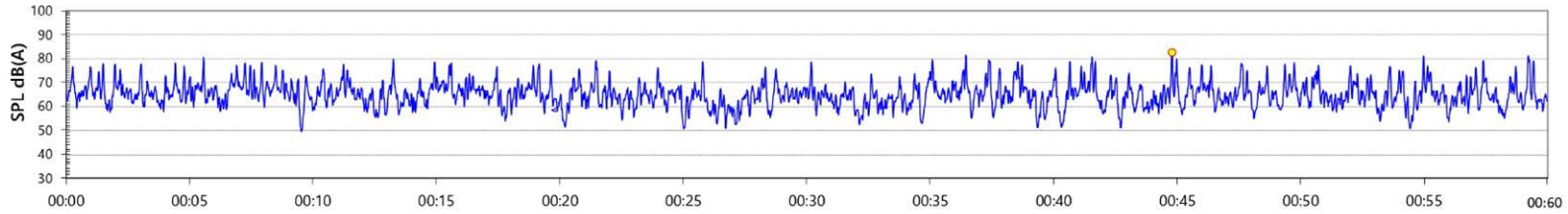
Project Number: **TL081-01**
Address: Proposed Interchange at Tarro

Start Date: Friday, 18 March 2016

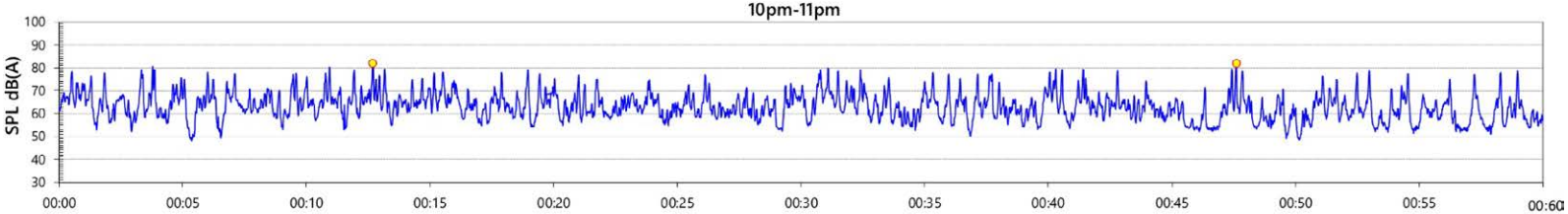
LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A)

Summary Table

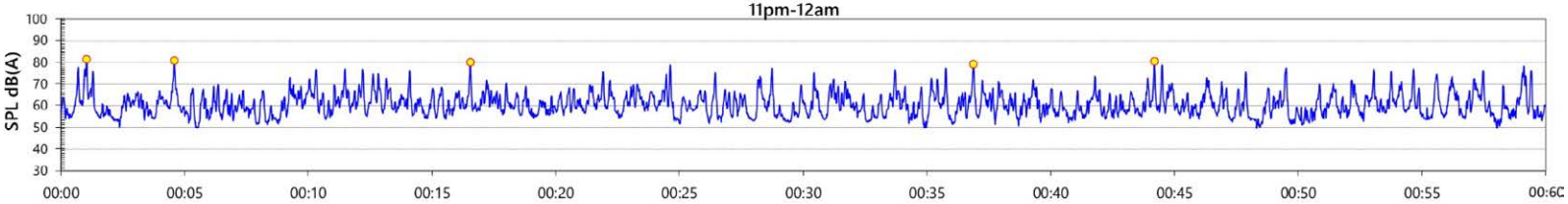
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	67.3	66.3	63.7	64.1	63.7	63.8	64.5	66.0	67.4	65.3
LA90	57.7	54.5	53.4	52.0	50.3	49.4	52.4	56.2	59.2	-
Lav max	82.6	82.1	80.4	80.7	79.7	83.7	80.6	-	83.0	81.6
No Events	1	2	5	12	10	4	3	0	2	39



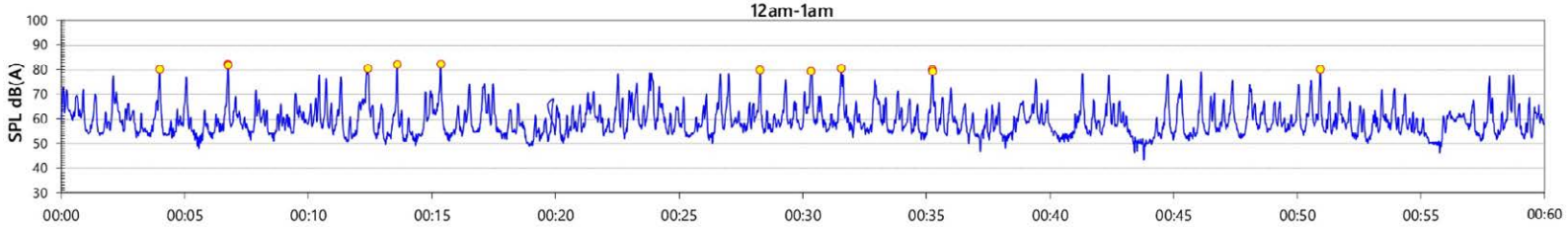
10pm-11pm



11pm-12am



12am-1am

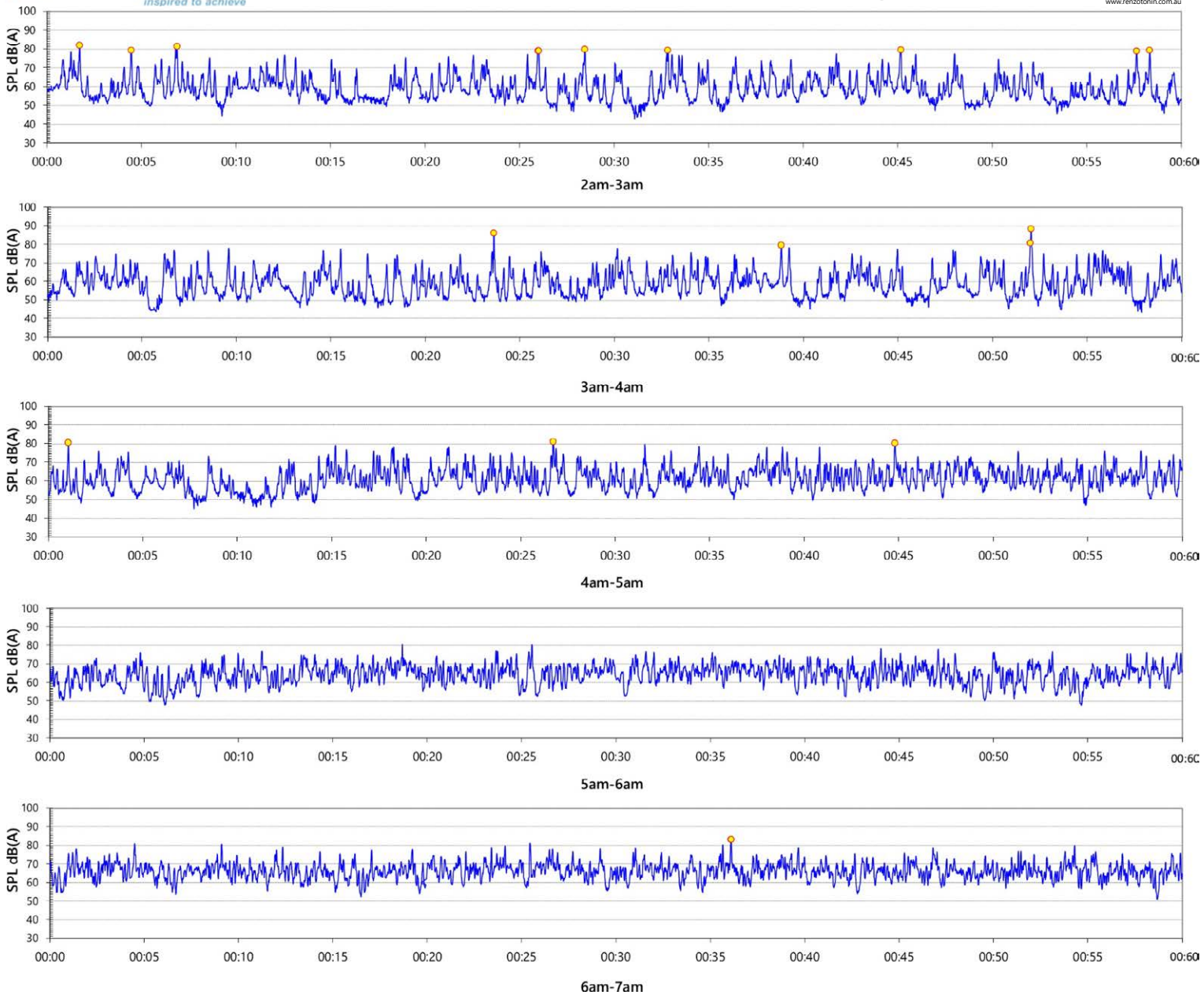


1am-2am

dBMAX Maximum Noise Level Analysis

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Template: QTE-01 dBMAX (r30)

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dBMAX Maximum Noise Level Analysis

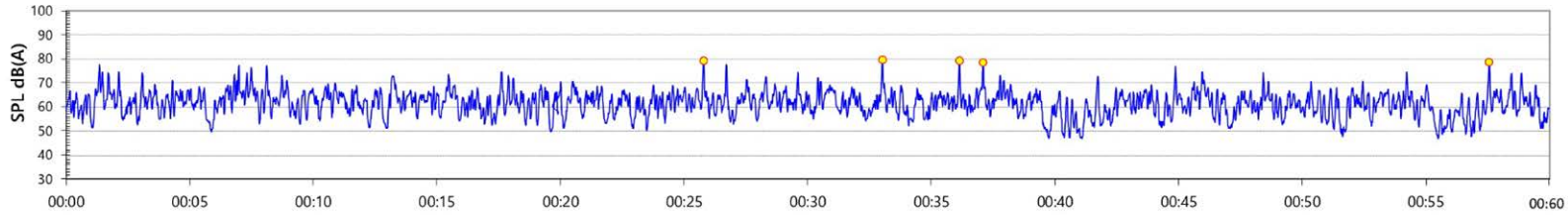
Project Number: **TL081-01**
Address: Proposed Interchange at Tarro

Start Date: Saturday, 19 March 2016

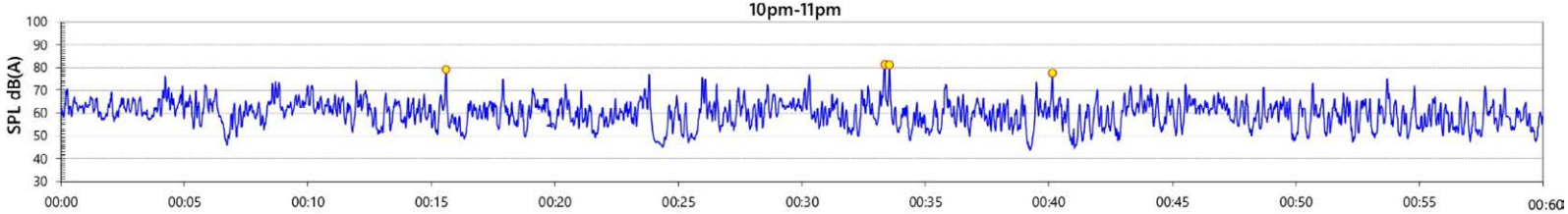
LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A)

Summary Table

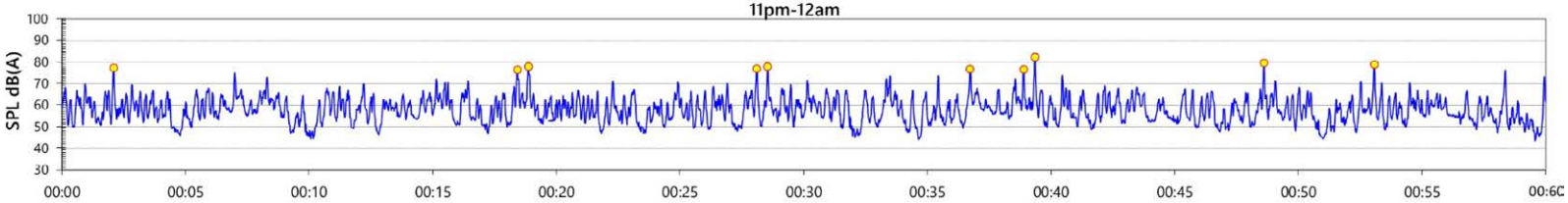
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	63.5	62.5	61.2	60.0	59.6	57.8	60.3	62.9	63.2	61.2
LA90	53.8	51.5	49.7	45.5	43.4	42.0	43.8	51.2	53.7	-
Lav max	79.0	79.8	78.0	76.7	76.4	75.6	76.1	79.1	78.9	77.7
No Events	5	4	10	9	7	10	8	3	1	57



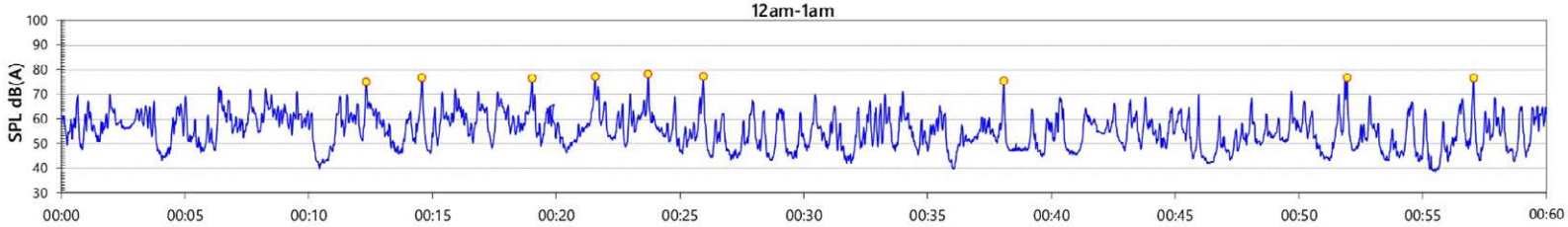
10pm-11pm



11pm-12am



12am-1am

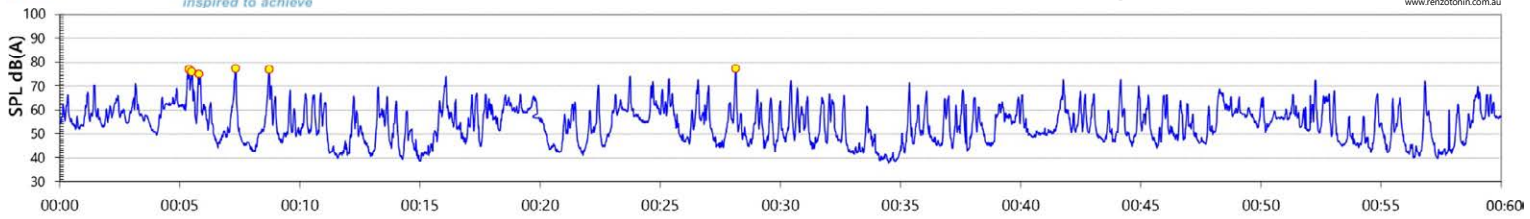


1am-2am

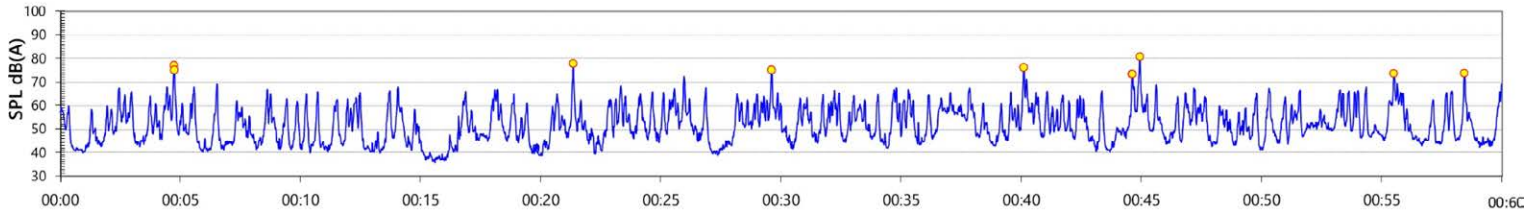
dBMAX Maximum Noise Level Analysis

Acoustics
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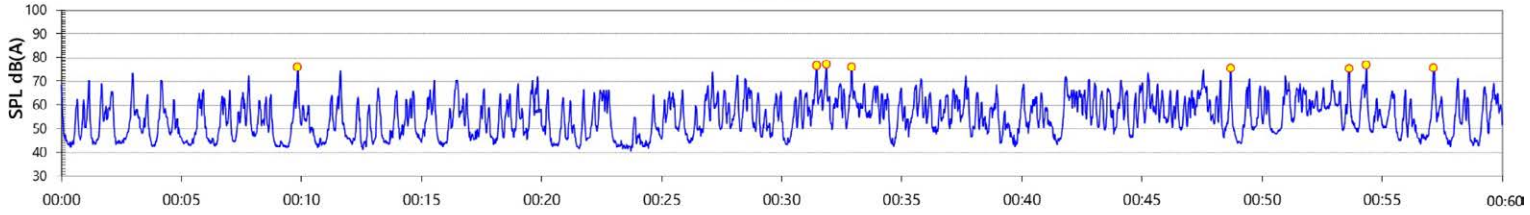
sydney@renzotonin.com.au
www.renzotonin.com.au



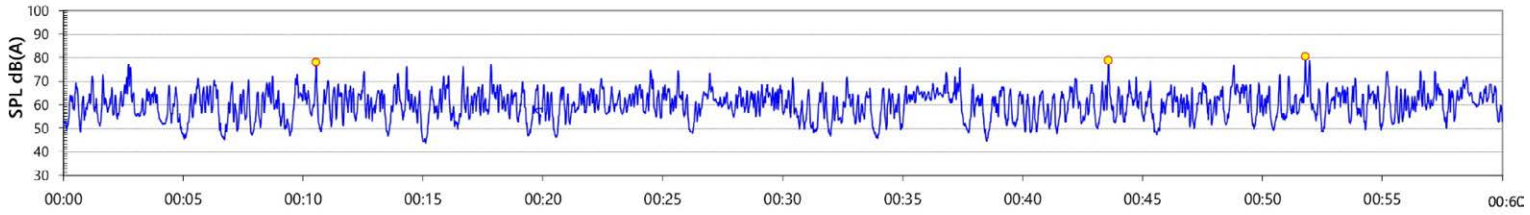
2am-3am



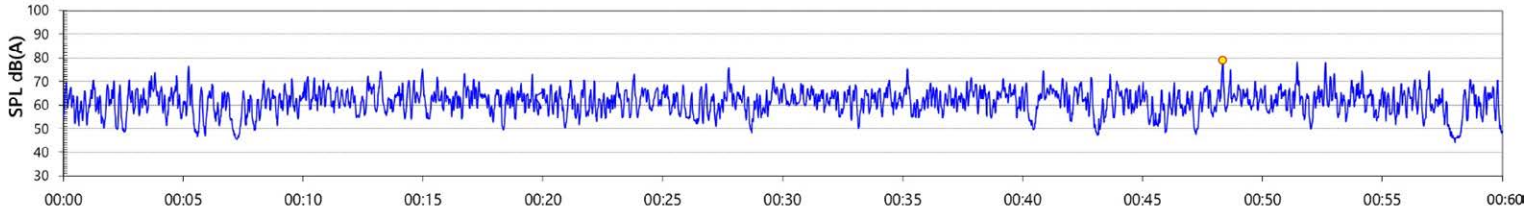
3am-4am



4am-5am



5am-6am



6am-7am

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dBMAX Maximum Noise Level Analysis

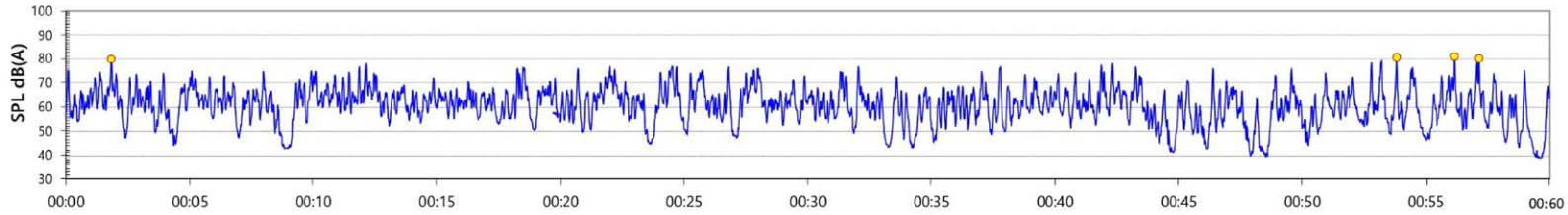
Project Number: **TL081-01**
Address: Proposed Interchange at Tarro

Start Date: Sunday, 20 March 2016

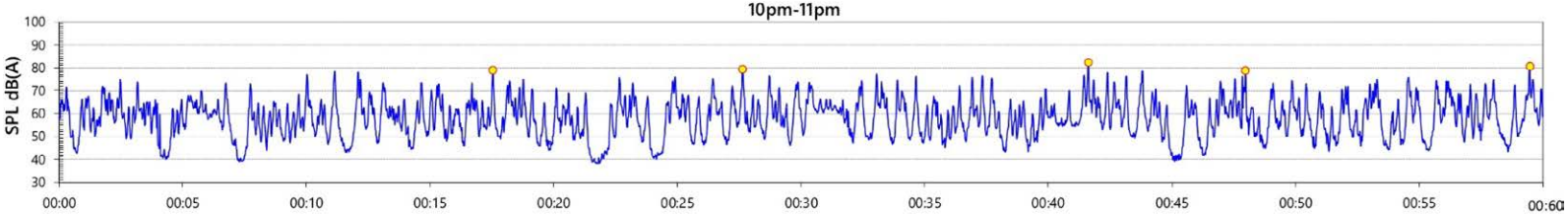
LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A)

Summary Table

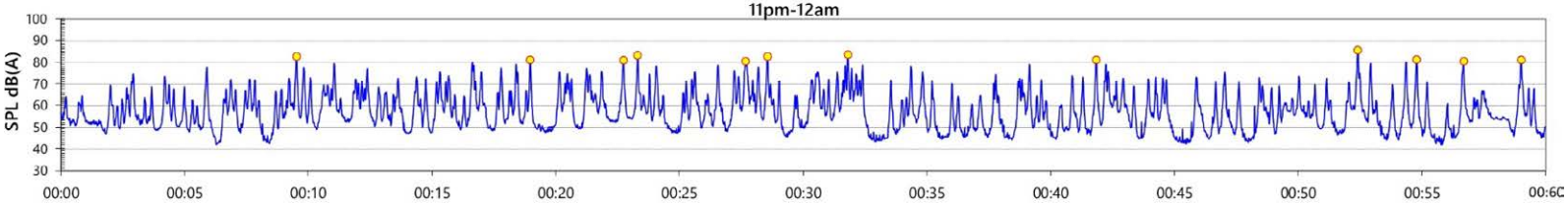
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	64.7	63.6	65.1	63.8	64.8	65.0	67.7	70.3	71.8	68.8
LA90	49.5	46.5	46.2	45.5	47.5	48.9	54.0	63.4	67.3	-
Lav max	80.5	80.1	82.0	79.9	81.3	81.0	-	-	-	80.8
No Events	4	5	12	9	5	4	0	0	0	39



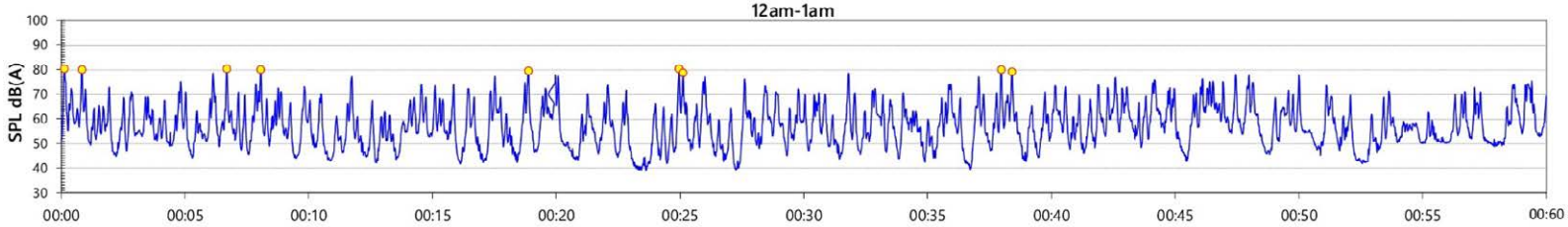
10pm-11pm



11pm-12am



12am-1am

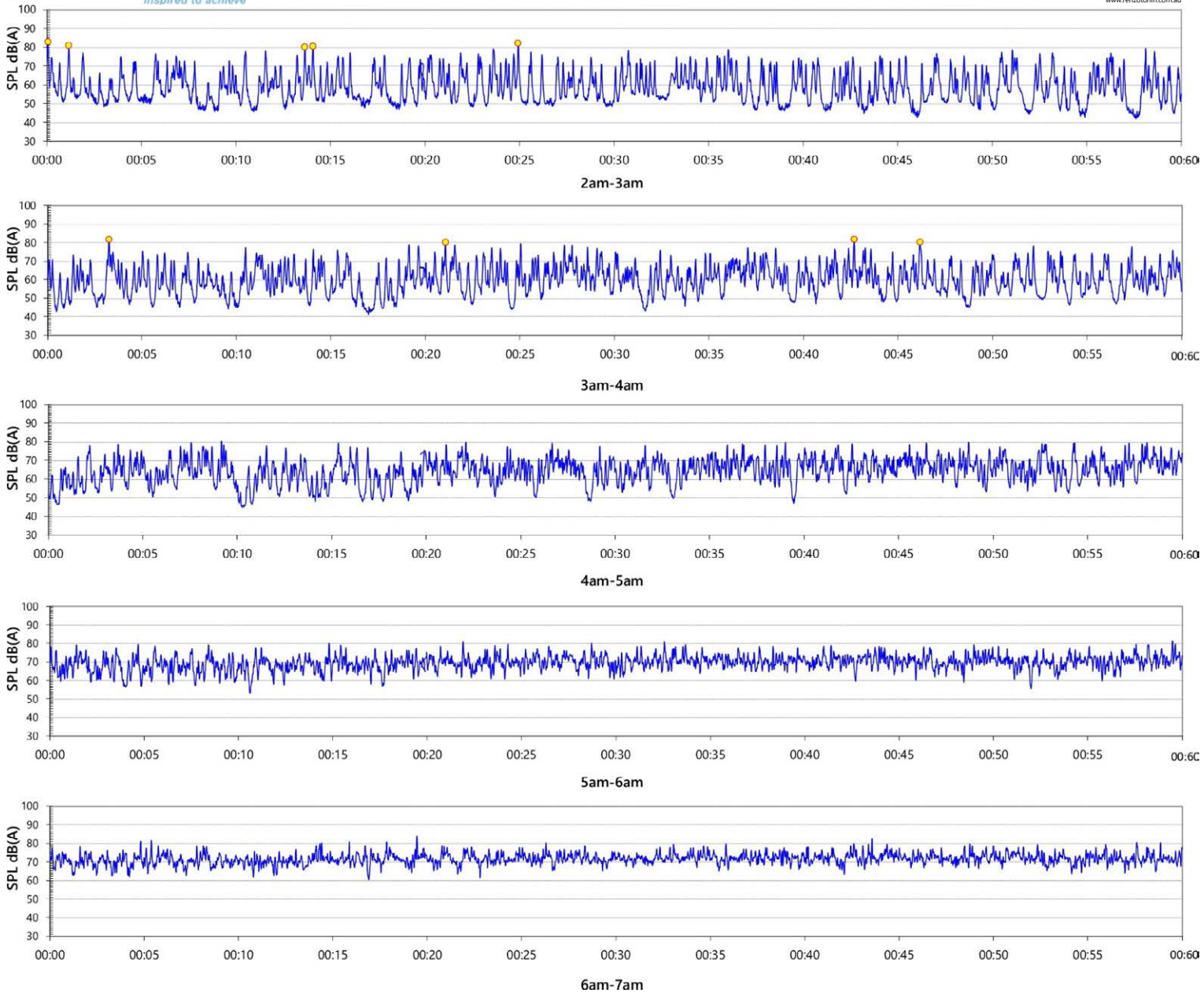


1am-2am

dBMAX Maximum Noise Level Analysis

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dBMAX Maximum Noise Level Analysis

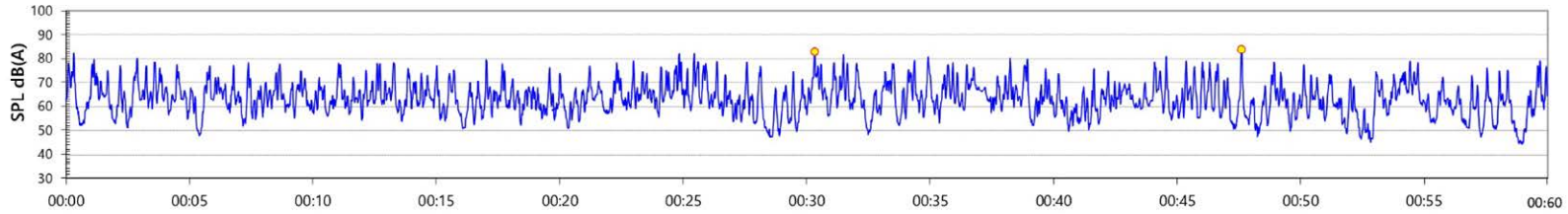
Project Number: **TL081-01**
Address: Proposed Interchange at Tarro

Start Date: Monday, 21 March 2016

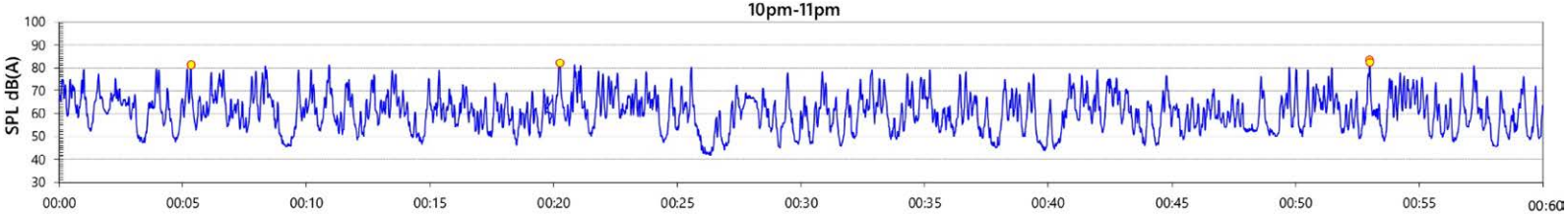
LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A)

Summary Table

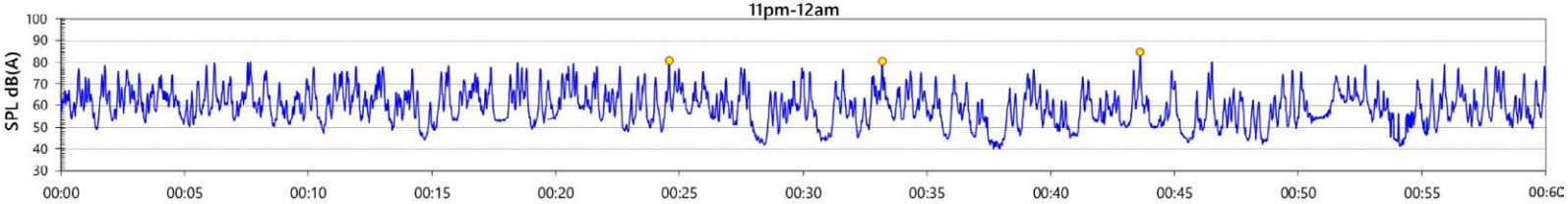
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	67.3	66.3	65.3	64.2	63.7	65.4	67.0	69.6	71.1	68.2
LA90	53.4	49.3	48.3	44.3	45.7	48.3	54.2	62.3	66.2	-
Lav max	83.4	82.4	82.0	81.0	79.4	80.8	86.8	-	-	82.2
No Events	2	4	3	5	6	3	1	0	0	24



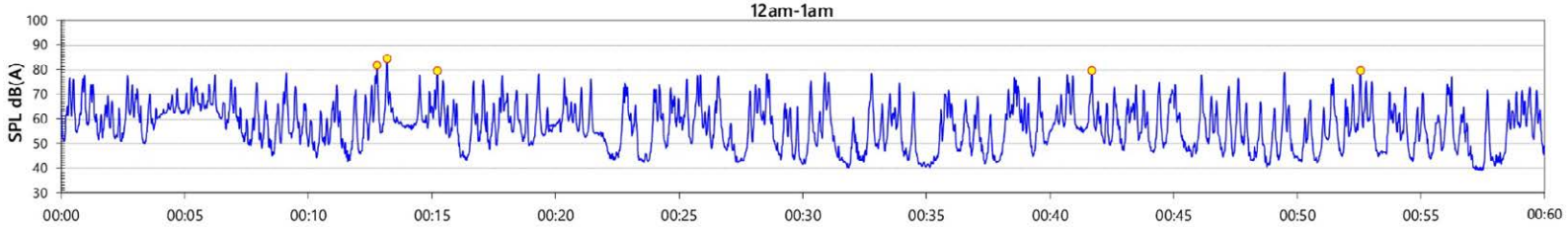
10pm-11pm



11pm-12am



12am-1am

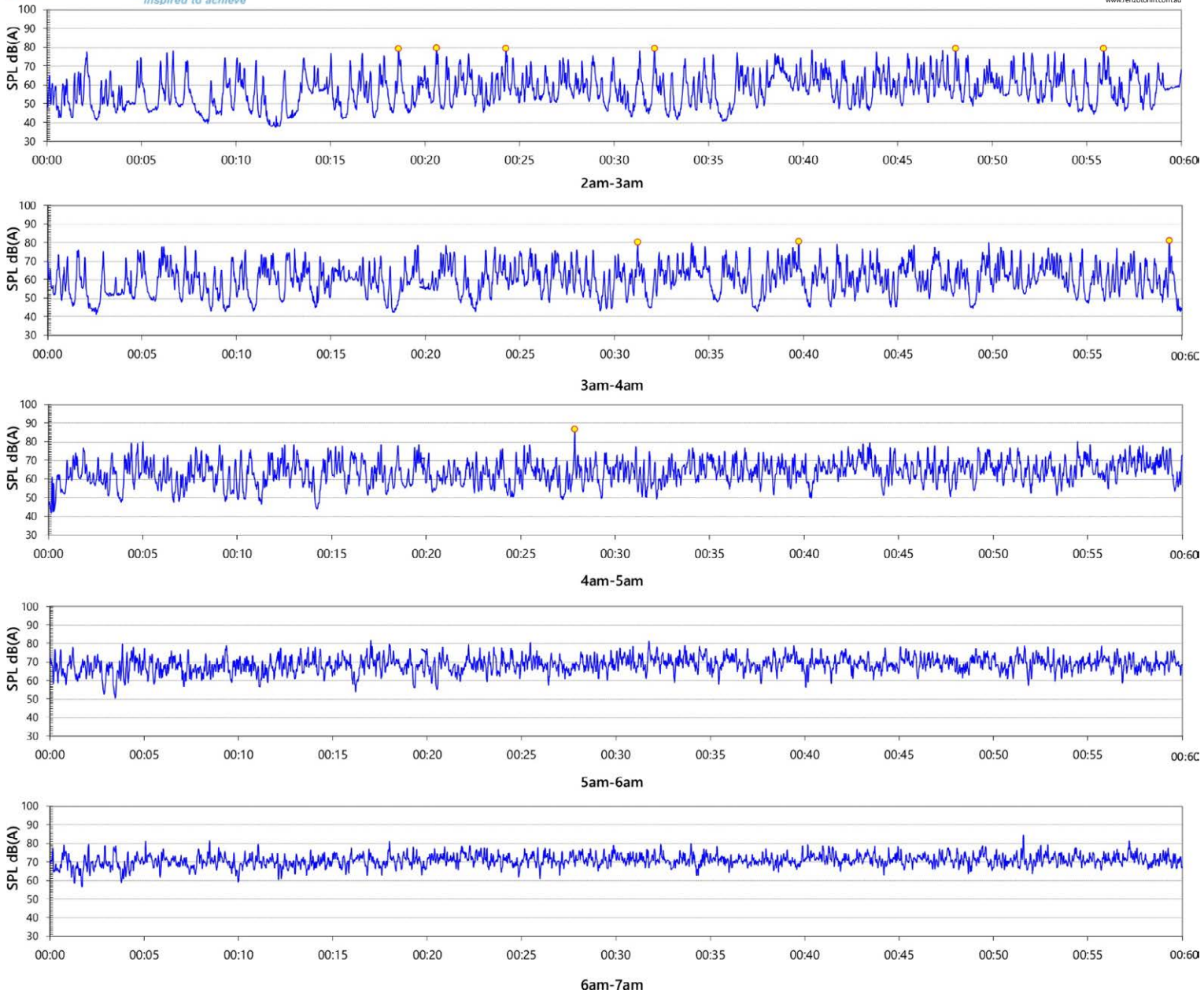


1am-2am

dBMAX Maximum Noise Level Analysis

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dBMAX Maximum Noise Level Analysis

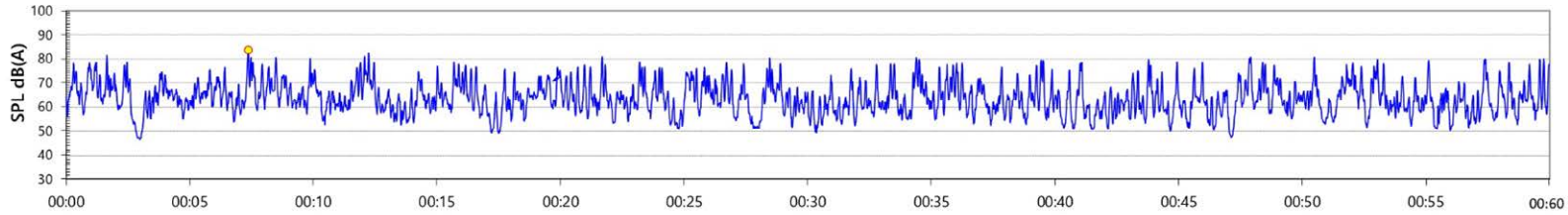
Project Number: **TL081-01**
Address: Proposed Interchange at Tarro

Start Date: Tuesday, 22 March 2016

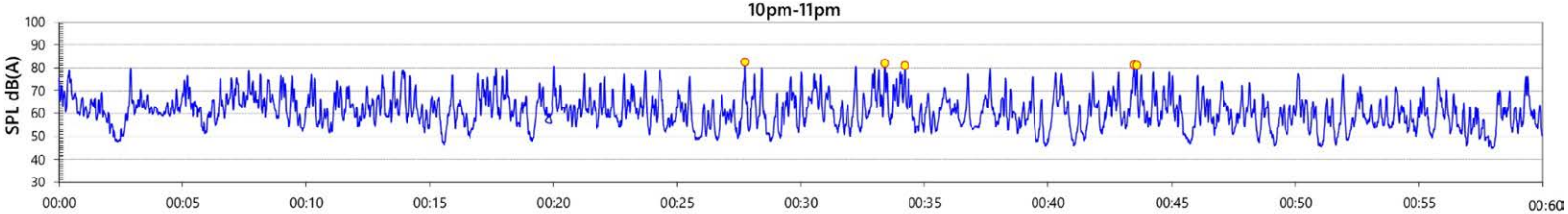
LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A)

Summary Table

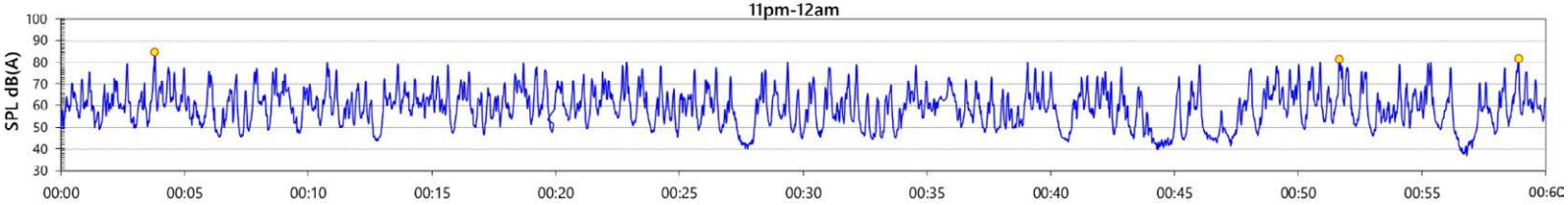
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	67.5	65.9	65.6	63.9	64.4	65.4	67.5	69.4	70.9	68.2
LA90	54.3	51.3	46.8	46.6	48.3	51.6	56.4	63.1	66.4	-
Lav max	83.7	81.6	82.5	79.6	79.9	81.7	85.4	-	87.8	82.8
No Events	1	5	3	5	4	3	2	0	1	24



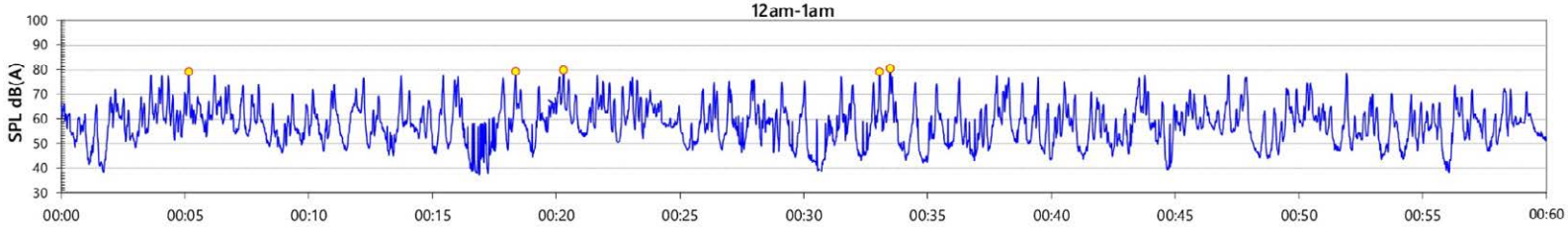
10pm-11pm



11pm-12am



12am-1am

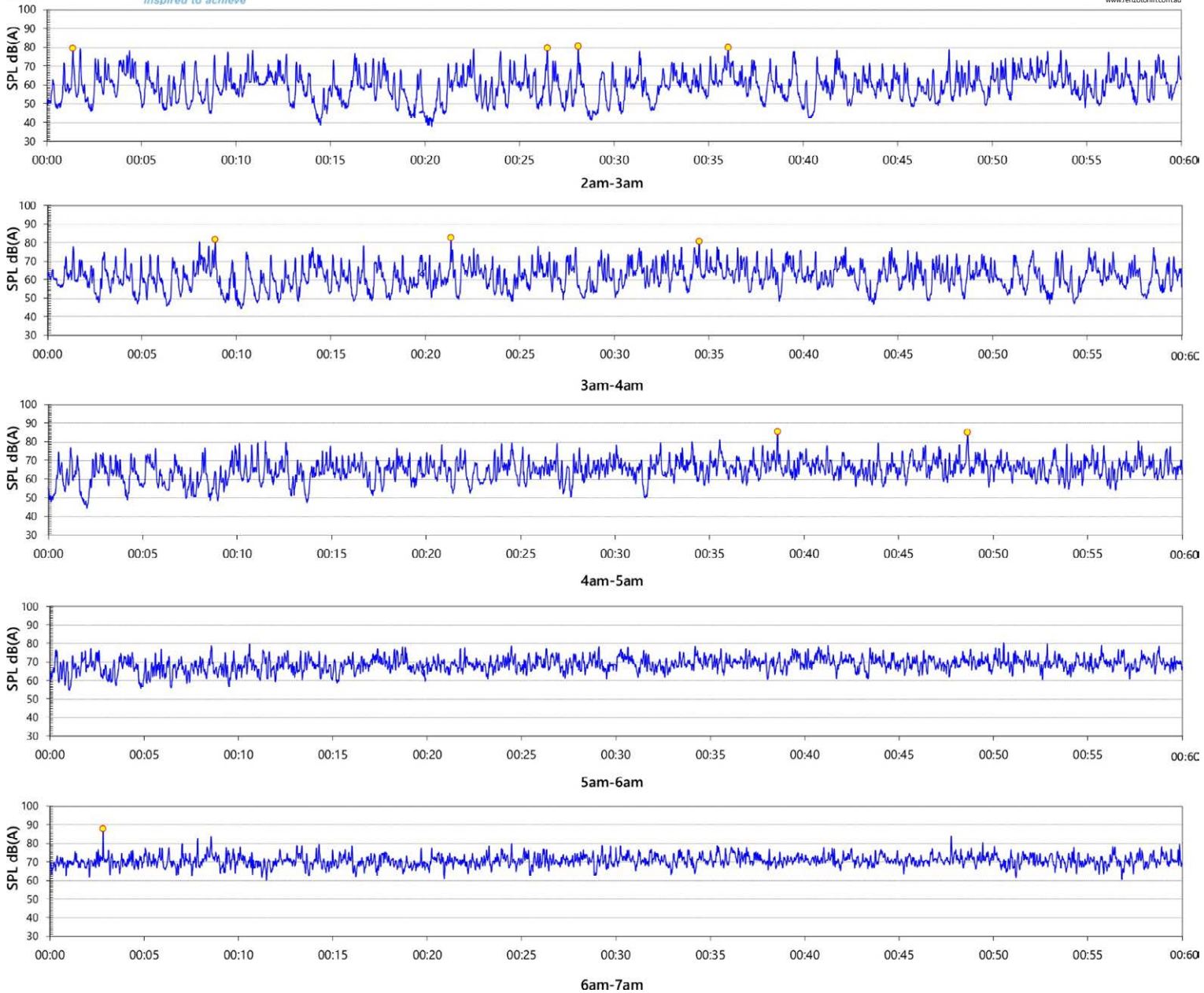


1am-2am

dBMAX Maximum Noise Level Analysis

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dBMAX Maximum Noise Level Analysis

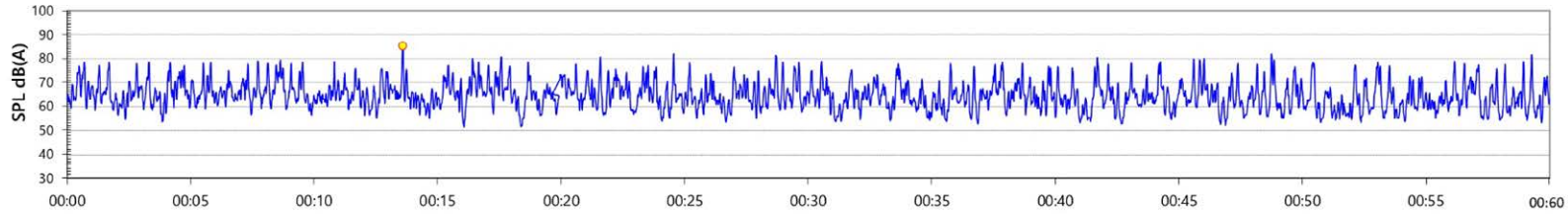
Project Number: **TL081-01**
Address: Proposed Interchange at Tarro

Start Date: Wednesday, 23 March 2016

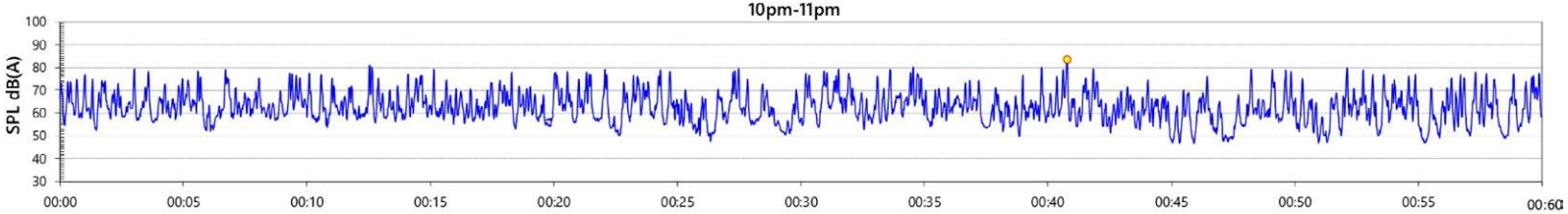
LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A)

Summary Table

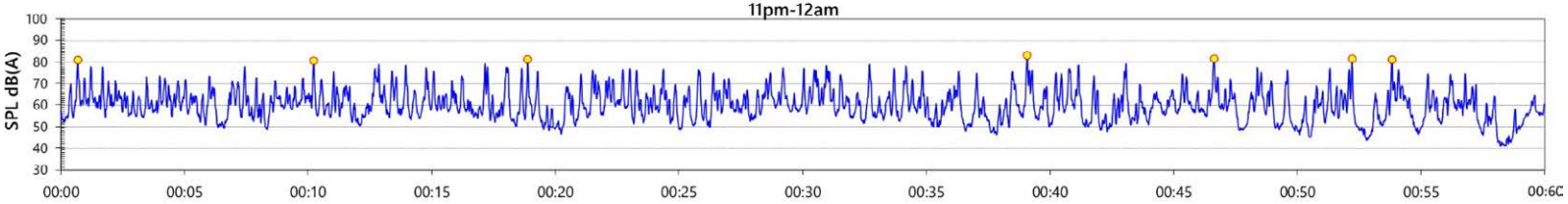
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	67.6	66.5	65.0	64.2	64.3	65.6	67.3	69.6	70.6	68.1
LA90	56.6	53.7	50.4	49.7	50.2	50.9	55.2	63.1	66.1	-
Lav max	85.4	83.5	81.4	80.0	80.0	84.6	86.0	-	-	83.0
No Events	1	1	7	5	6	3	3	0	0	26



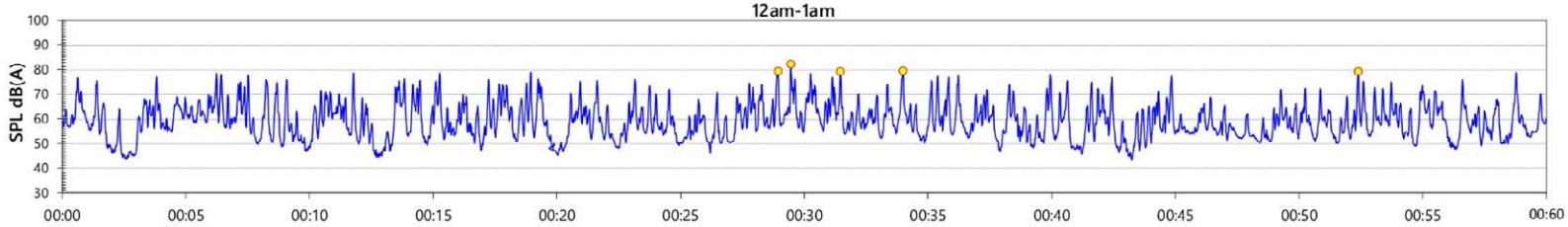
10pm-11pm



11pm-12am



12am-1am

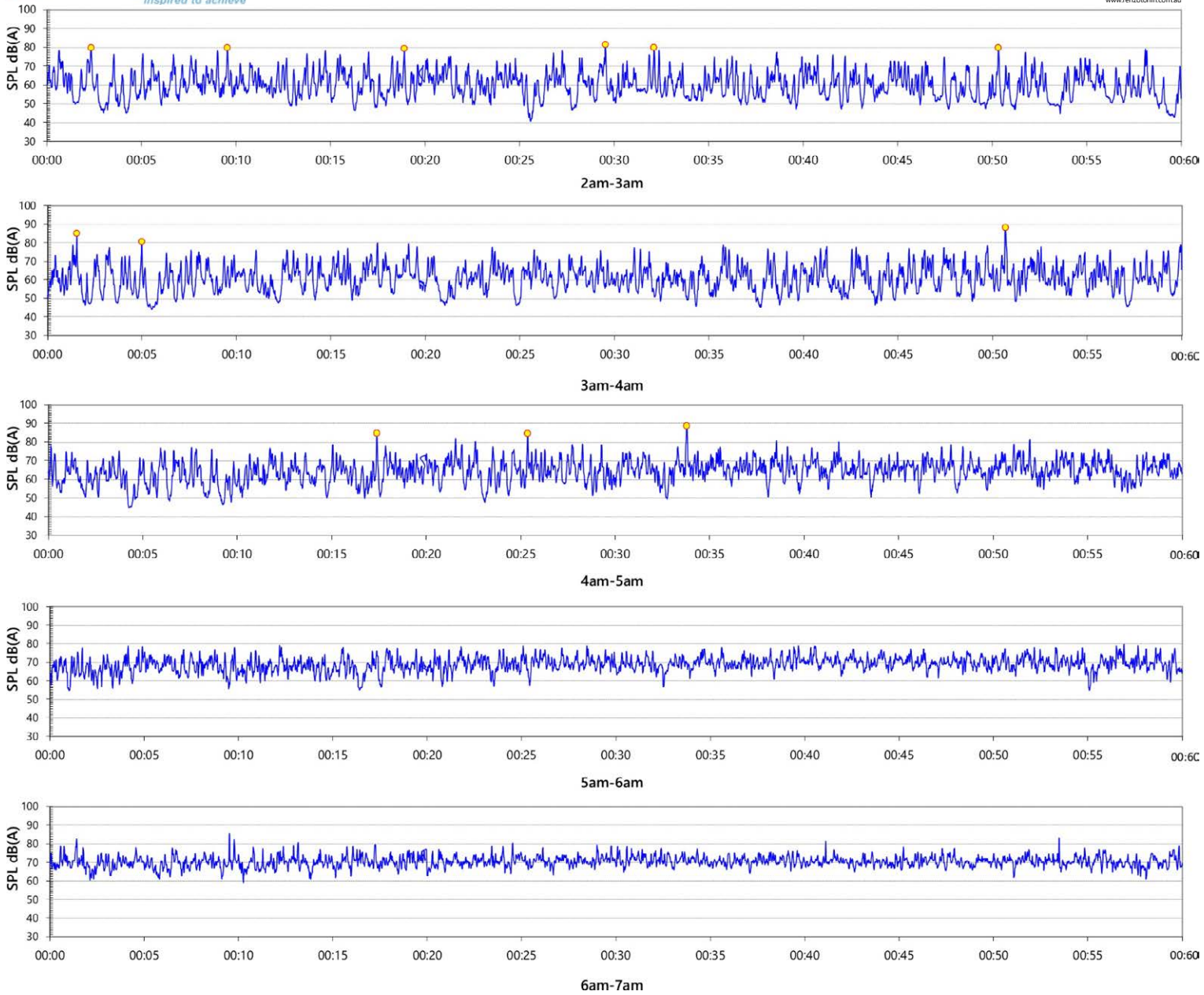


1am-2am

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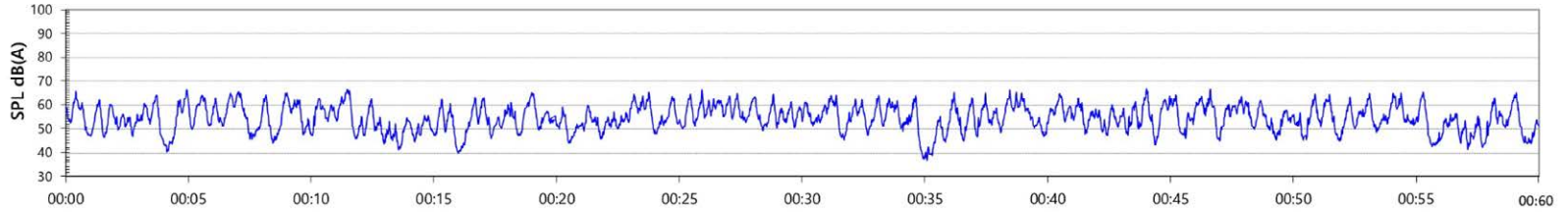
sydney@renzotonin.com.au
www.renzotonin.com.au

dBMAX Maximum Noise Level Analysis

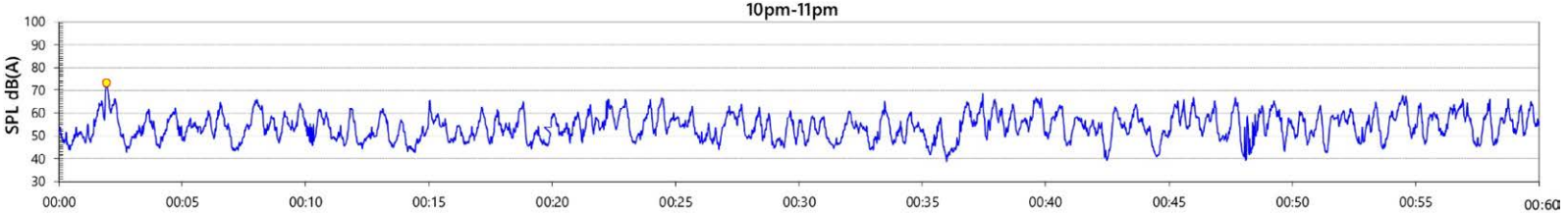
Project Number: **TL081-01** Start Date: Tuesday, 15 March 2016 LAmax Cutoff = 65 dB(A)

Address: 2209 Pacific Highway, Heatherbrae LAmax-LAeq(1hr) Cutoff = 15 dB(A)

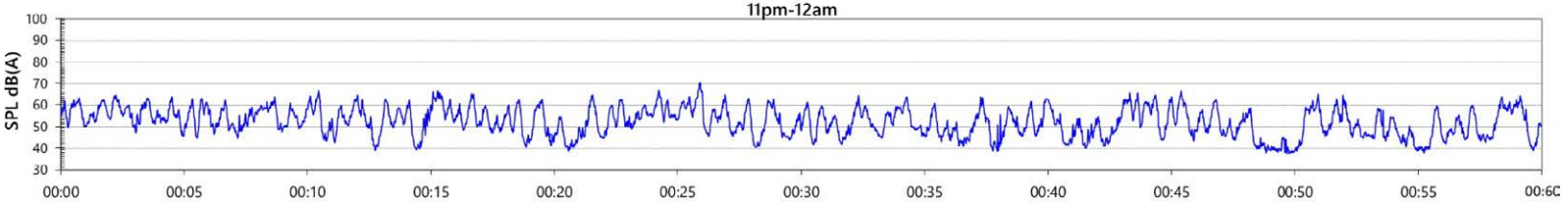
Summary Table										
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	56.8	56.9	55.7	53.7	53.7	54.9	54.2	56.9	58.8	56.2
LA90	46.5	46.0	42.3	38.7	40.8	42.9	44.8	50.4	53.4	-
Lav max	-	73.4	-	-	-	-	-	-	-	73.4
No Events	0	1	0	0	0	0	0	0	0	1



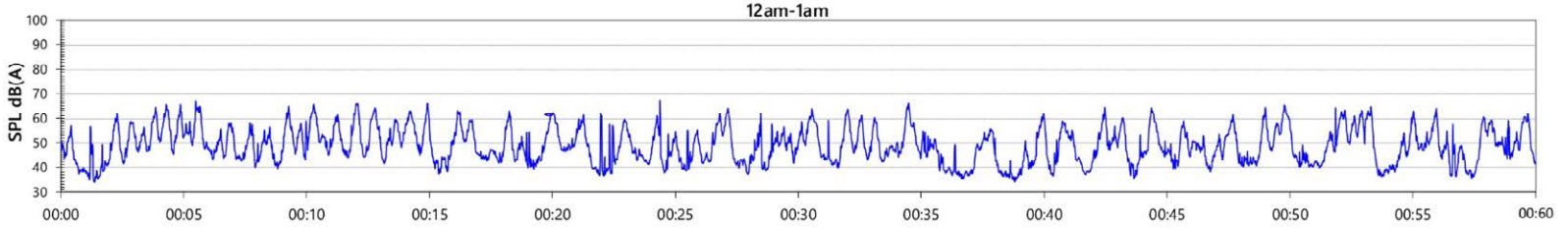
10pm-11pm



11pm-12am



12am-1am

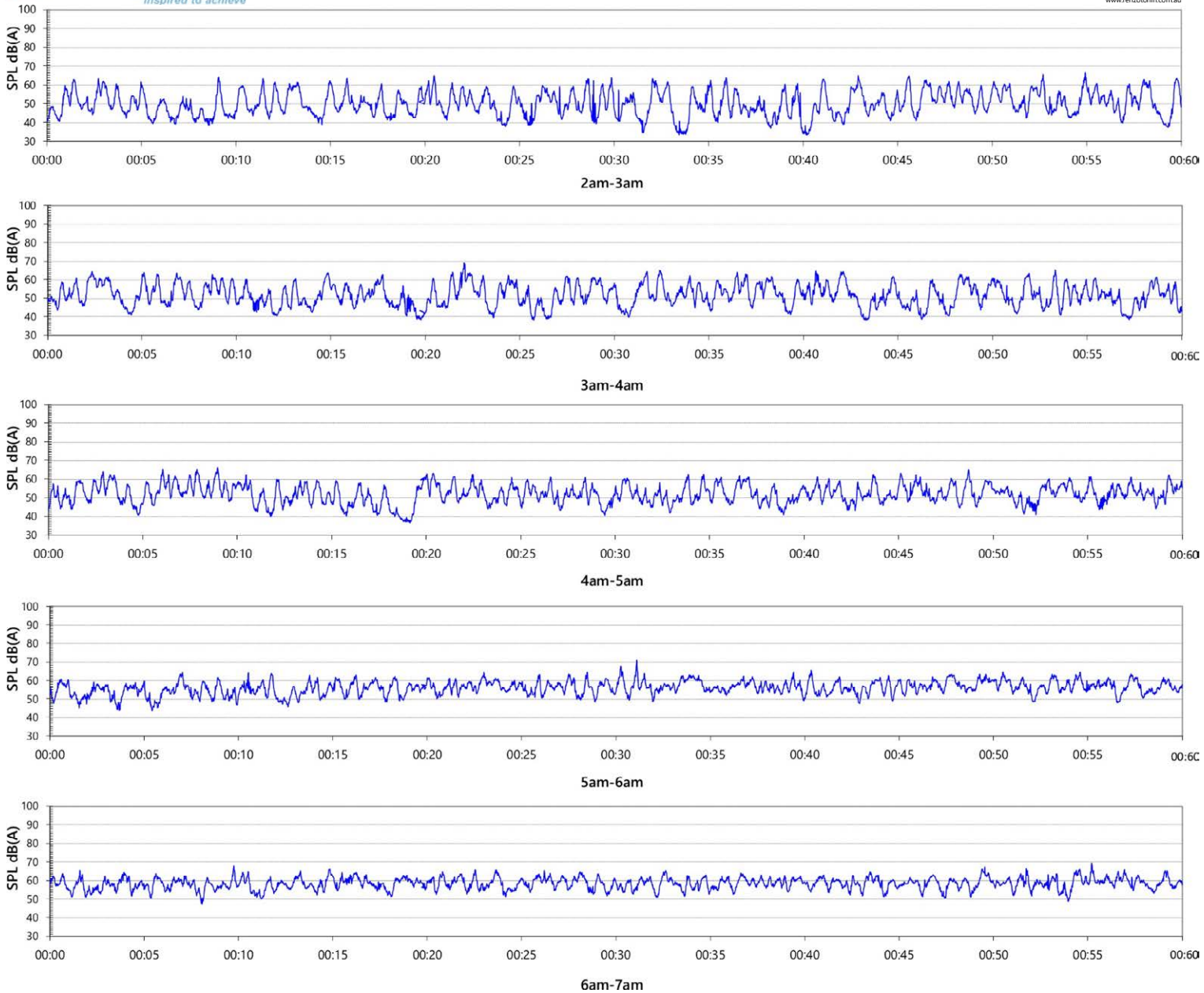


1am-2am

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Vibration
Structural Dynamics

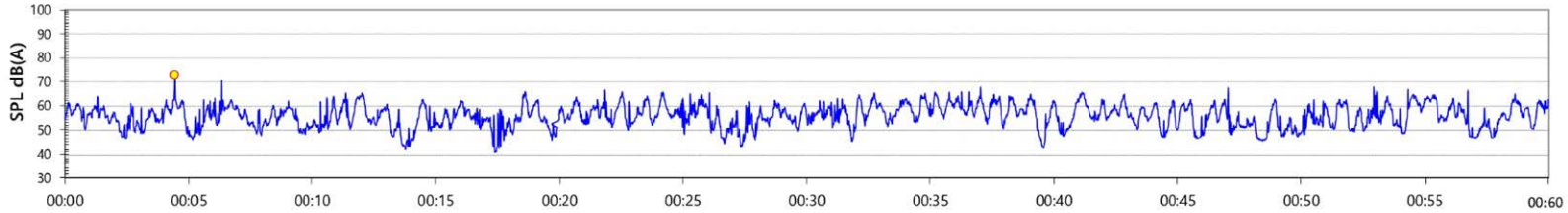
sydney@renzotonin.com.au
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dBMAX Maximum Noise Level Analysis

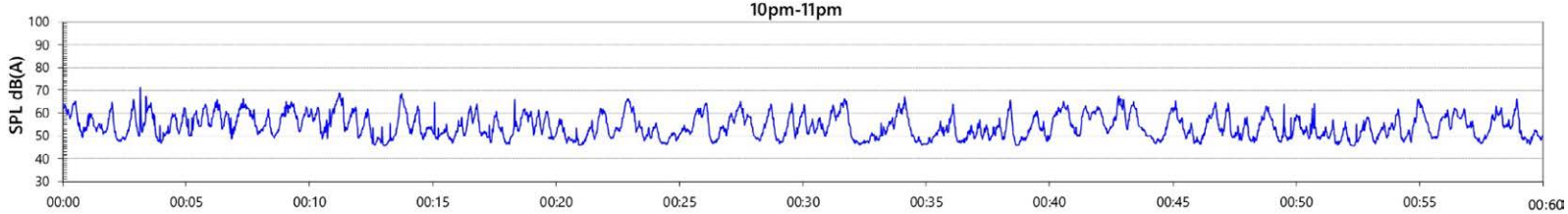
Project Number: **TL081-01** Start Date: Wednesday, 16 March 2016 LAmax Cutoff = 65 dB(A)

Address: 2209 Pacific Highway, Heatherbrae LAmax-LAeq(1hr) Cutoff = 15 dB(A)

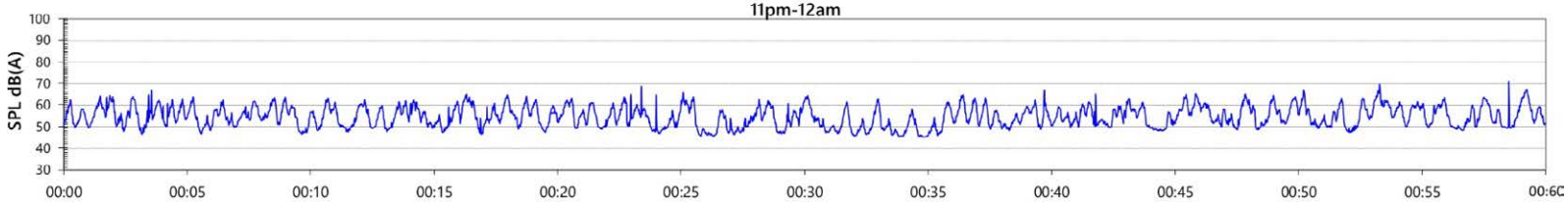
Summary Table										
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	57.2	56.7	56.5	55.2	53.0	55.2	55.6	58.5	58.9	56.8
LA90	48.6	47.6	48.0	43.2	38.3	42.2	44.8	51.7	54.1	-
Lav max	72.9	-	-	-	-	-	-	-	-	72.9
No Events	1	0	0	0	0	0	0	0	0	1



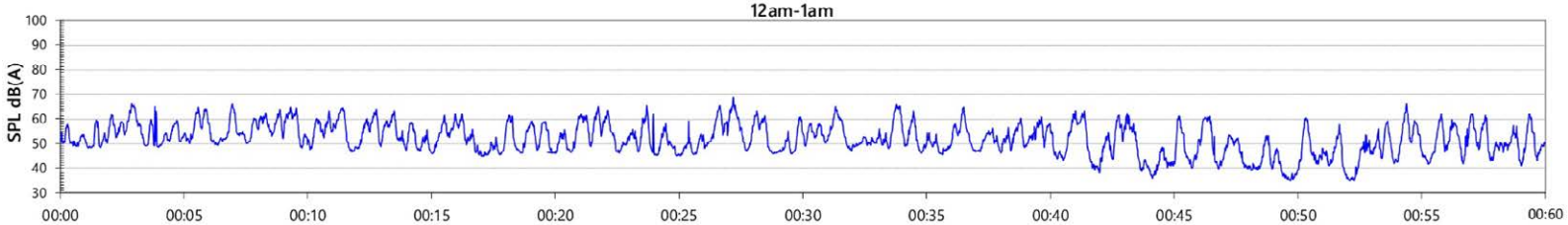
10pm-11pm



11pm-12am



12am-1am

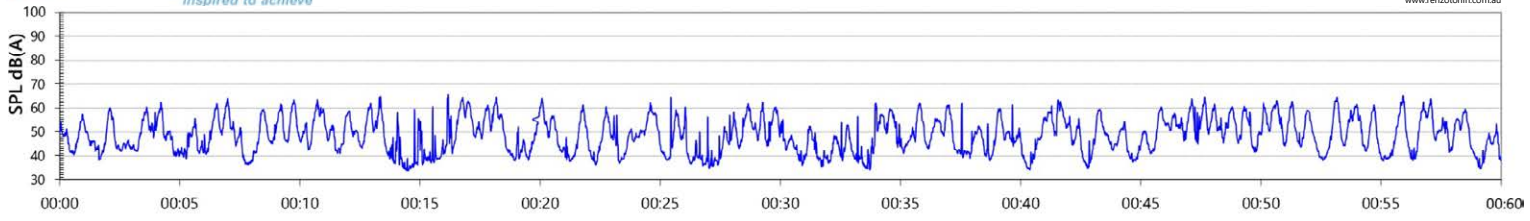


1am-2am

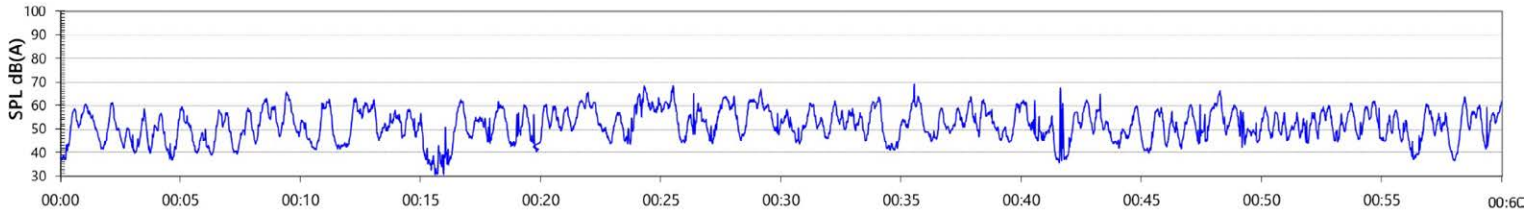
dBMAX Maximum Noise Level Analysis

Acoustics
Vibration
Structural Dynamics

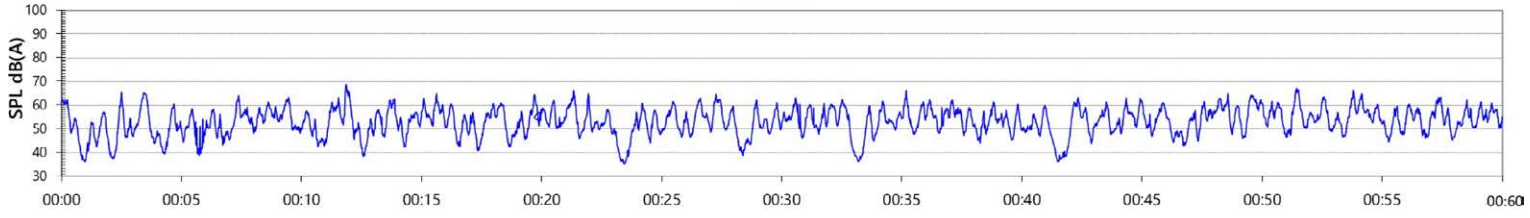
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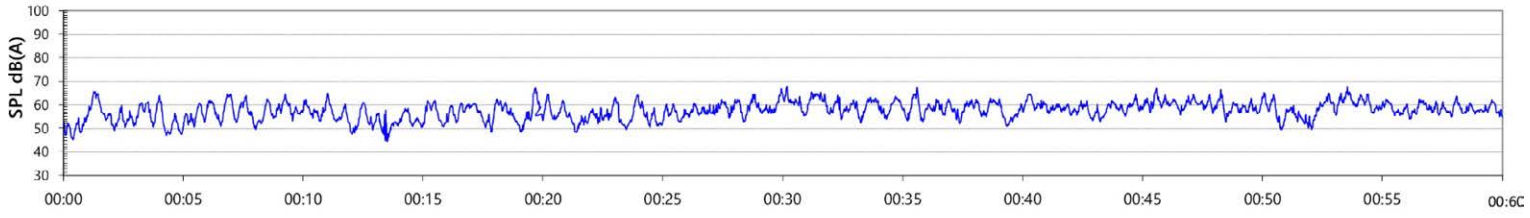
2am-3am



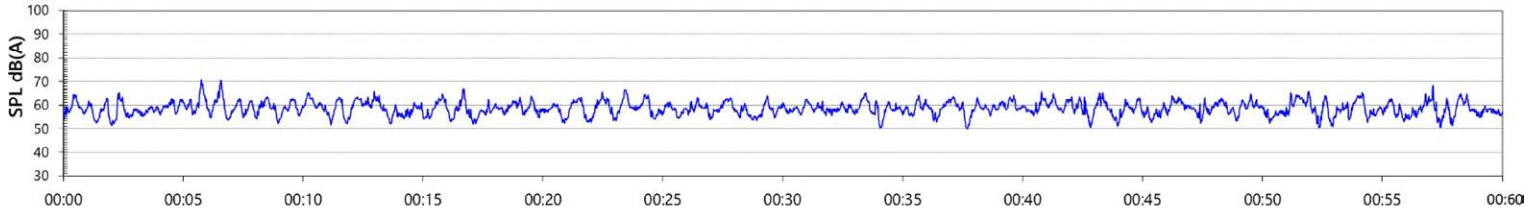
3am-4am



4am-5am



5am-6am



6am-7am

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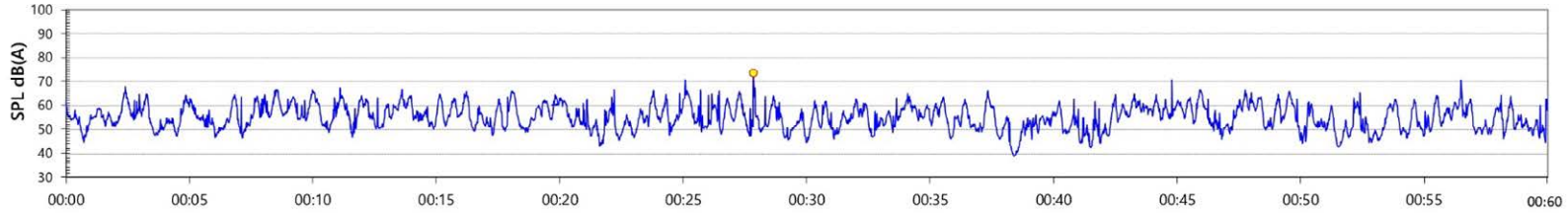
dBMAX Maximum Noise Level Analysis

Project Number: **TL081-01**
Address: 2209 Pacific Highway, Heatherbrae

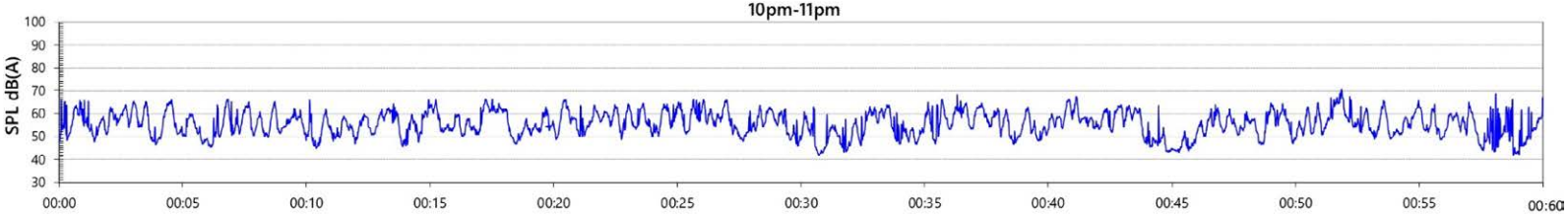
Start Date: Thursday, 17 March 2016

LAmax Cutoff = 65 dB(A)
LAmax-LAeq(1hr) Cutoff = 15 dB(A)

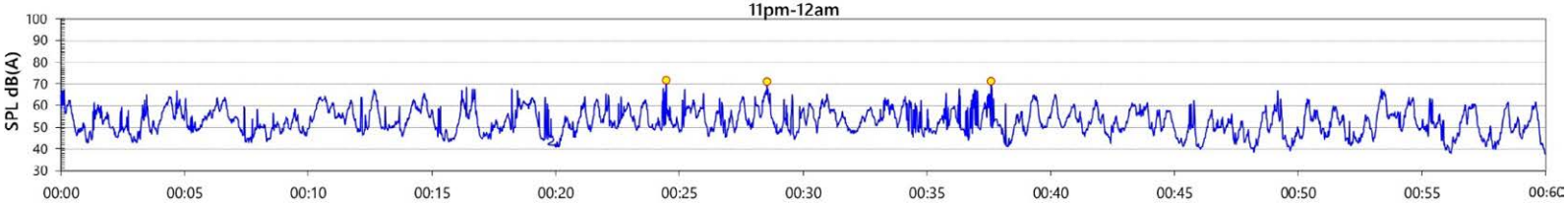
Summary Table										
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	57.1	57.5	55.4	54.1	55.2	55.1	56.4	57.5	59.7	57.2
LA90	47.9	47.8	44.4	41.8	41.8	44.0	46.4	51.5	54.6	-
Lav max	73.7	-	71.4	-	74.8	71.5	-	-	-	72.8
No Events	1	0	3	0	3	1	0	0	0	8



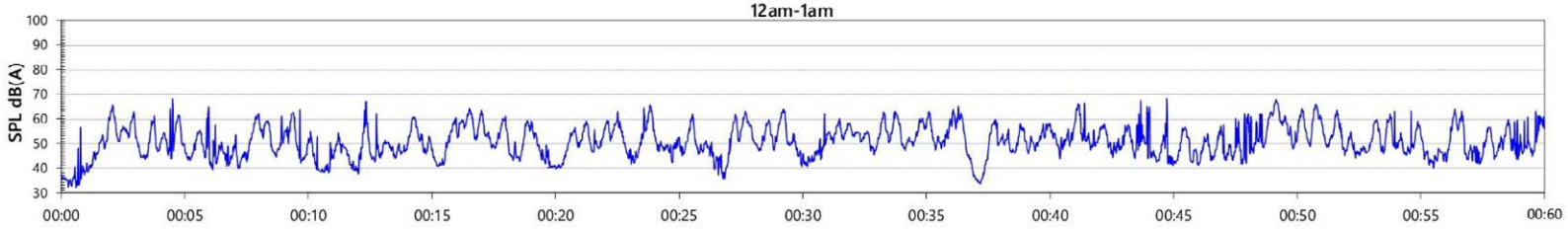
10pm-11pm



11pm-12am



12am-1am

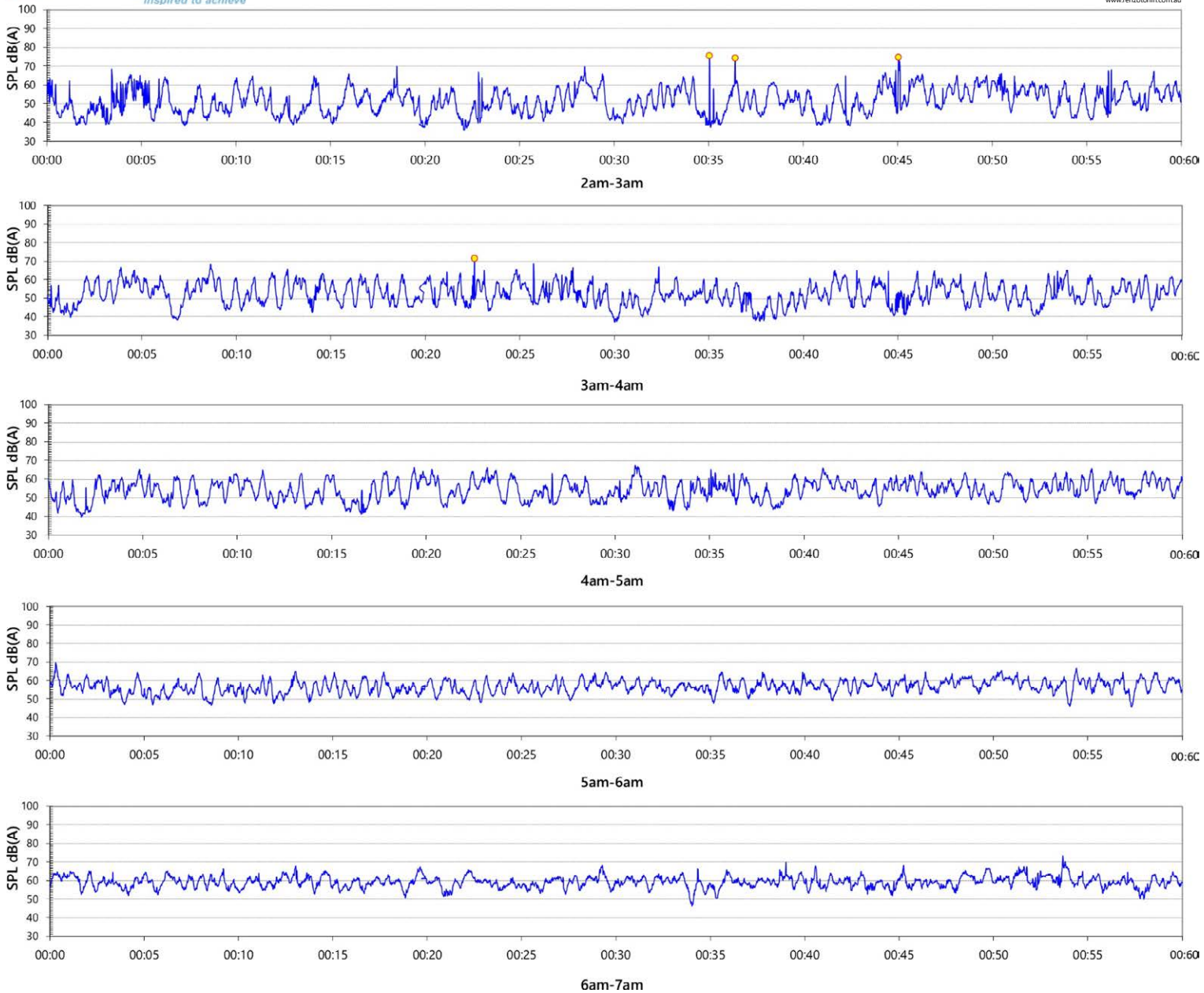


1am-2am

dBMAX Maximum Noise Level Analysis

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Template: QTE-01 dBMAX (r30)

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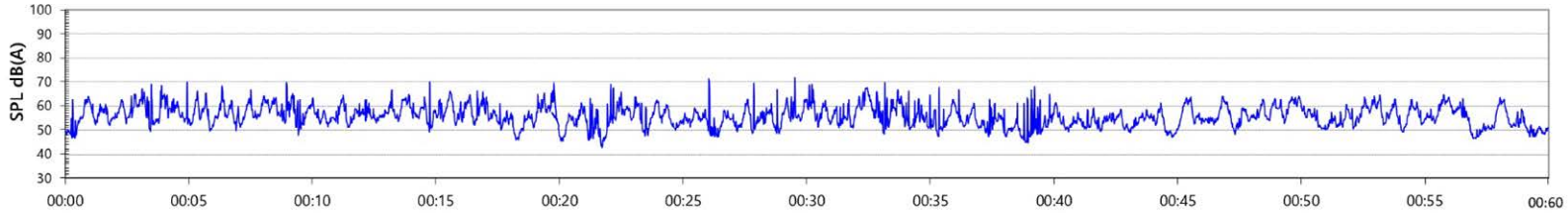
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dBMAX Maximum Noise Level Analysis

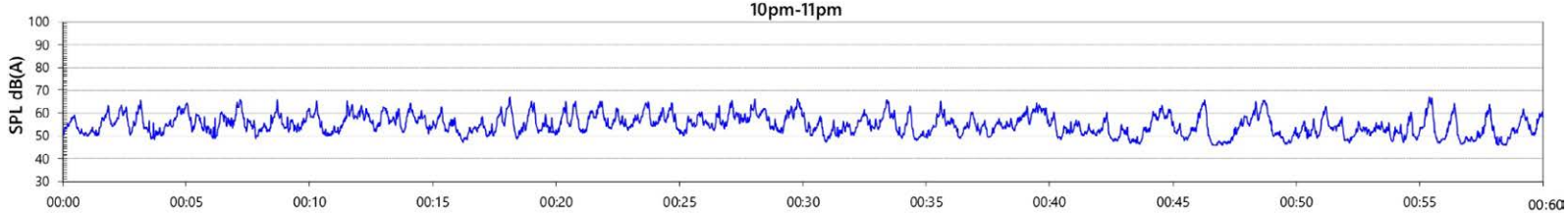
Project Number: **TL081-01** Start Date: Friday, 18 March 2016 LAmax Cutoff = 65 dB(A)

Address: 2209 Pacific Highway, Heatherbrae LAmax-LAeq(1hr) Cutoff = 15 dB(A)

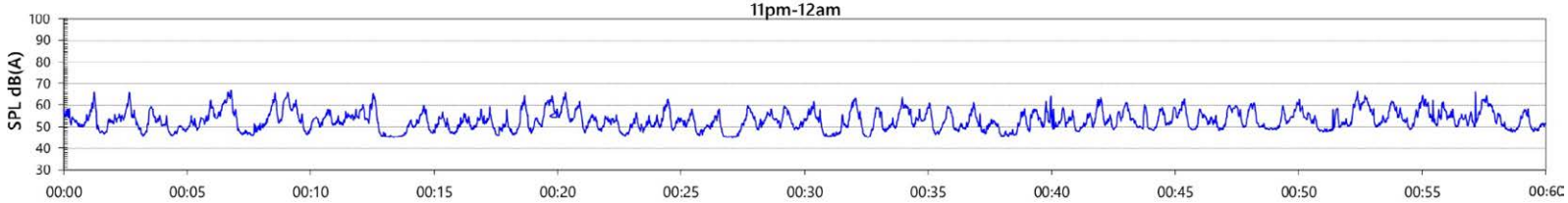
Summary Table										
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	56.9	56.5	54.7	54.4	53.0	52.9	53.9	55.1	57.1	54.7
LA90	49.6	48.8	46.9	44.3	41.6	37.8	42.1	46.0	51.2	-
Lav max	-	-	-	-	69.0	-	-	-	-	69.0
No Events	0	0	0	0	1	0	0	0	0	1



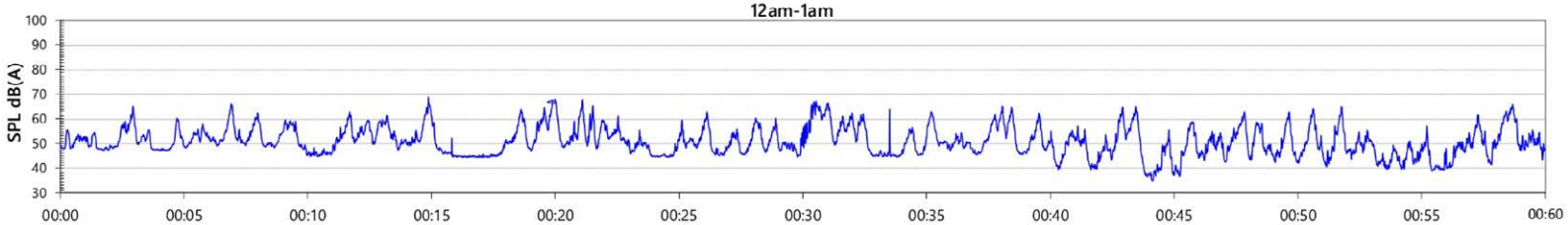
10pm-11pm



11pm-12am



12am-1am

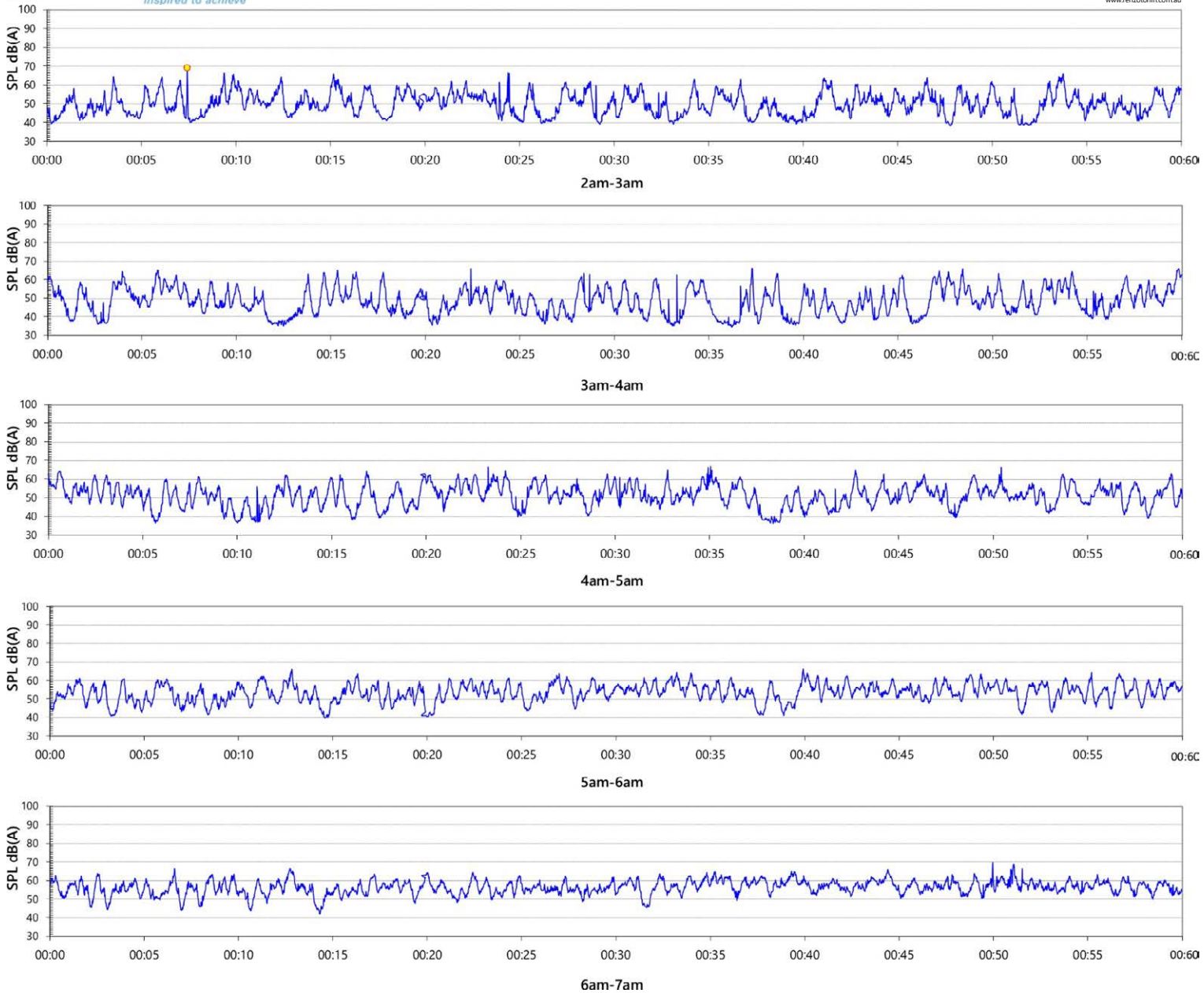


1am-2am

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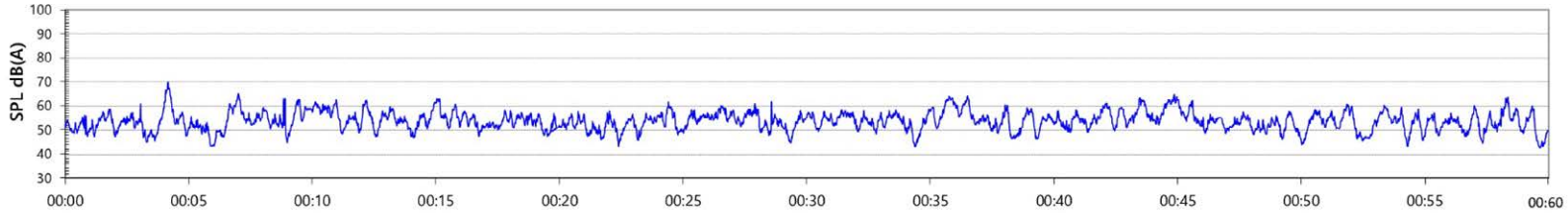
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dBMAX Maximum Noise Level Analysis

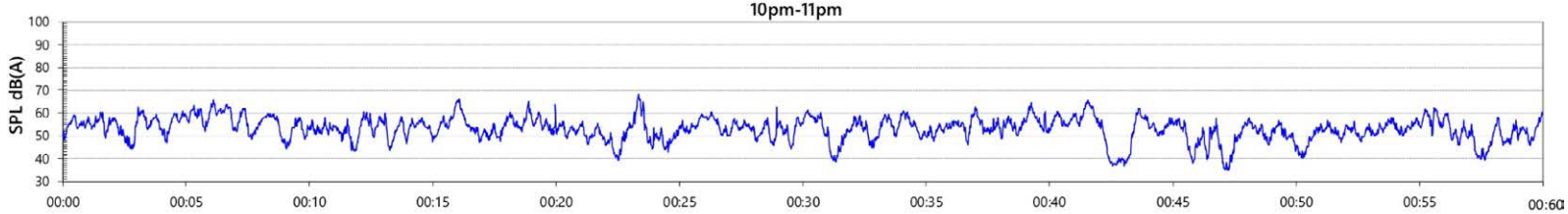
Project Number: **TL081-01** Start Date: Saturday, 19 March 2016 LAmax Cutoff = 65 dB(A)

Address: 2209 Pacific Highway, Heatherbrae LAmax-LAeq(1hr) Cutoff = 15 dB(A)

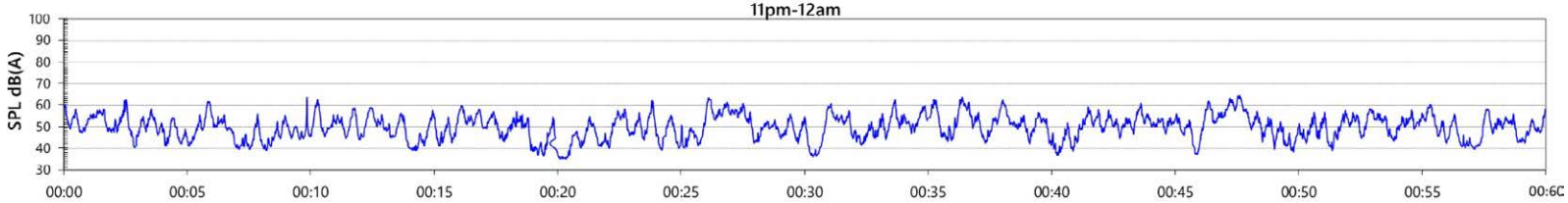
Summary Table										
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	54.9	54.9	52.3	50.0	49.4	48.3	48.5	51.8	53.7	50.9
LA90	48.0	45.7	41.3	37.5	36.0	36.7	38.7	42.1	47.9	-
Lav max	-	-	-	-	-	65.7	-	-	69.7	67.7
No Events	0	0	0	0	0	2	0	0	4	6



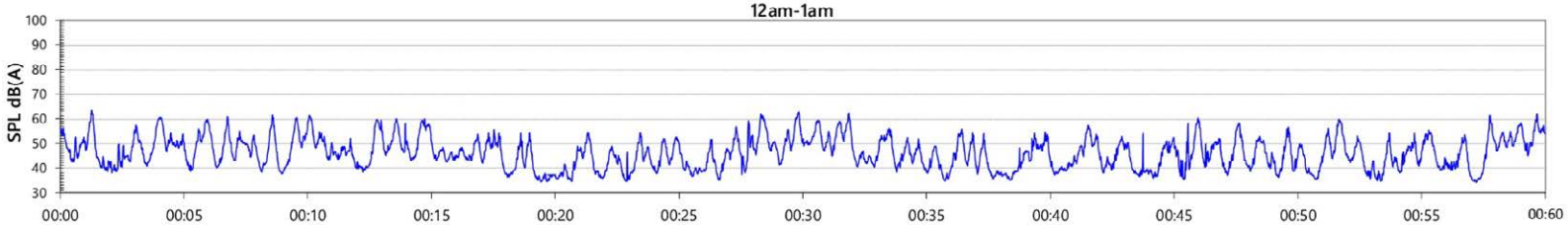
10pm-11pm



11pm-12am



12am-1am

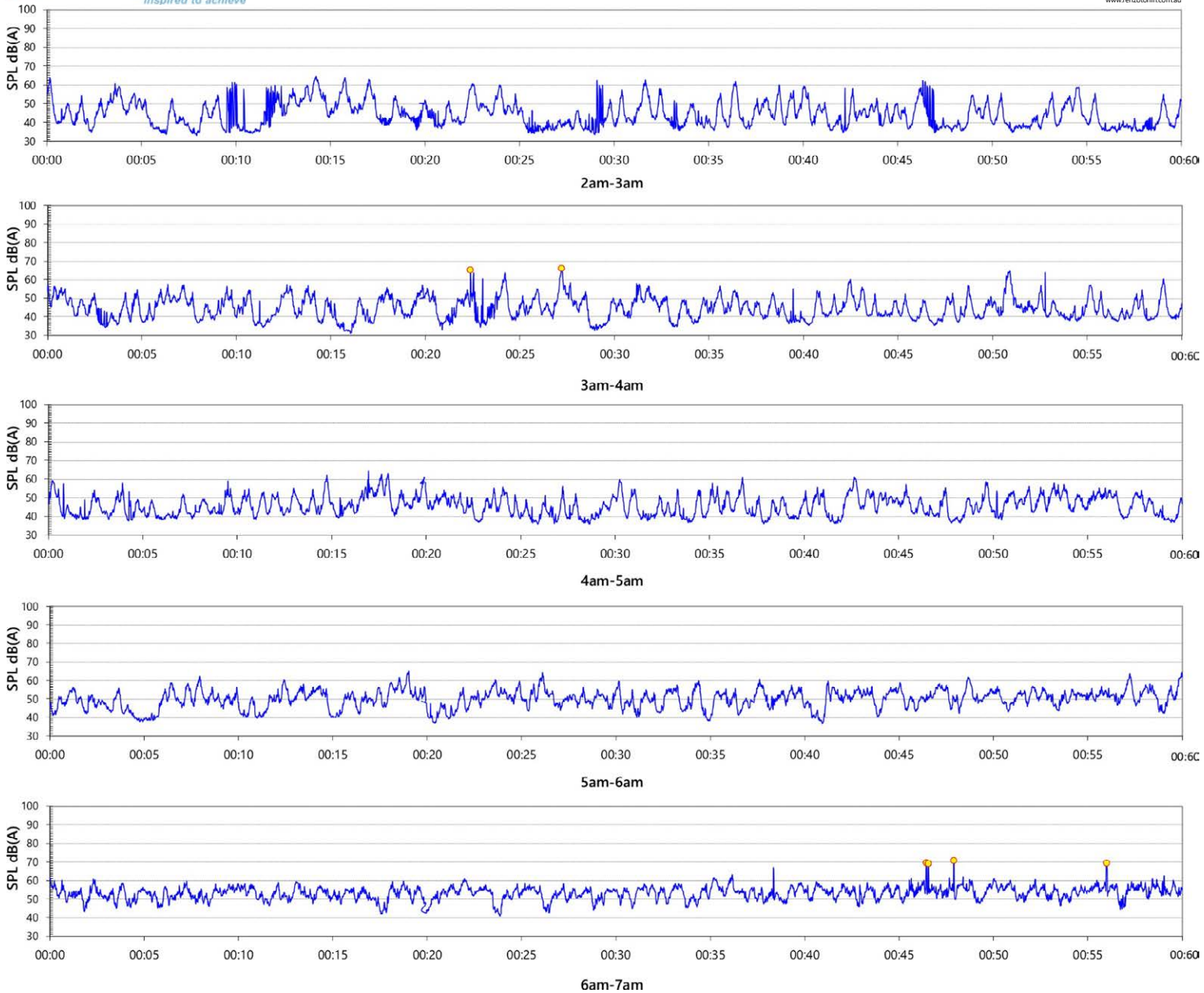


1am-2am

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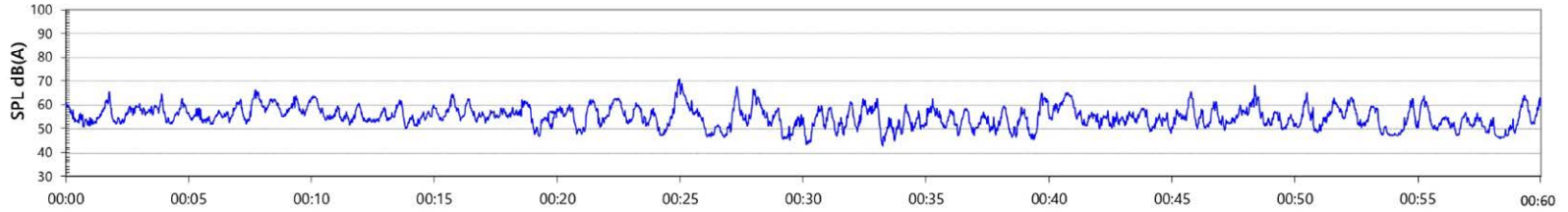
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dBMAX Maximum Noise Level Analysis

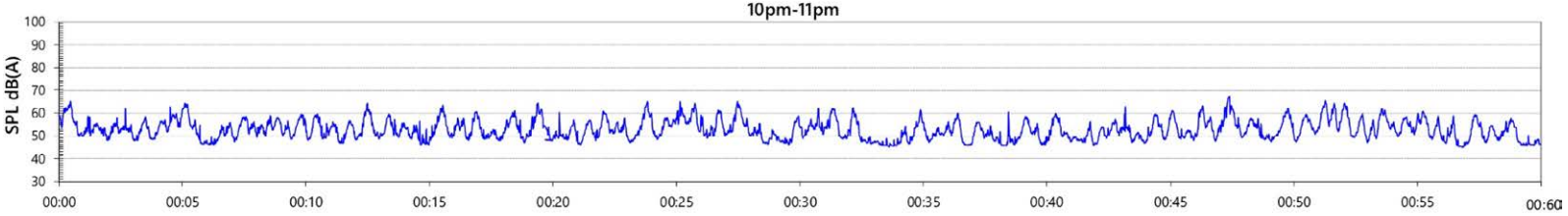
Project Number: **TL081-01** Start Date: Sunday, 20 March 2016 LAmax Cutoff = 65 dB(A)

Address: 2209 Pacific Highway, Heatherbrae LAmax-LAeq(1hr) Cutoff = 15 dB(A)

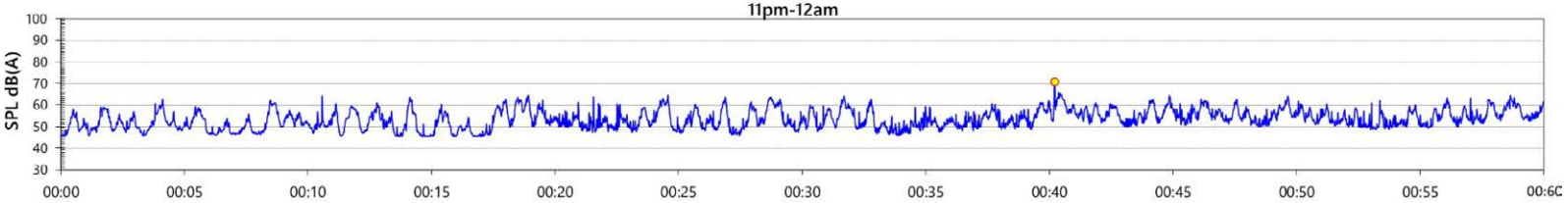
Summary Table										
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	56.6	54.5	54.8	54.8	53.2	53.9	54.5	57.9	58.8	56.3
LA90	49.0	47.1	47.2	45.5	37.9	42.9	43.7	49.8	53.4	-
Lav max	-	-	70.9	70.7	69.9	71.1	70.6	-	-	70.6
No Events	0	0	2	2	2	1	1	0	0	8



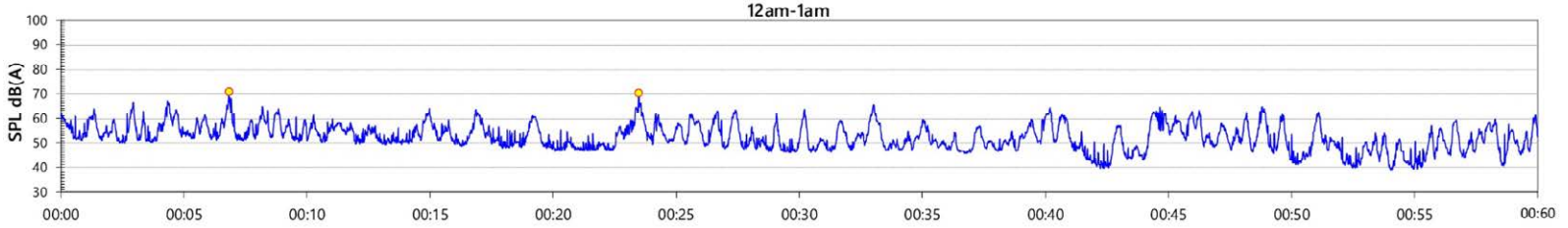
10pm-11pm



11pm-12am



12am-1am

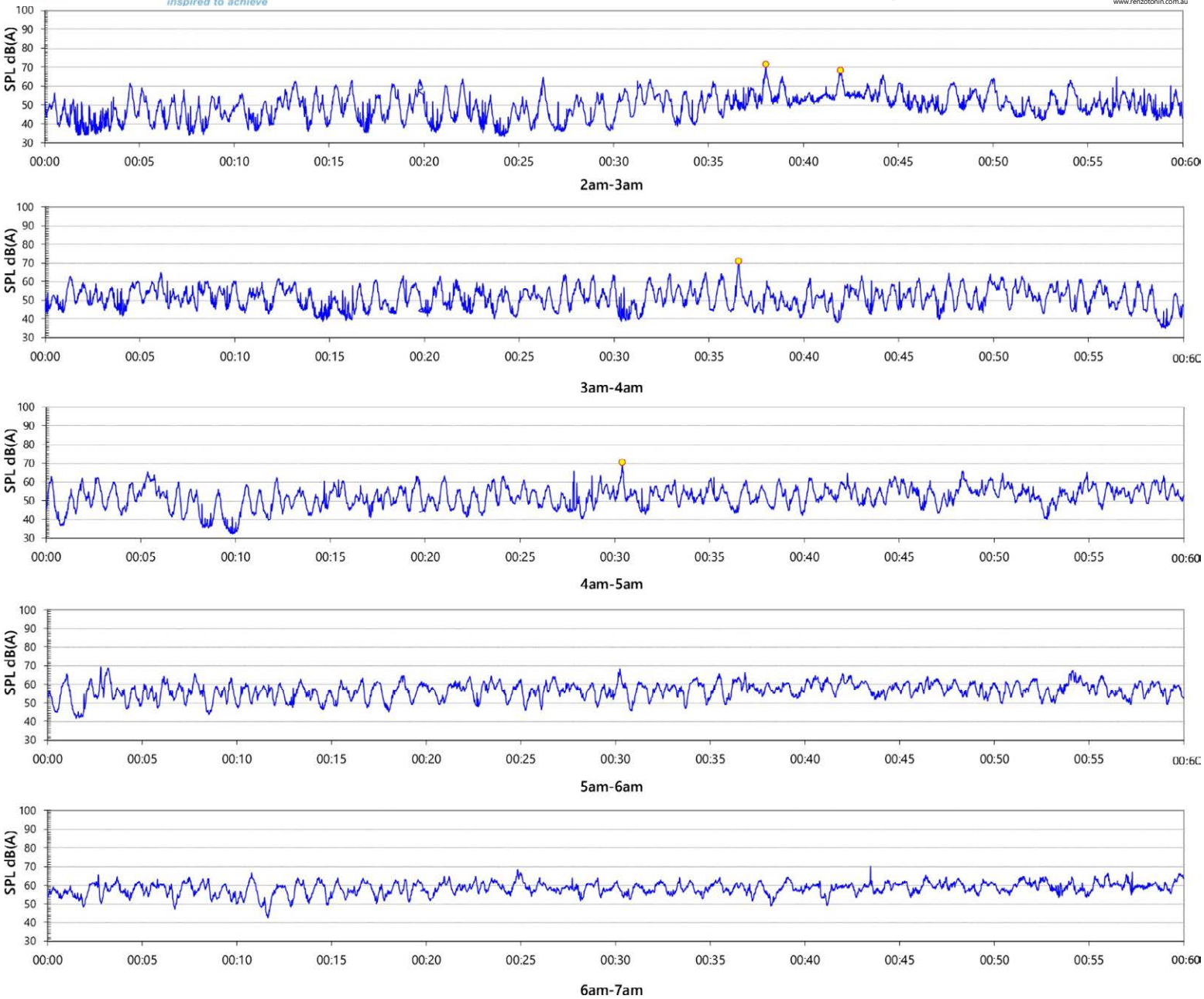


1am-2am

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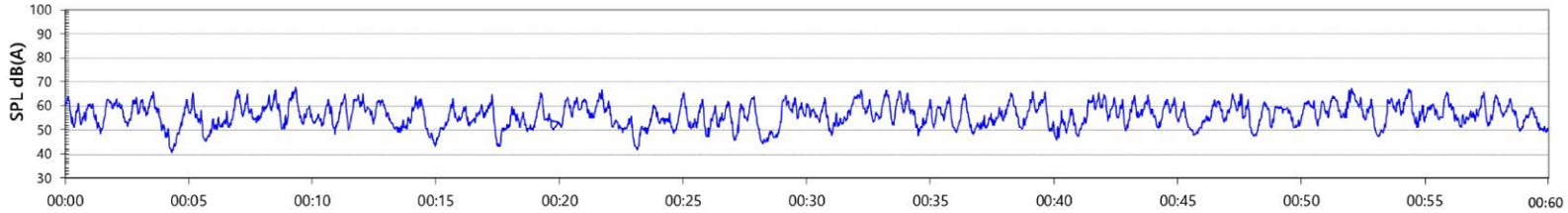
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dBMAX Maximum Noise Level Analysis

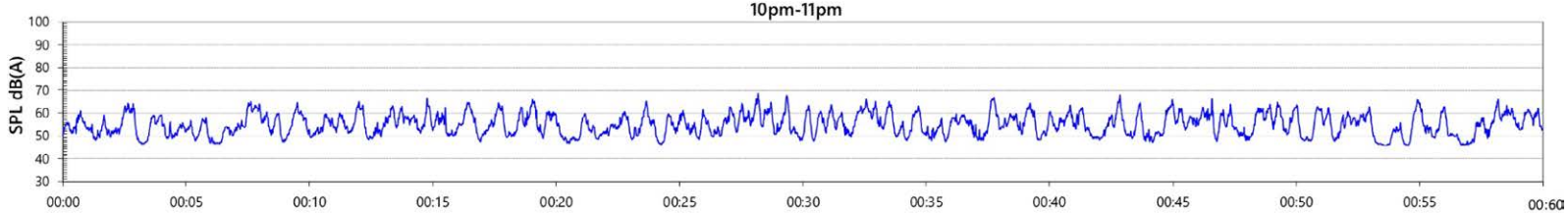
Project Number: **TL081-01** Start Date: Monday, 21 March 2016 LAmax Cutoff = 65 dB(A)

Address: 2209 Pacific Highway, Heatherbrae LAmax-LAeq(1hr) Cutoff = 15 dB(A)

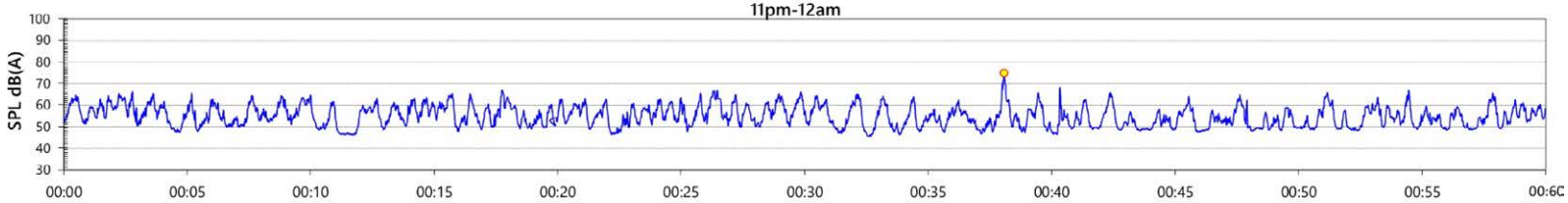
Summary Table										
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	57.9	56.8	56.9	55.1	54.7	55.7	56.7	57.8	59.4	57.2
LA90	49.5	48.4	48.4	45.5	41.6	43.9	47.5	51.7	54.7	-
Lav max	-	-	75.0	-	-	-	-	-	76.5	75.8
No Events	0	0	1	0	0	0	0	0	2	3



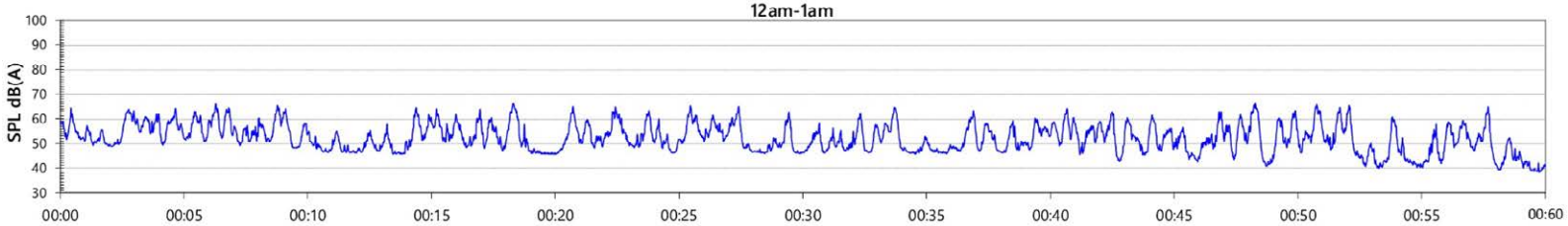
10pm-11pm



11pm-12am



12am-1am

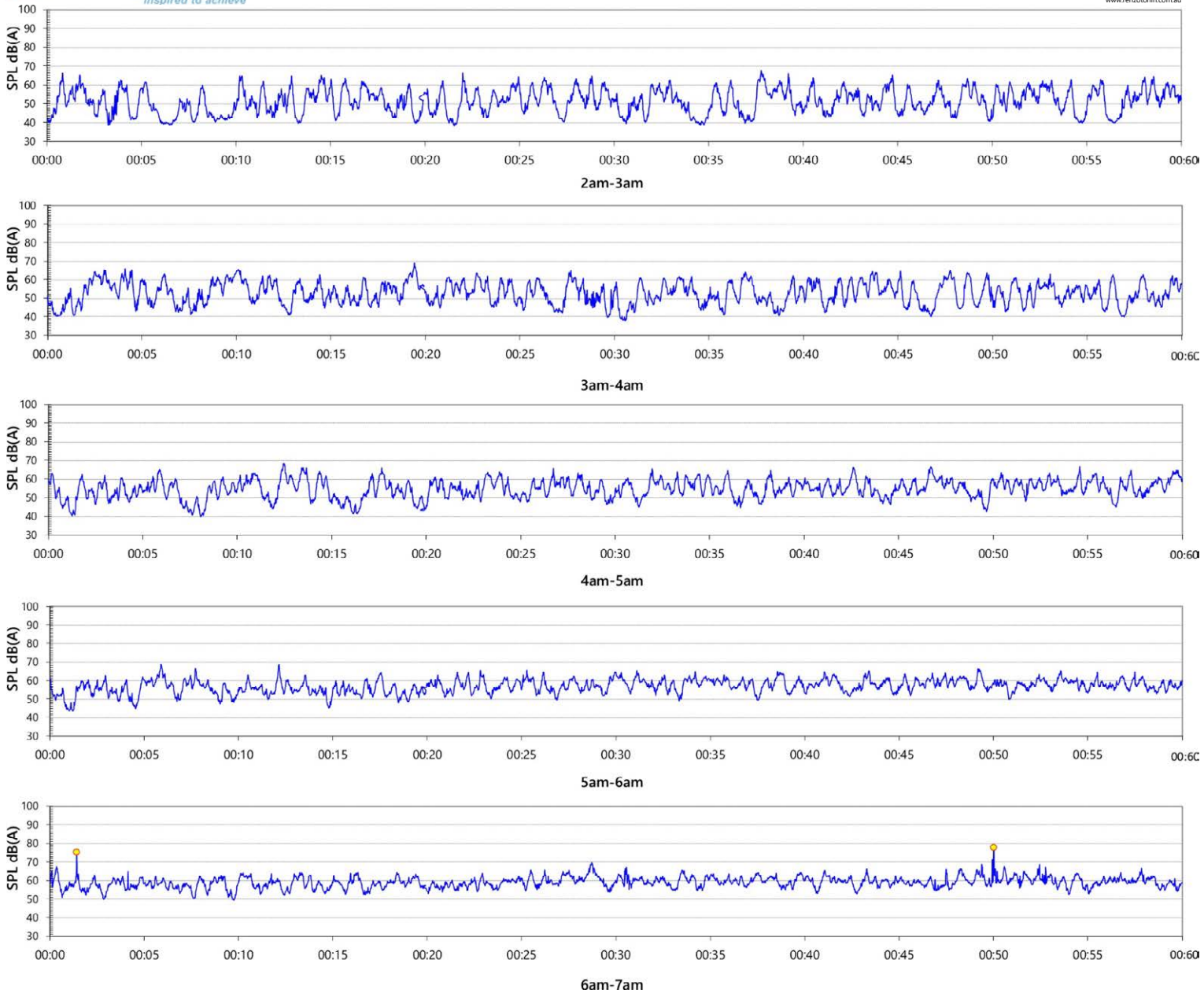


1am-2am

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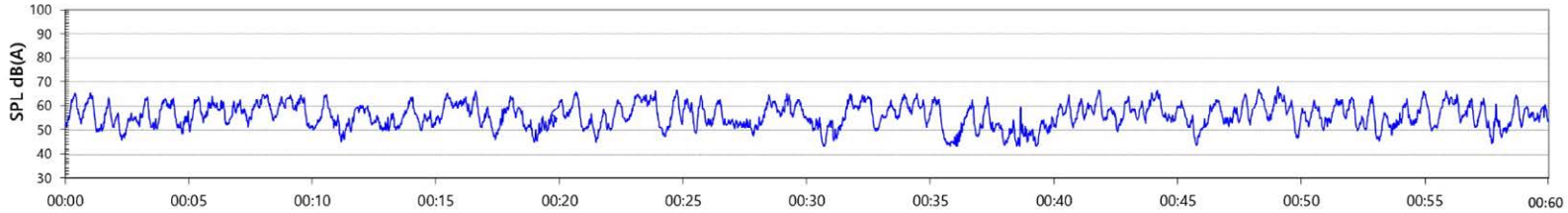
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dBMAX Maximum Noise Level Analysis

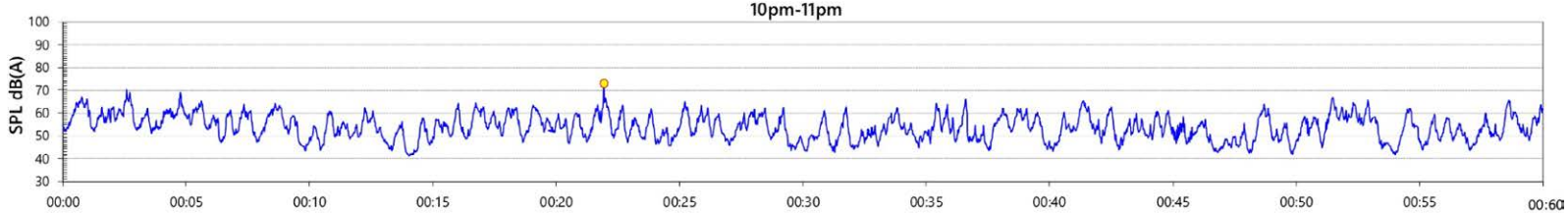
Project Number: **TL081-01** Start Date: Tuesday, 22 March 2016 LAmax Cutoff = 65 dB(A)

Address: 2209 Pacific Highway, Heatherbrae LAmax-LAeq(1hr) Cutoff = 15 dB(A)

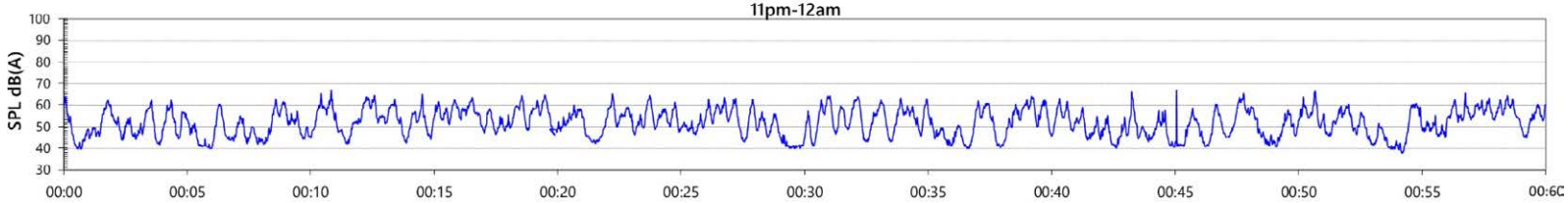
Summary Table										
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	58.0	56.4	55.0	54.4	54.2	55.3	56.0	57.3	59.3	56.8
LA90	49.2	46.0	42.5	38.6	40.7	44.0	45.5	50.2	54.8	-
Lav max	-	73.1	-	-	70.8	-	-	-	-	72.0
No Events	0	1	0	0	1	0	0	0	0	2



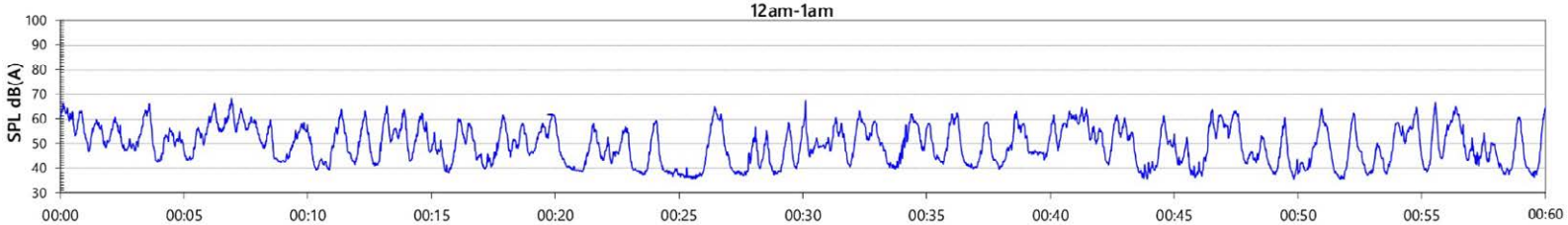
10pm-11pm



11pm-12am



12am-1am

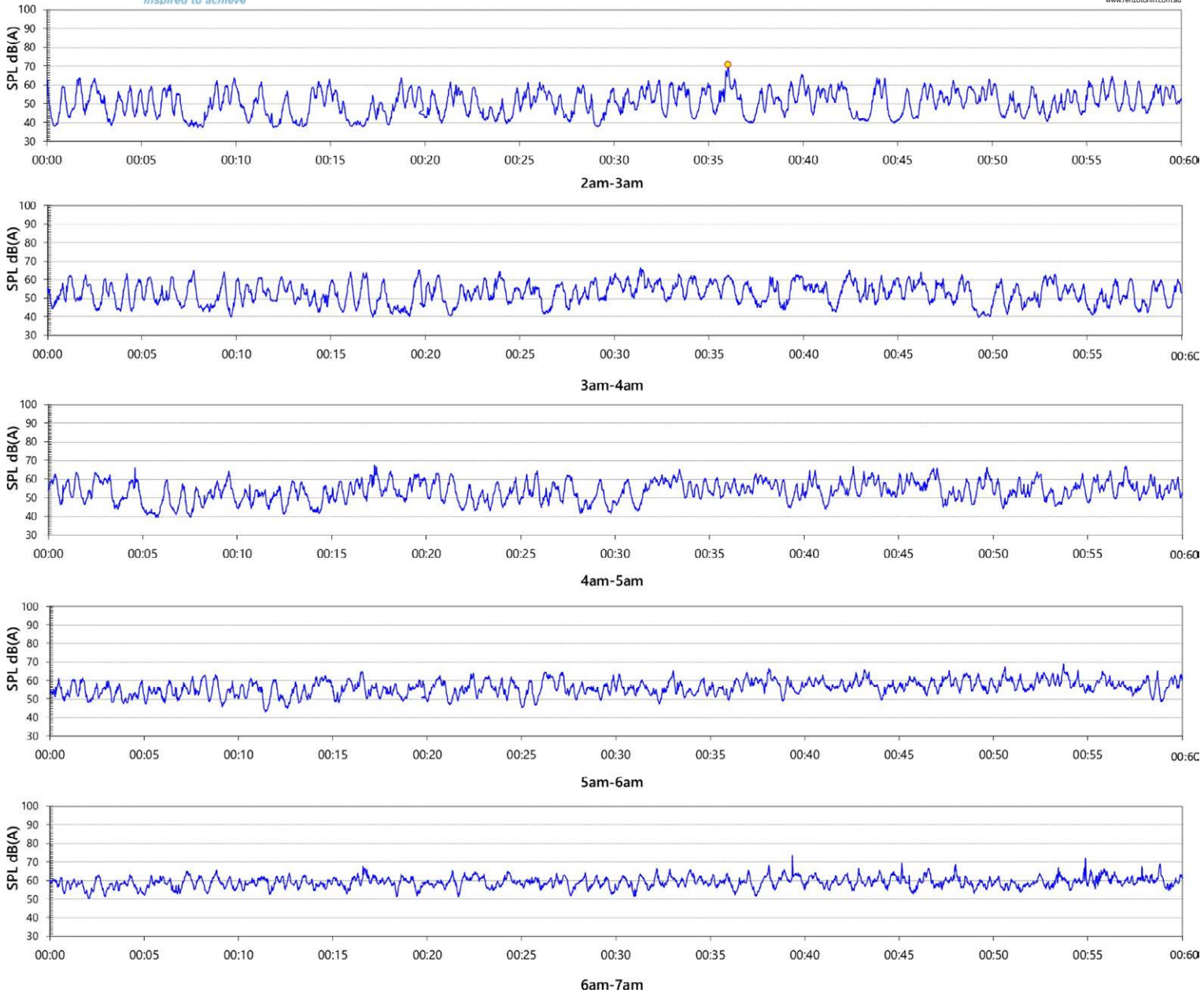


1am-2am

dBMAX Maximum Noise Level Analysis

Acoustics
Vibration
Structural Dynamics

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www.renzotonin.com.au



Template: QTE-01 dBMAX (r30)

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Acoustics
Vibration
Structural Dynamics

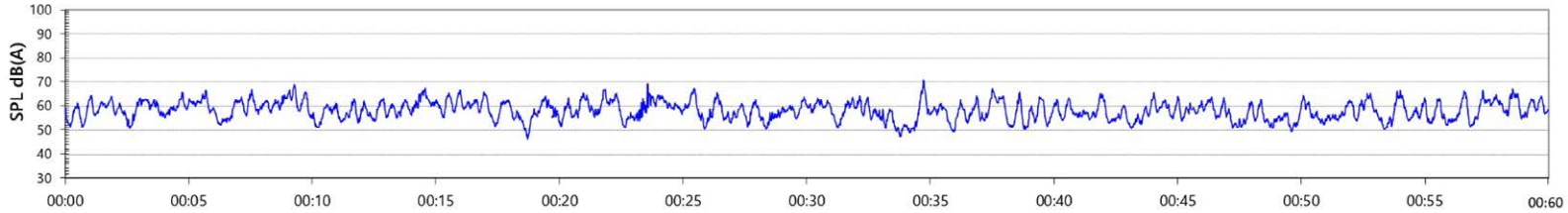
sydney@renzotonin.com.au
www.renzotonin.com.au

dBMAX Maximum Noise Level Analysis

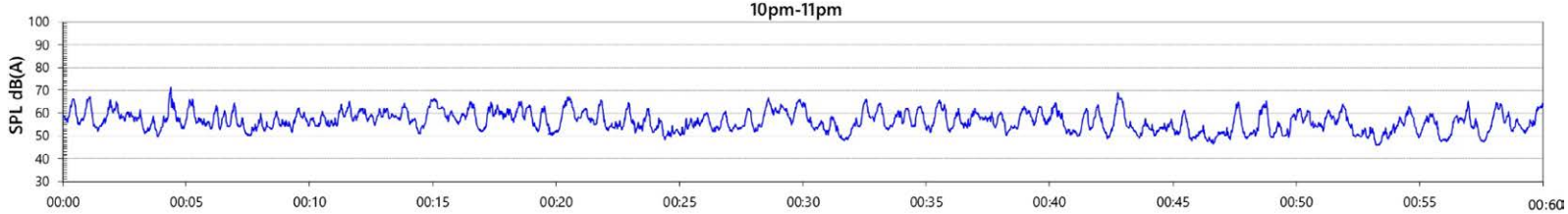
Project Number: **TL081-01** Start Date: Wednesday, 23 March 2016 LAmax Cutoff = 65 dB(A)

Address: 2209 Pacific Highway, Heatherbrae LAmax-LAeq(1hr) Cutoff = 15 dB(A)

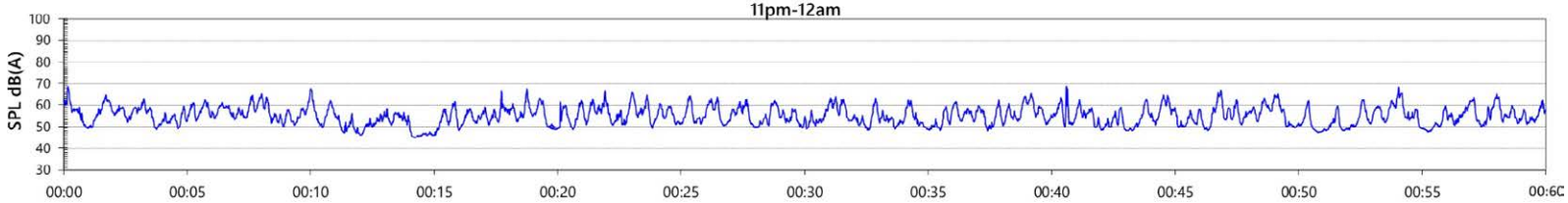
Summary Table										
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	59.1	58.1	56.6	55.8	54.2	55.0	57.1	58.4	59.4	57.3
LA90	52.5	50.5	49.3	45.8	42.2	43.5	48.5	52.9	54.6	-
Lav max	-	-	-	-	-	-	-	-	-	#DIV/0!
No Events	0	0	0	0	0	0	0	0	0	0



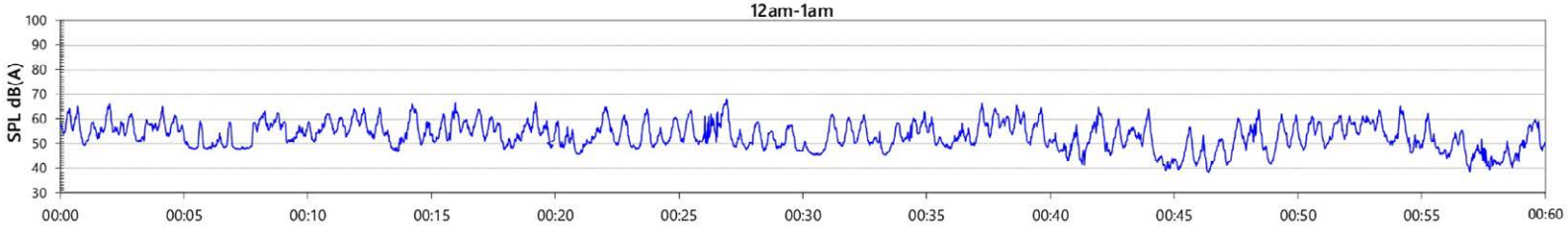
10pm-11pm



11pm-12am



12am-1am

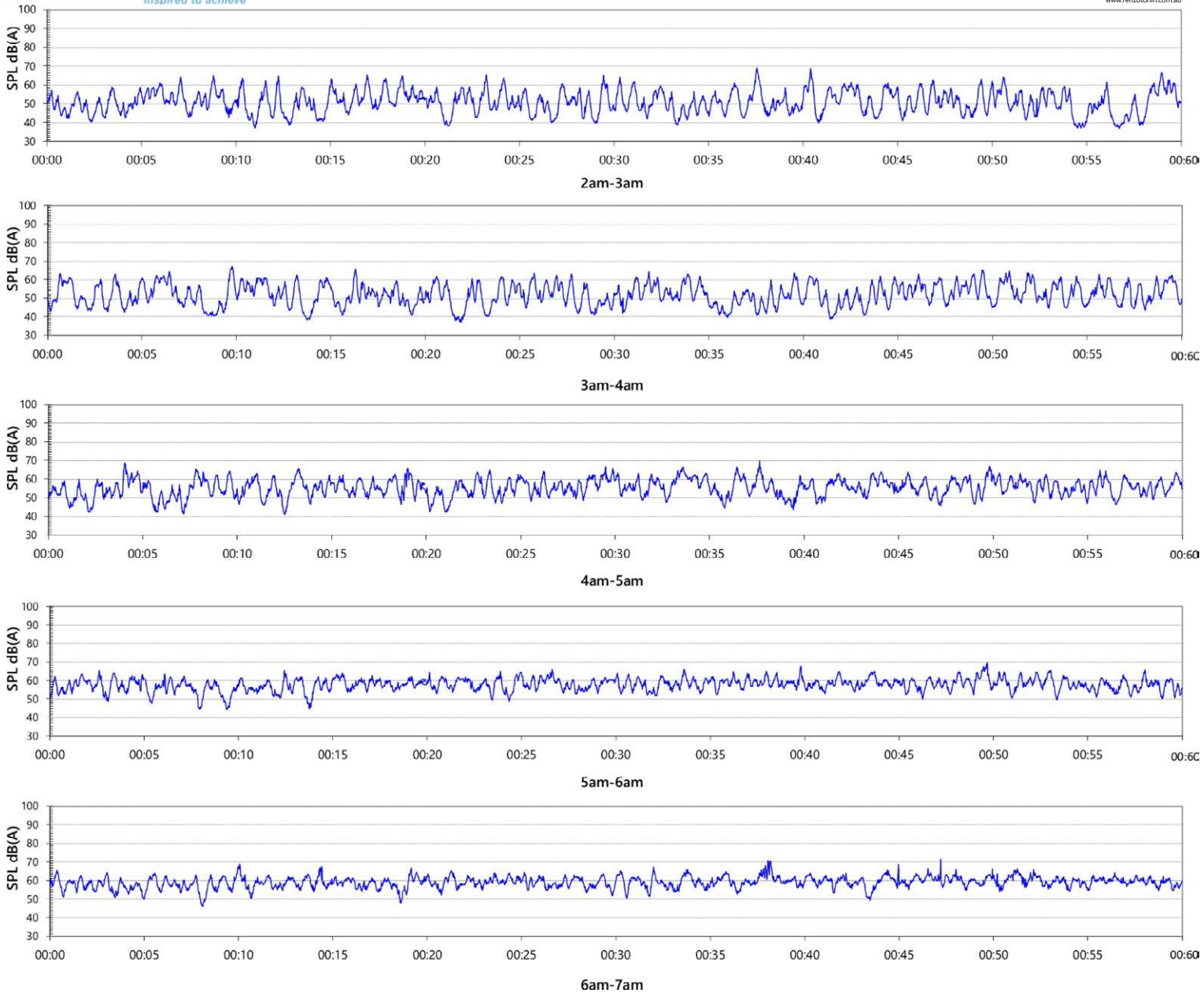


1am-2am

dBMAX Maximum Noise Level Analysis

Acoustics
Vibration
Structural Dynamics

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Template: QTE-01 dBMAX (r30)

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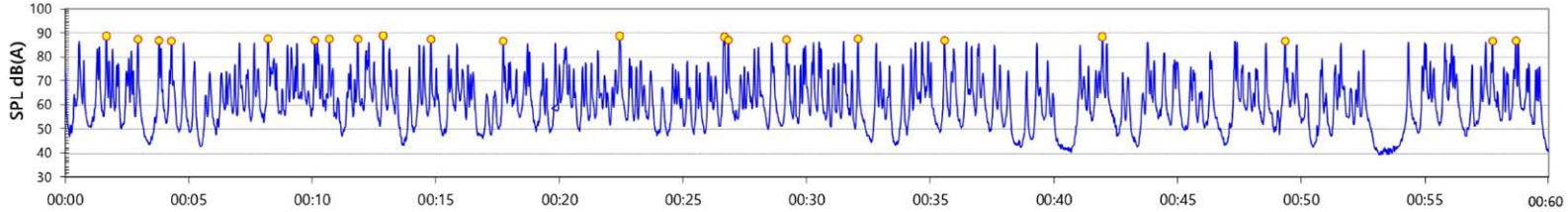
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dBMAX Maximum Noise Level Analysis

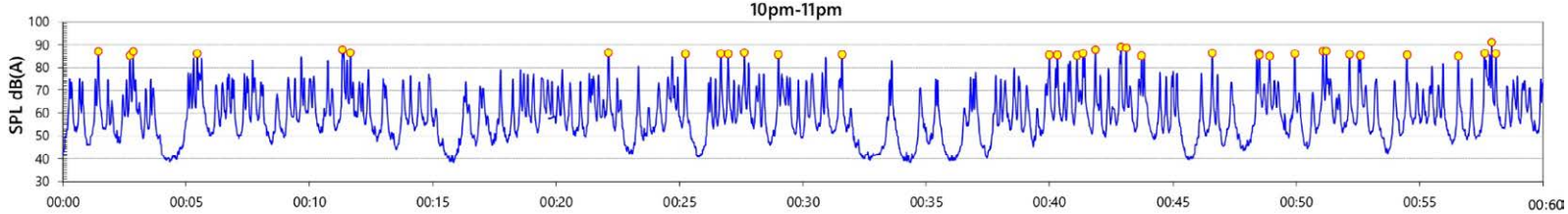
Project Number: **TL081-01** Start Date: Tuesday, 15 March 2016 LAmax Cutoff = 65 dB(A)

Address: Pacific Highway (north of Raymond Terrace Interchange) LAmax-LAeq(1hr) Cutoff = 15 dB(A)

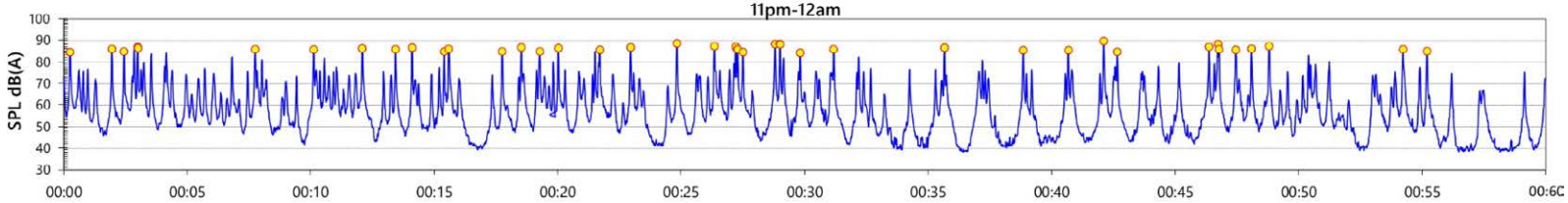
Summary Table										
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	71.5	69.9	69.3	68.0	66.6	66.5	66.7	69.4	71.2	68.5
LA90	47.6	44.7	42.0	39.1	38.8	38.9	41.8	51.1	57.2	-
Lav max	87.4	86.5	86.2	85.6	85.2	85.2	84.7	86.4	87.3	86.1
No Events	21	36	42	36	29	18	24	23	11	240



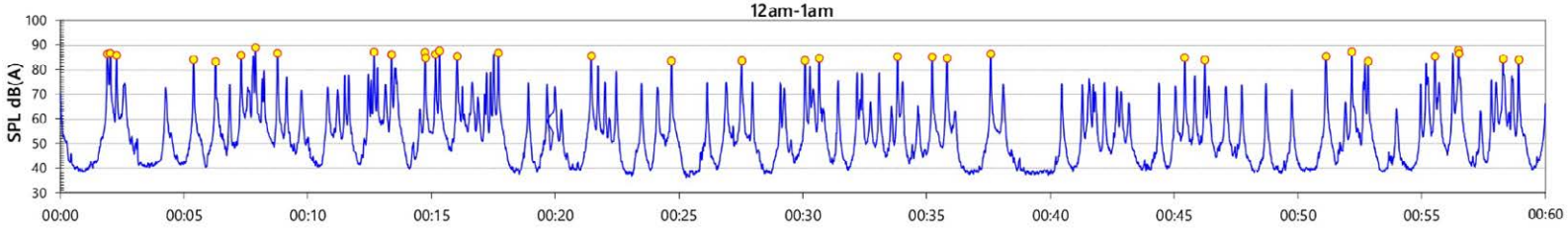
10pm-11pm



11pm-12am



12am-1am

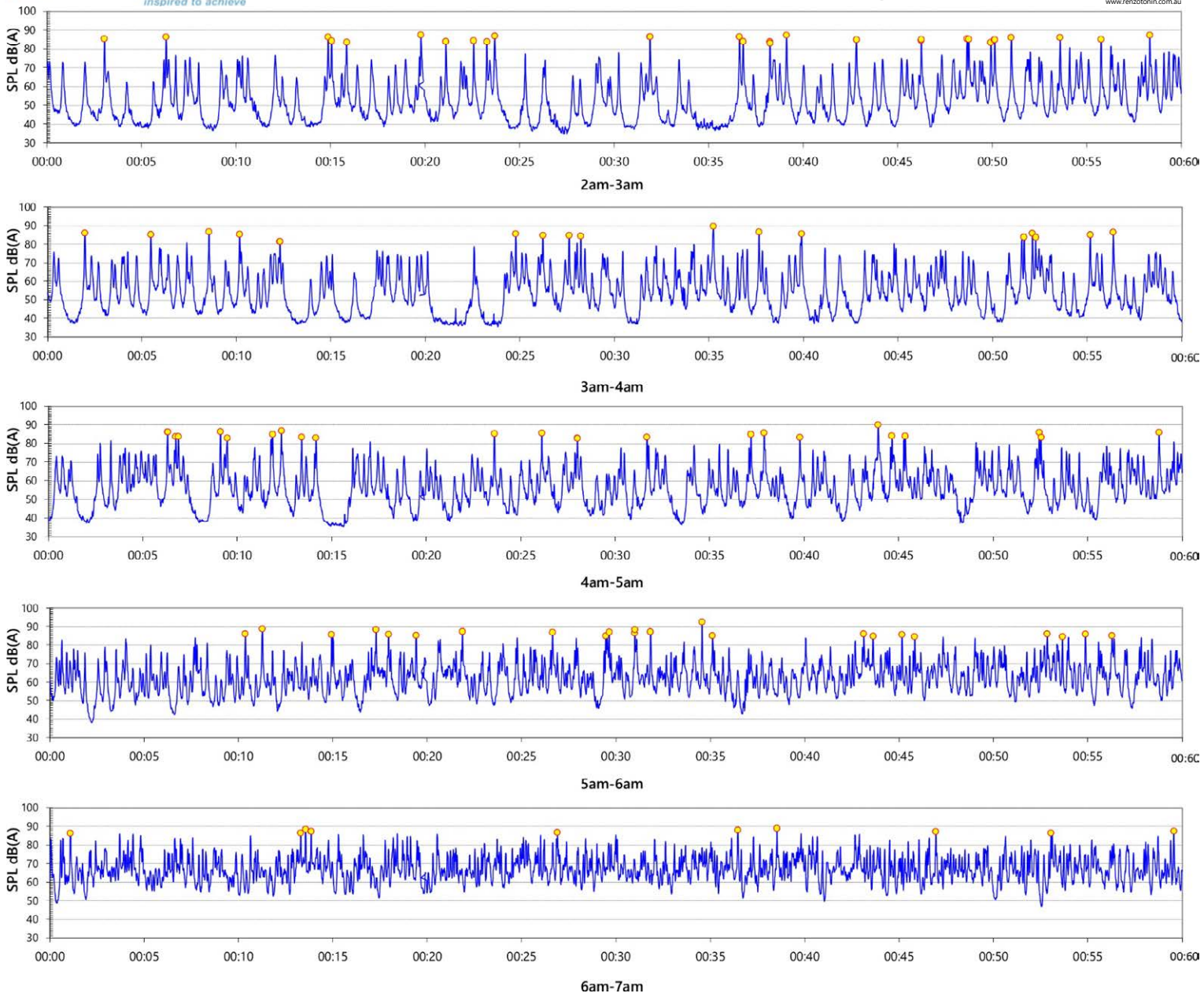


1am-2am

dBMAX Maximum Noise Level Analysis

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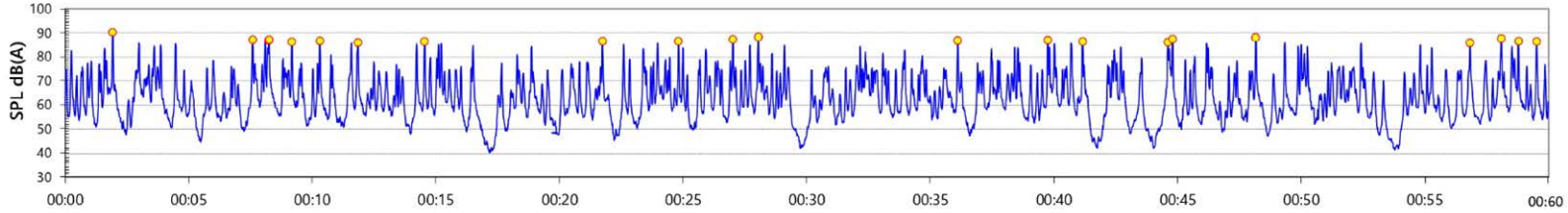
dBMAX Maximum Noise Level Analysis

Project Number: **TL081-01** Start Date: Wednesday, 16 March 2016 LAmax Cutoff = 65 dB(A)

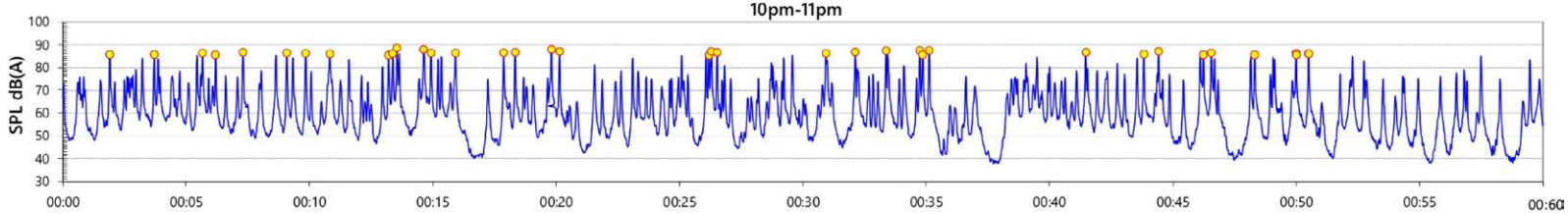
Address: Pacific Highway (north of Raymond Terrace Interchange) LAmax-LAeq(1hr) Cutoff = 15 dB(A)

Summary Table

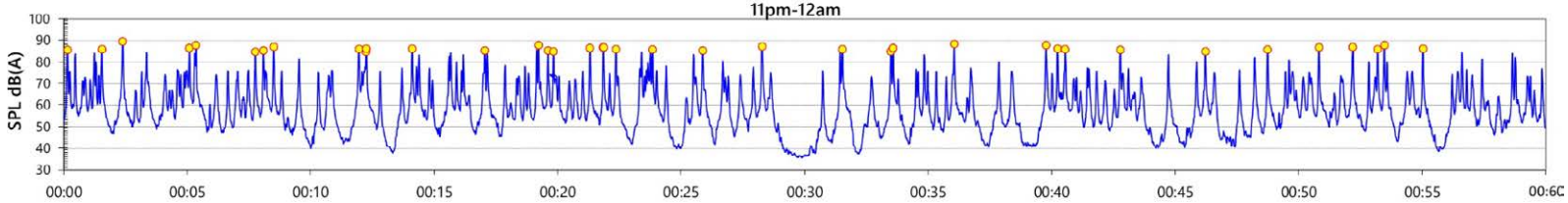
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	70.8	70.4	69.6	68.7	66.7	66.3	69.1	70.2	71.4	69.2
LA90	50.7	45.9	43.3	40.1	37.5	39.8	45.5	52.7	59.1	-
Lav max	87.0	86.5	86.2	86.2	85.3	84.6	86.0	87.3	87.2	86.3
No Events	22	37	38	38	30	16	31	17	4	233



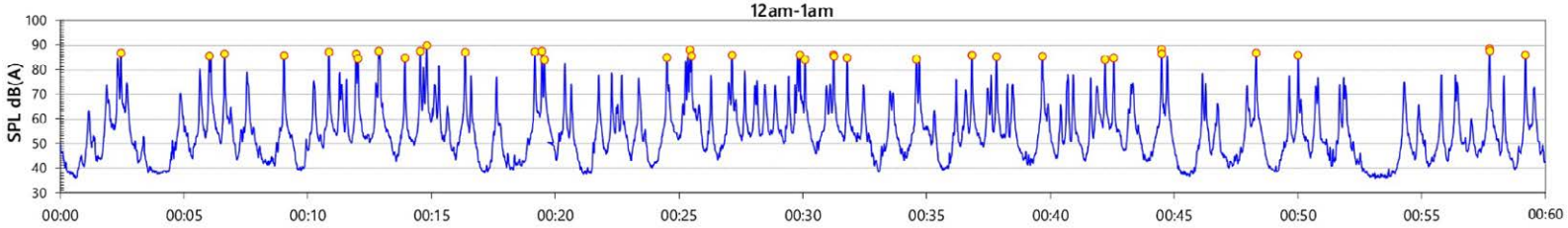
10pm-11pm



11pm-12am



12am-1am

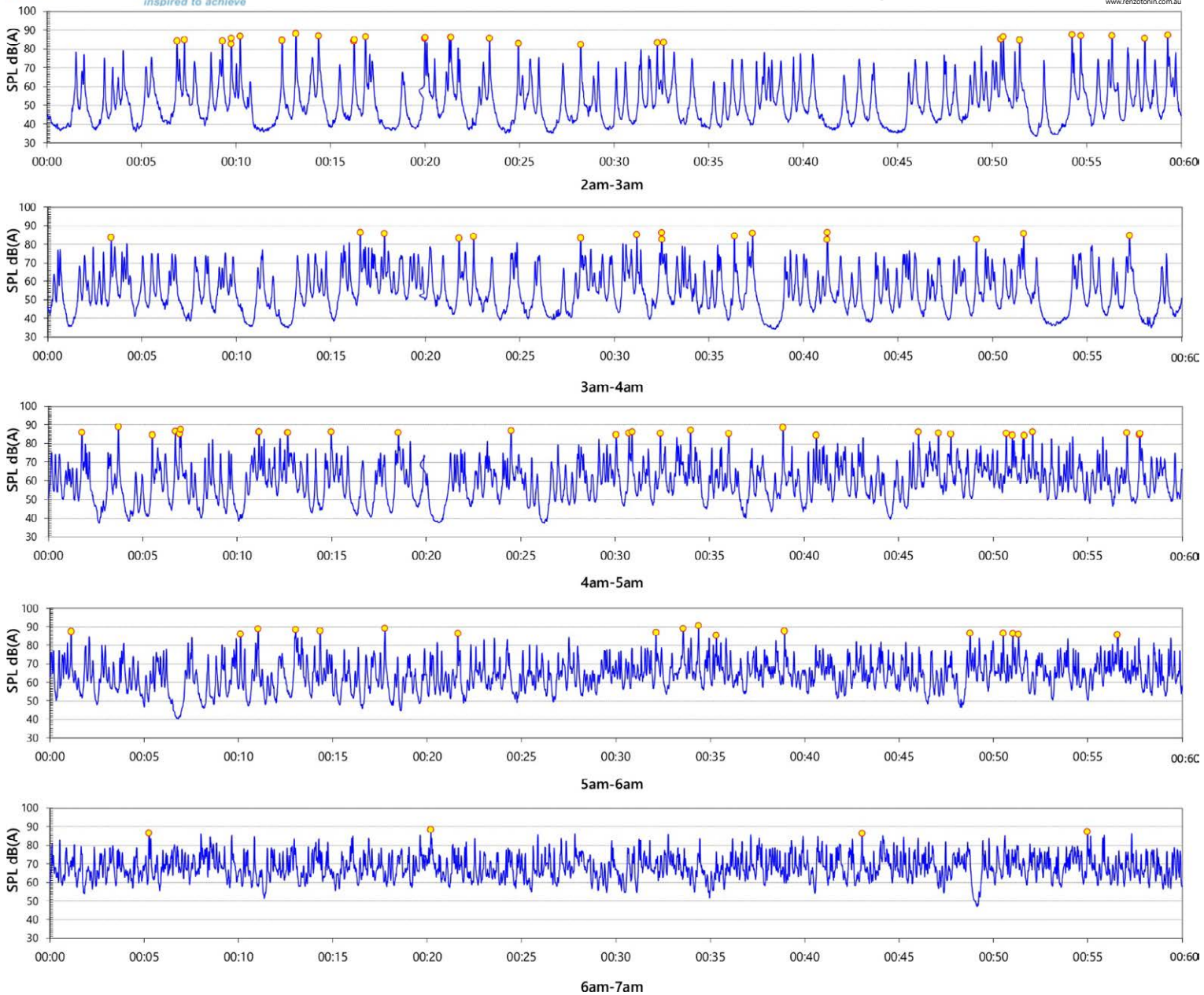


1am-2am

dBMAX Maximum Noise Level Analysis

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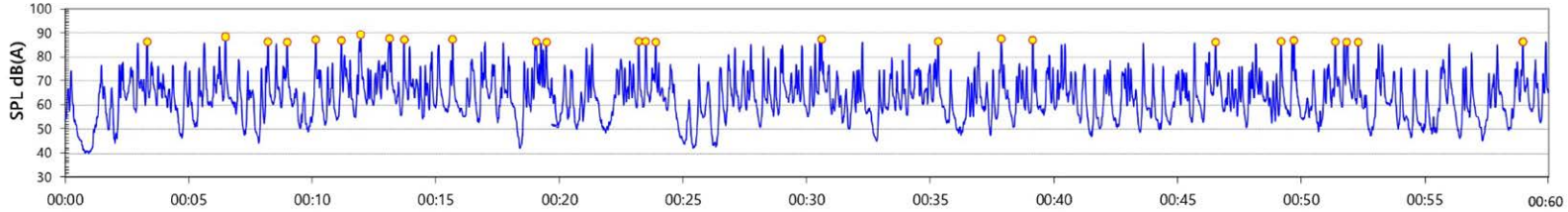
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dBMAX Maximum Noise Level Analysis

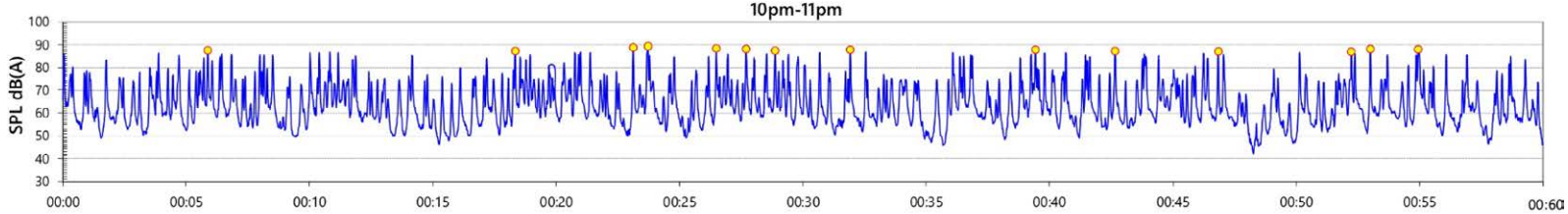
Project Number: **TL081-01** Start Date: Thursday, 17 March 2016 LAmax Cutoff = 65 dB(A)

Address: Pacific Highway (north of Raymond Terrace Interchange) LAmax-LAeq(1hr) Cutoff = 15 dB(A)

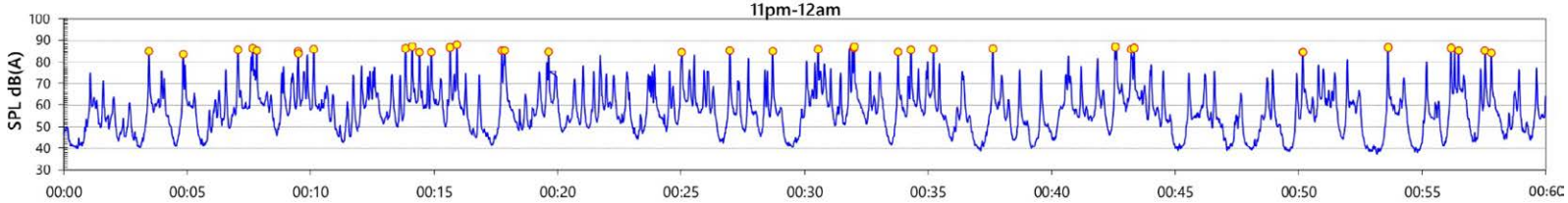
Summary Table										
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	71.2	71.7	68.6	67.4	67.2	67.6	68.7	69.9	71.5	69.3
LA90	50.6	52.6	42.8	38.3	39.2	39.3	50.0	55.6	60.0	-
Lav max	86.8	87.9	85.6	85.1	84.7	85.0	85.8	86.4	87.1	86.0
No Events	27	14	37	31	31	29	22	15	3	209



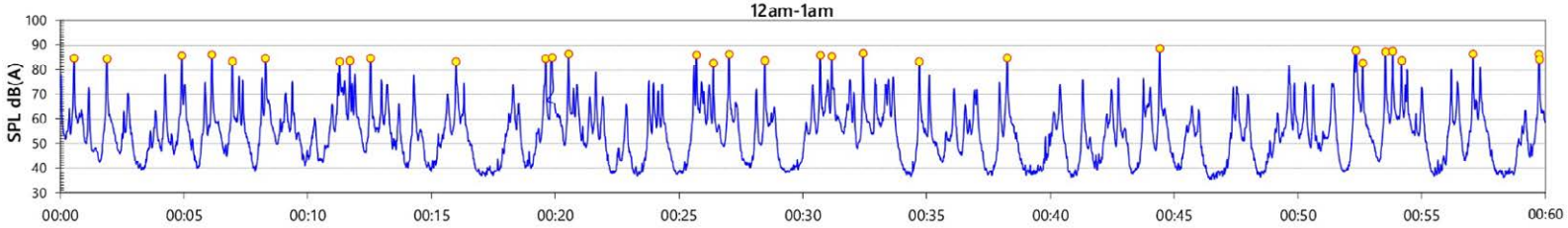
10pm-11pm



11pm-12am



12am-1am

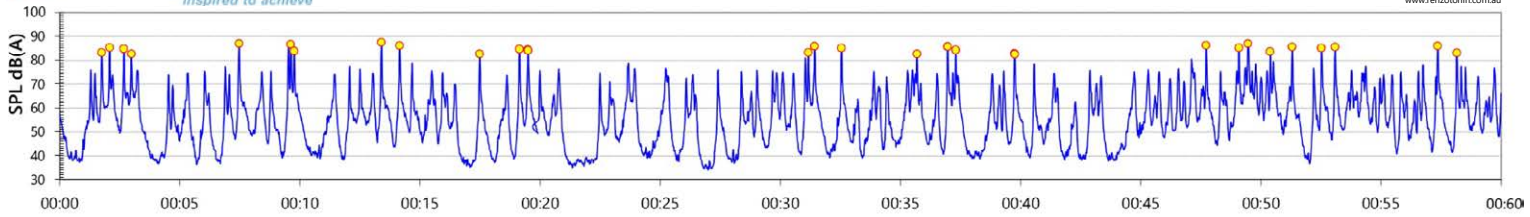


1am-2am

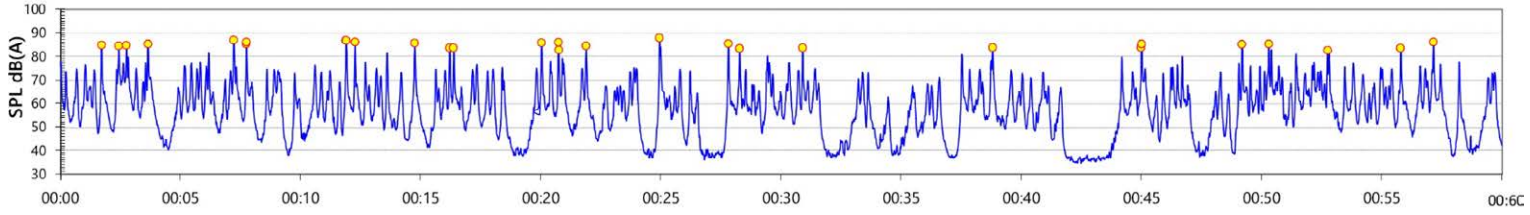
dBMAX Maximum Noise Level Analysis

Acoustics
Vibration
Structural Dynamics

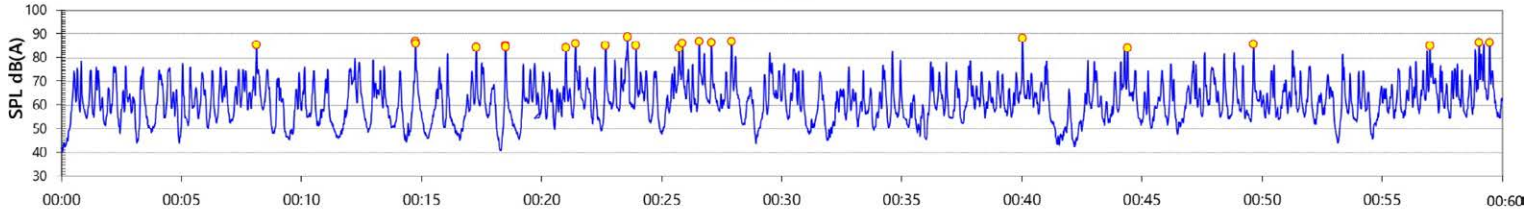
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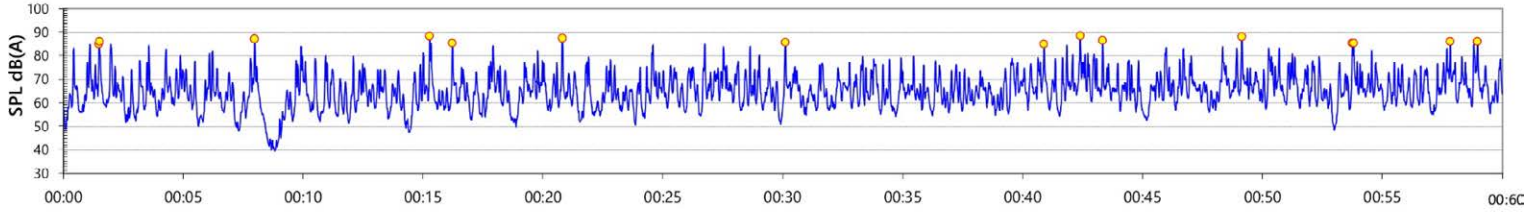
2am-3am



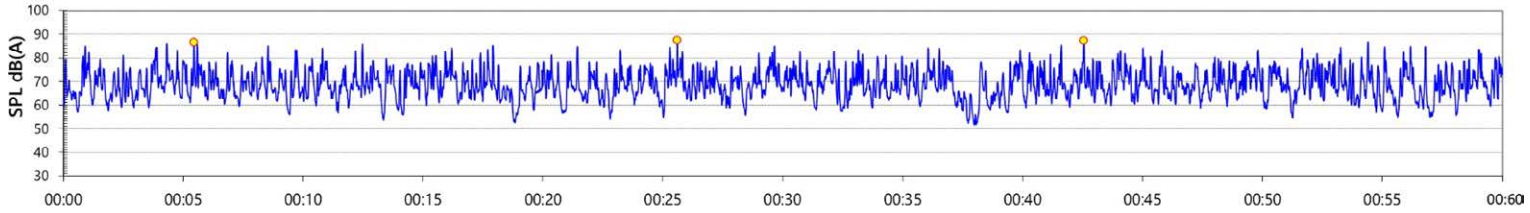
3am-4am



4am-5am



5am-6am



6am-7am

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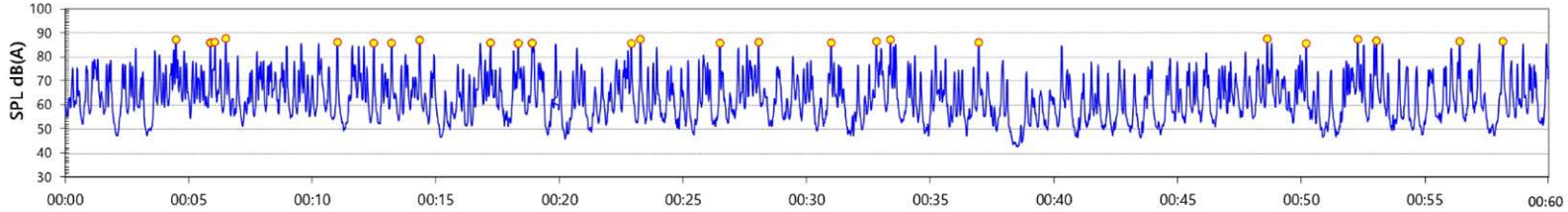
dBMAX Maximum Noise Level Analysis

Project Number: **TL081-01** Start Date: Friday, 18 March 2016 LAmax Cutoff = 65 dB(A)

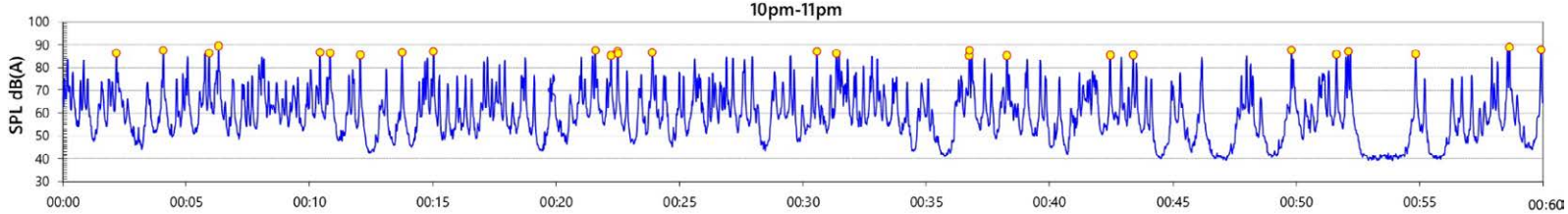
Address: Pacific Highway (north of Raymond Terrace Interchange) LAmax-LAeq(1hr) Cutoff = 15 dB(A)

Summary Table

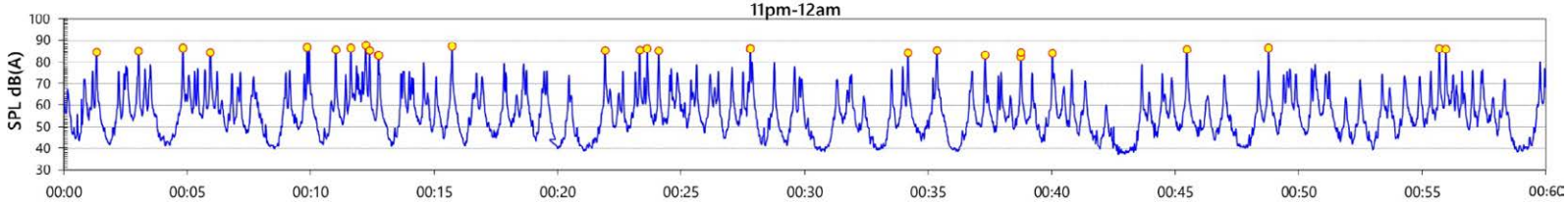
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	70.6	70.2	67.2	67.2	66.5	65.3	66.6	67.4	70.2	67.5
LA90	50.9	44.2	41.9	39.3	39.2	37.2	42.2	49.2	53.5	-
Lav max	86.3	86.8	85.3	85.3	85.2	85.4	84.5	84.9	86.2	85.5
No Events	28	27	28	34	22	11	23	14	15	202



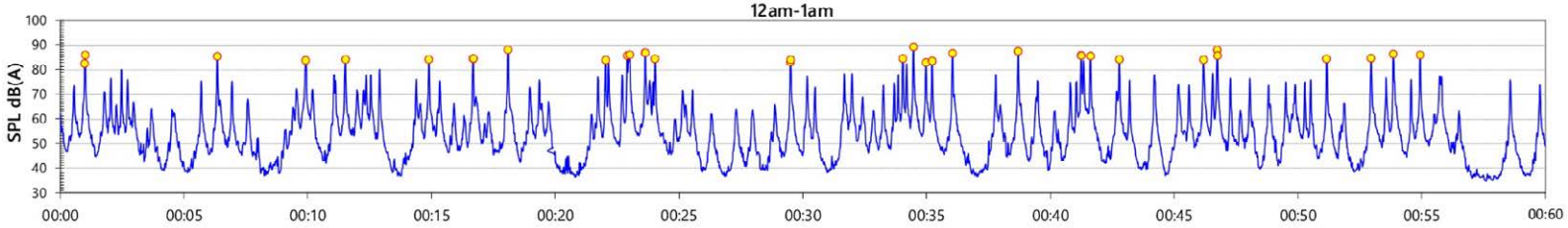
10pm-11pm



11pm-12am



12am-1am

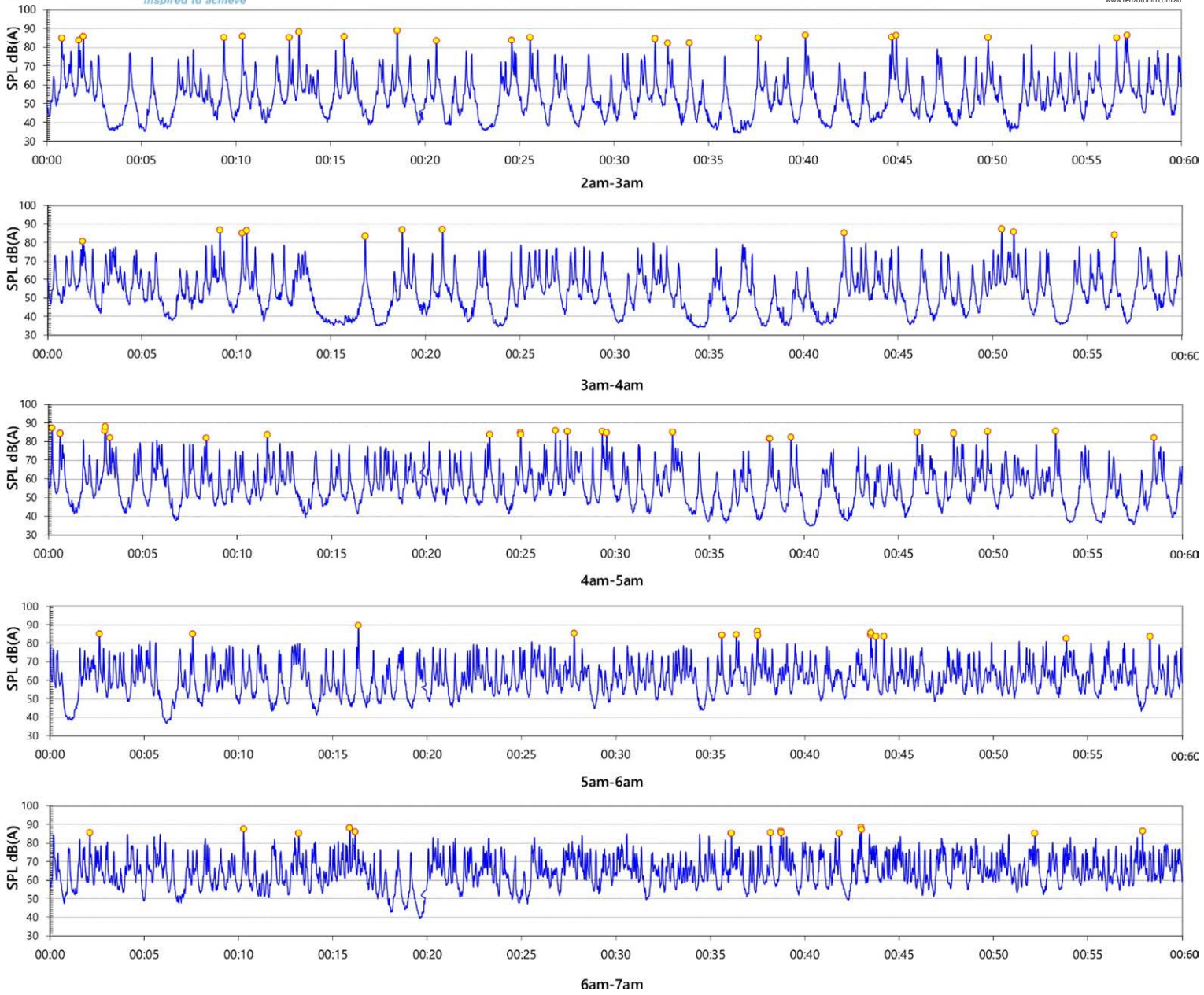


1am-2am

dBMAX Maximum Noise Level Analysis

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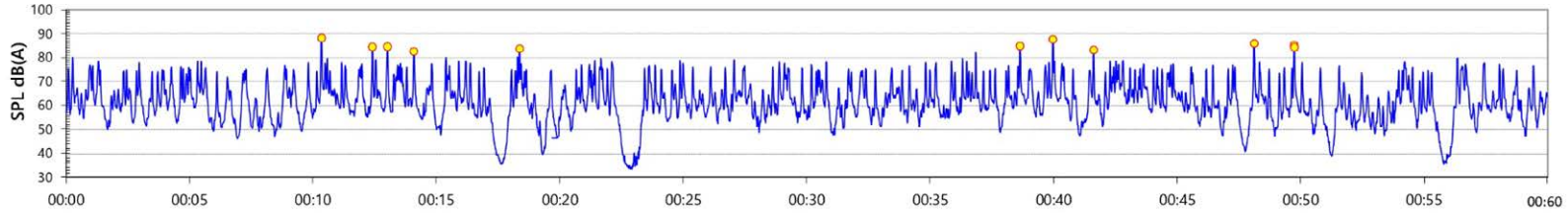
dBMAX Maximum Noise Level Analysis

Project Number: **TL081-01** Start Date: Saturday, 19 March 2016 LAmax Cutoff = 65 dB(A)

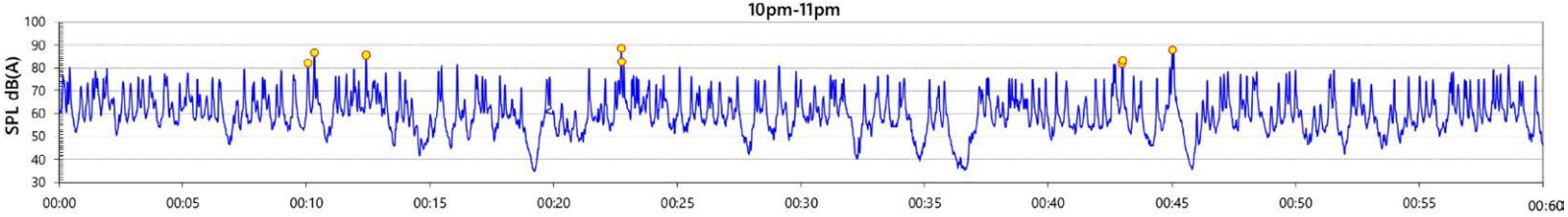
Address: Pacific Highway (north of Raymond Terrace Interchange) LAmax-LAeq(1hr) Cutoff = 15 dB(A)

Summary Table

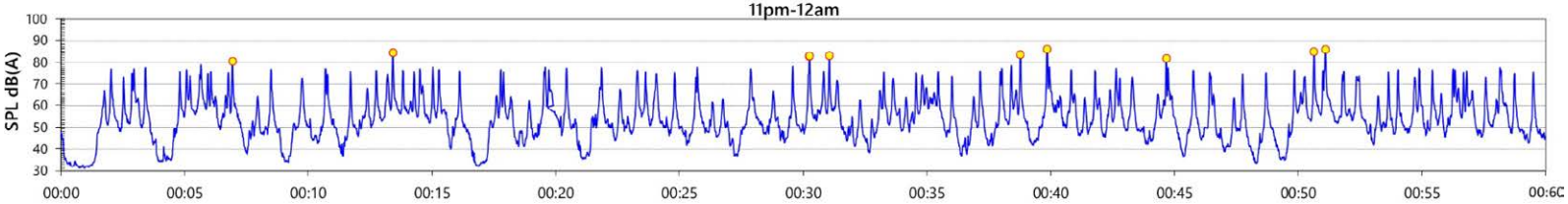
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	67.4	66.6	64.0	63.1	63.0	61.4	62.4	64.1	66.4	63.8
LA90	50.7	49.2	40.8	34.9	31.0	30.1	32.7	41.0	49.7	-
Lav max	85.0	84.9	83.6	81.6	82.1	79.4	80.7	83.3	85.1	82.9



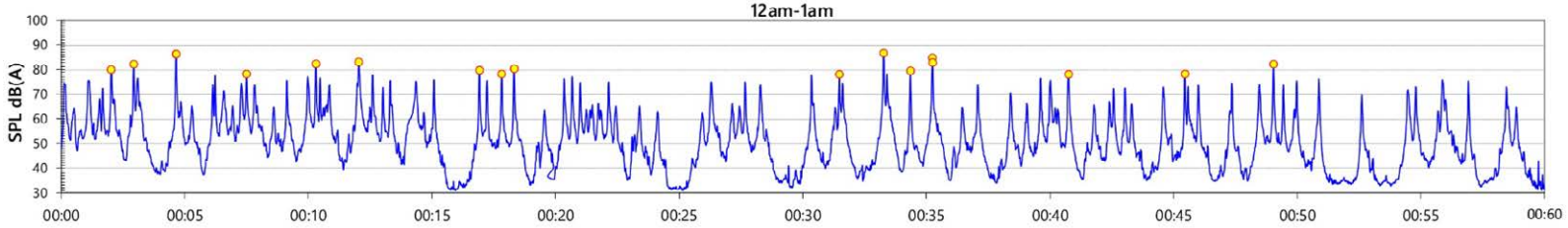
10pm-11pm



11pm-12am



12am-1am

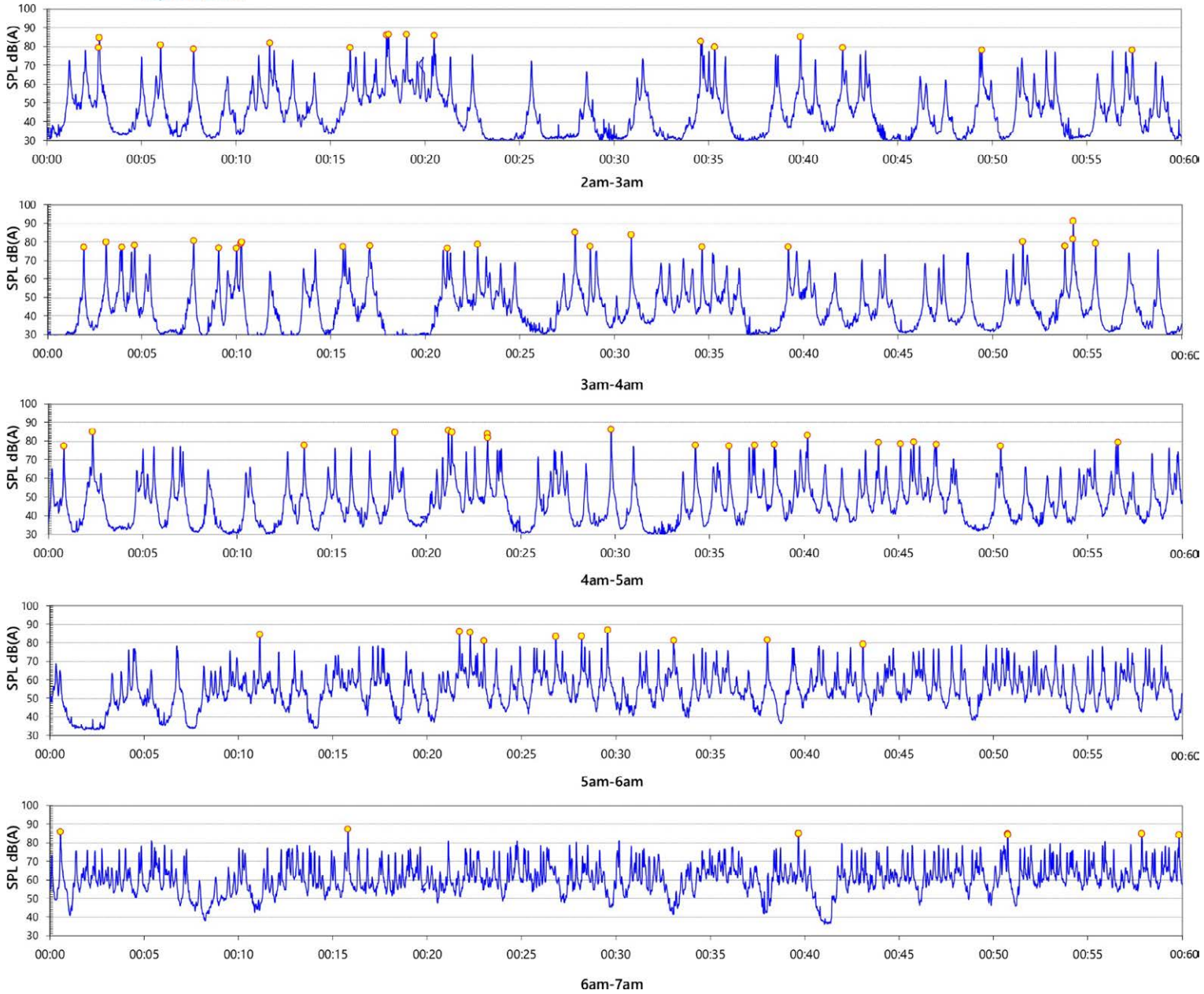


1am-2am

dBMAX Maximum Noise Level Analysis

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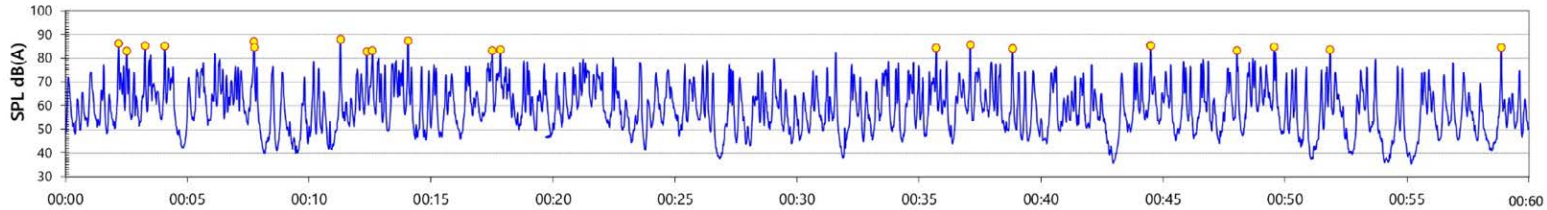
dBMAX Maximum Noise Level Analysis

Project Number: **TL081-01** Start Date: Sunday, 20 March 2016 LAmax Cutoff = 65 dB(A)

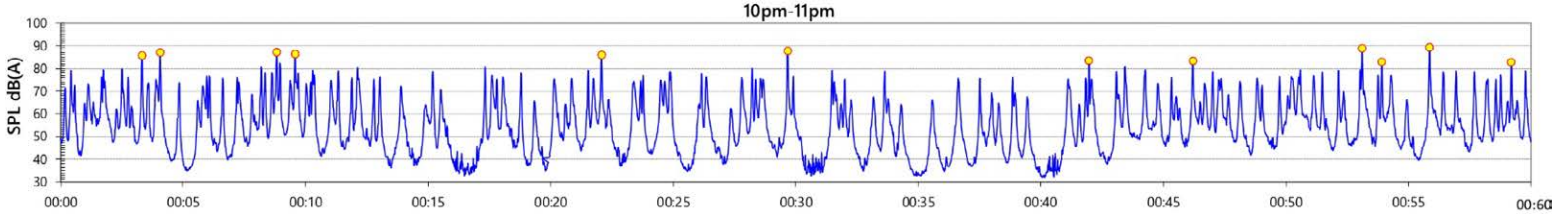
Address: Pacific Highway (north of Raymond Terrace Interchange) LAmax-LAeq(1hr) Cutoff = 15 dB(A)

Summary Table

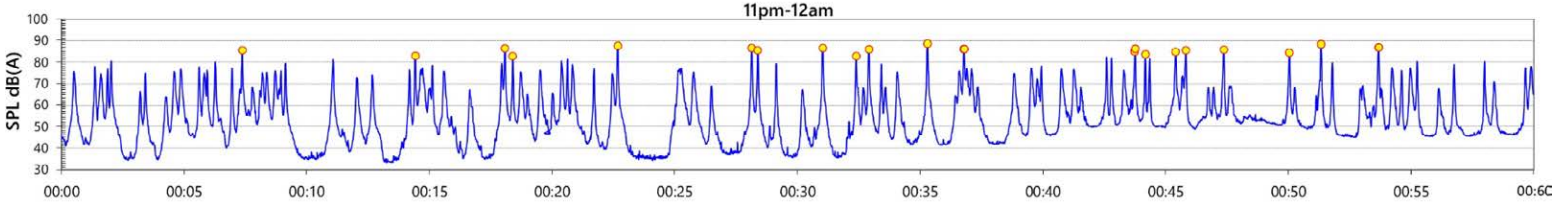
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	67.7	66.7	67.5	68.0	65.5	67.4	67.9	71.6	72.3	69.7
LA90	45.2	37.8	37.2	37.4	34.0	39.7	44.9	55.4	61.5	-
Lav max	84.8	86.0	85.7	86.6	83.9	85.0	85.2	87.6	89.2	86.0
No Events	21	12	23	19	12	21	19	15	3	145



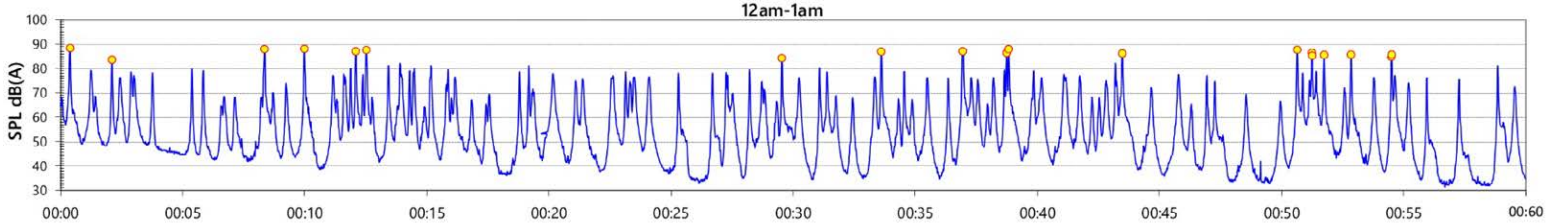
10pm-11pm



11pm-12am



12am-1am

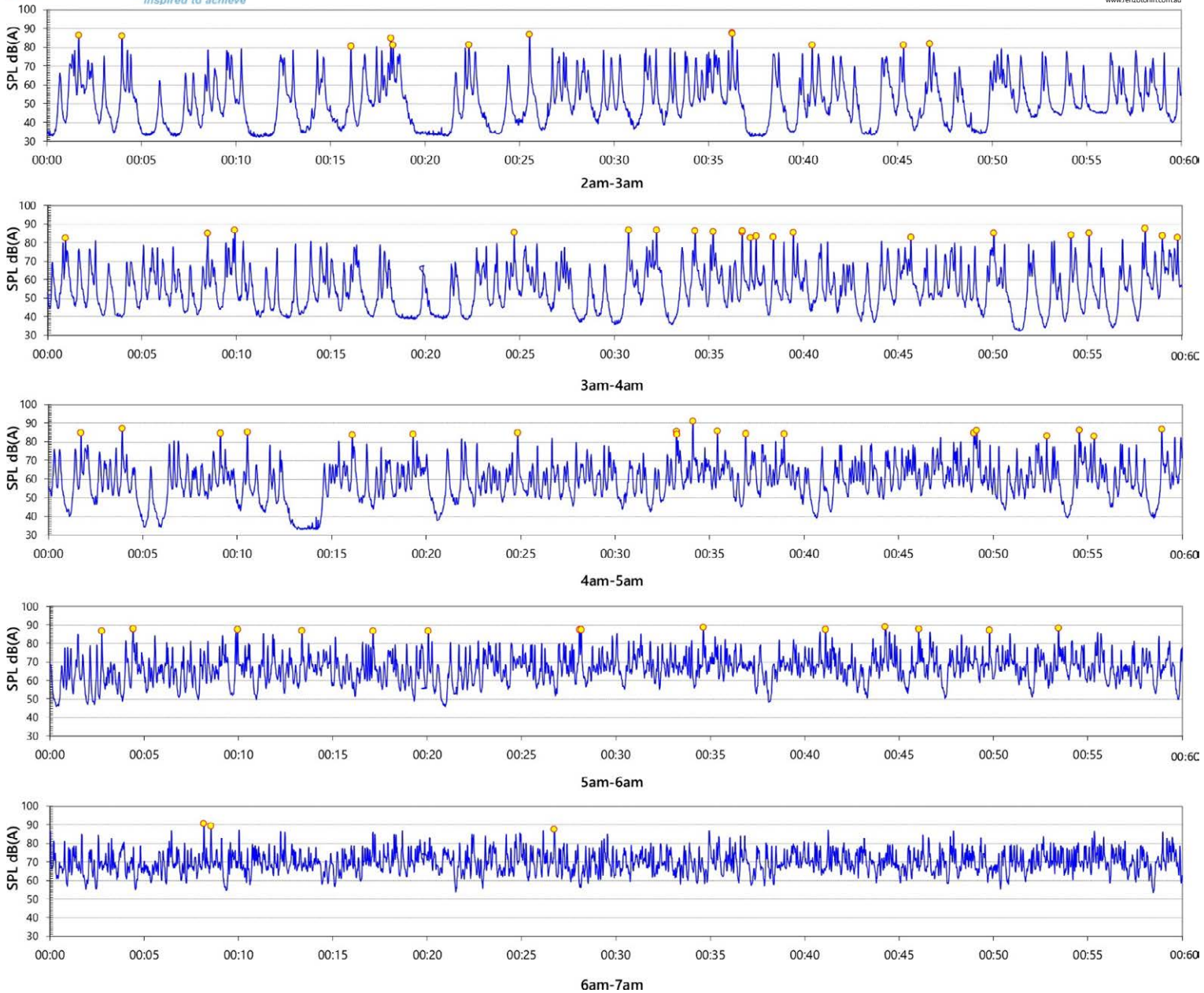


1am-2am

dBMAX Maximum Noise Level Analysis

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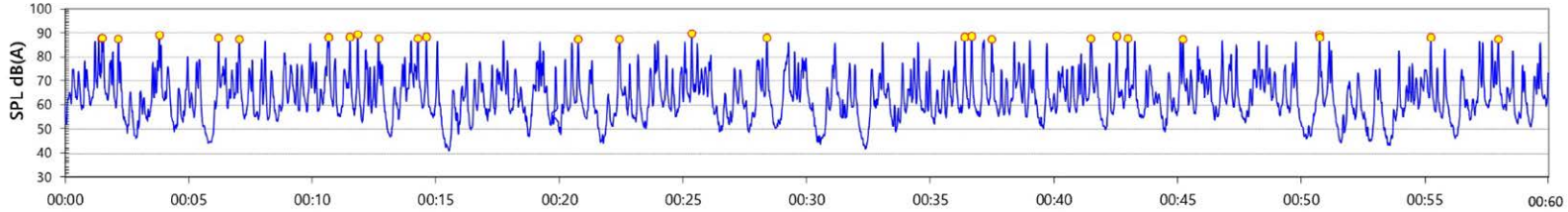
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dBMAX Maximum Noise Level Analysis

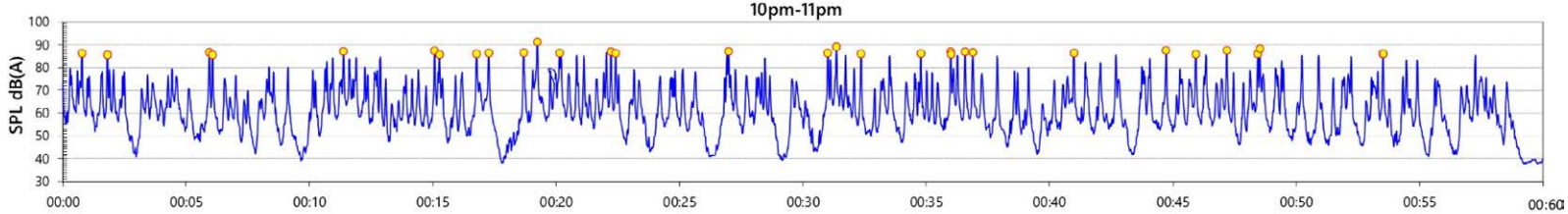
Project Number: **TL081-01** Start Date: Monday, 21 March 2016 LAmax Cutoff = 65 dB(A)

Address: Pacific Highway (north of Raymond Terrace Interchange) LAmax-LAeq(1hr) Cutoff = 15 dB(A)

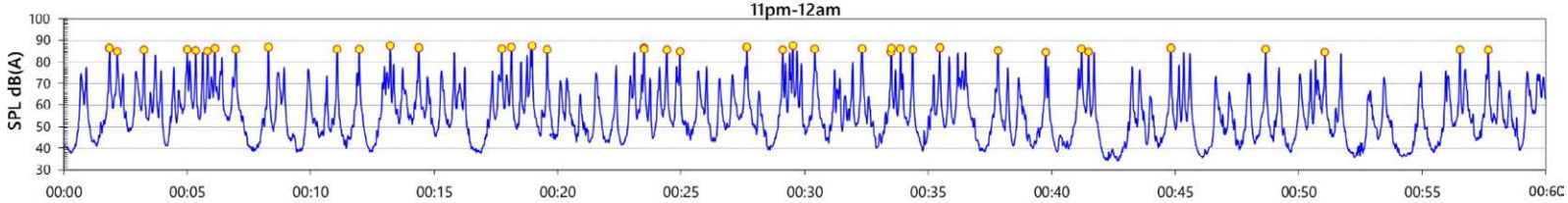
Summary Table										
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	72.2	70.6	69.3	67.8	66.8	67.7	68.5	70.4	71.7	69.4
LA90	51.2	46.7	40.1	37.5	39.5	40.9	48.2	54.2	58.7	-
Lav max	88.0	86.8	85.9	85.3	85.3	85.3	85.7	86.5	87.6	86.3
No Events	27	31	40	34	25	24	28	23	4	236



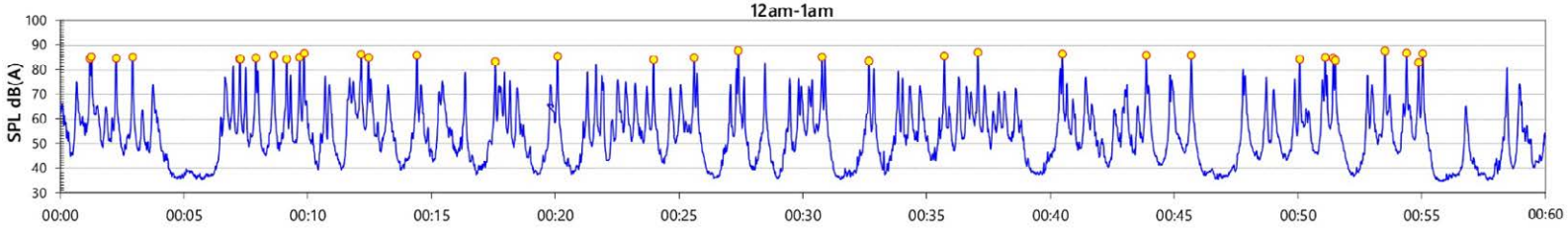
10pm-11pm



11pm-12am



12am-1am

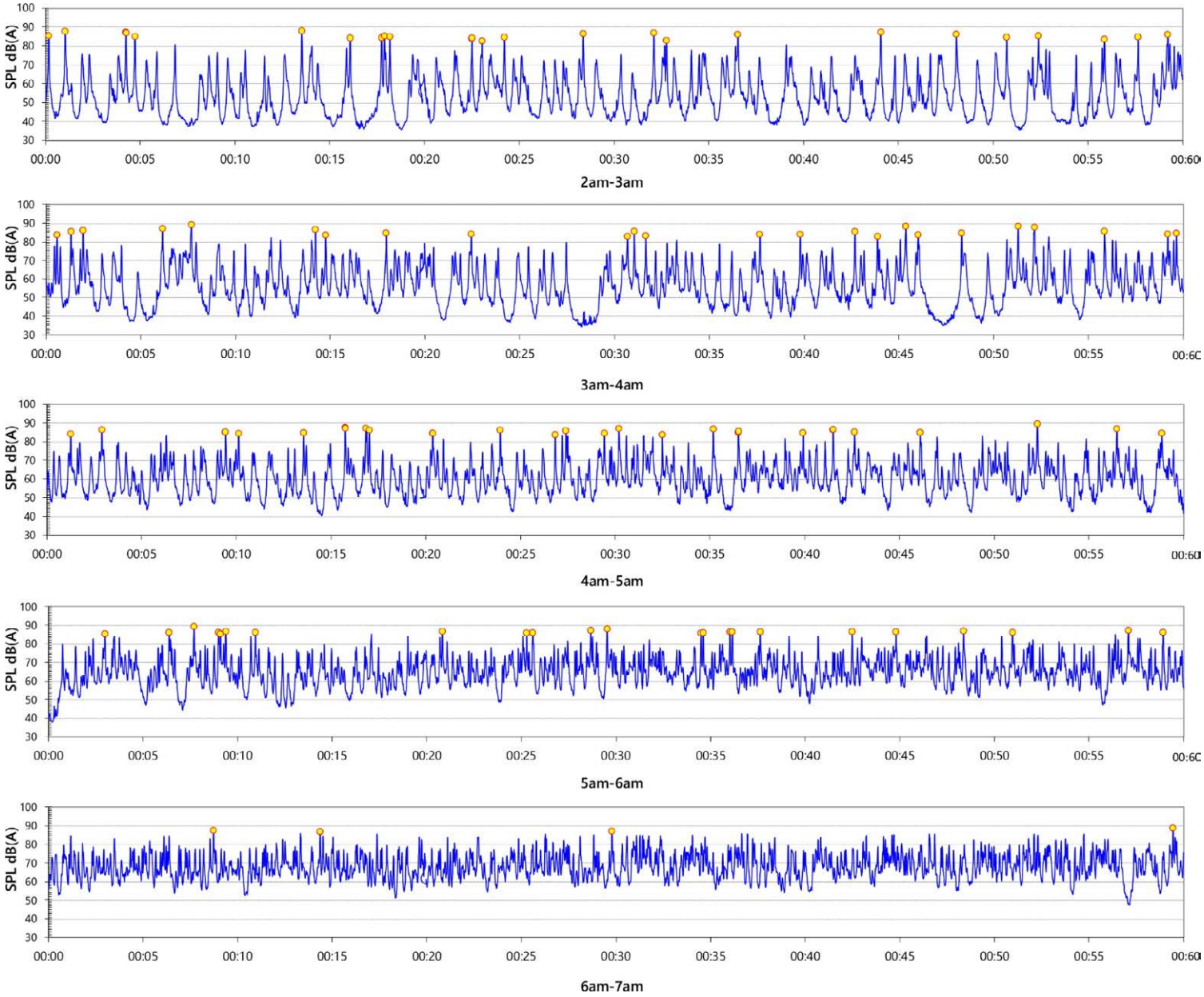


1am-2am

dBMAX Maximum Noise Level Analysis

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Template: QTE-01 dBMAX (r30)

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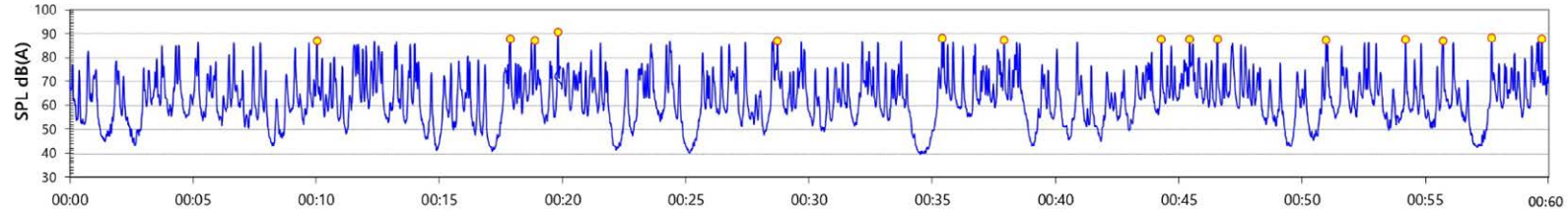
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dBMAX Maximum Noise Level Analysis

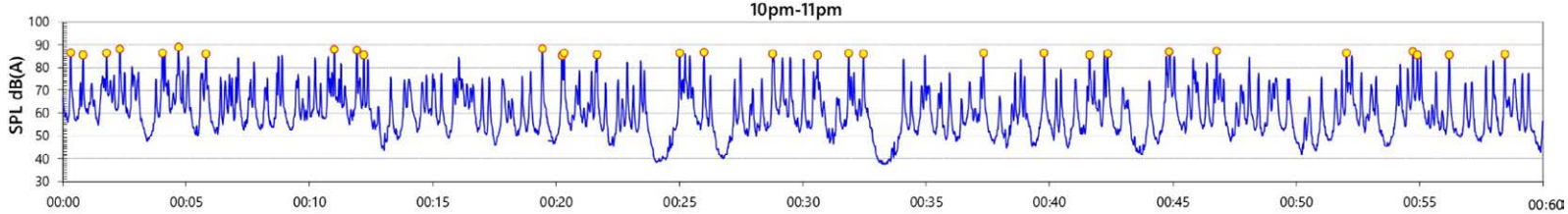
Project Number: **TL081-01** Start Date: Tuesday, 22 March 2016 LAmax Cutoff = 65 dB(A)

Address: Pacific Highway (north of Raymond Terrace Interchange) LAmax-LAeq(1hr) Cutoff = 15 dB(A)

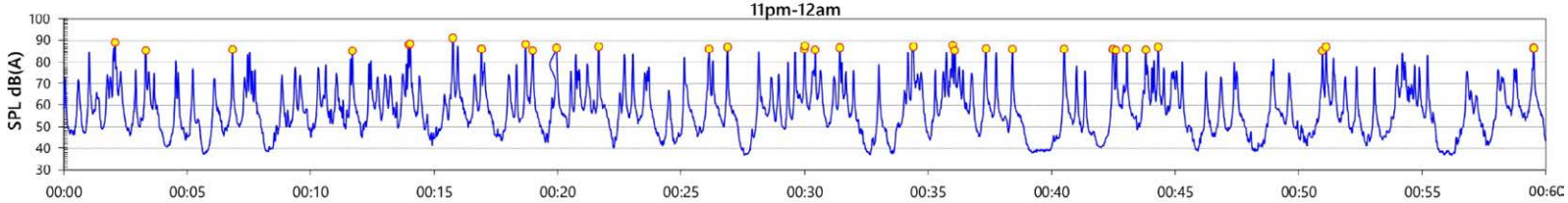
Summary Table										
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	71.9	70.4	70.0	69.2	67.9	68.5	69.1	70.5	72.6	70.0
LA90	48.1	47.7	42.5	40.1	42.2	44.5	48.3	56.1	60.7	-
Lav max	87.7	86.5	86.5	86.1	85.3	85.6	85.9	87.2	88.8	86.6
No Events	15	31	35	37	24	28	26	9	5	210



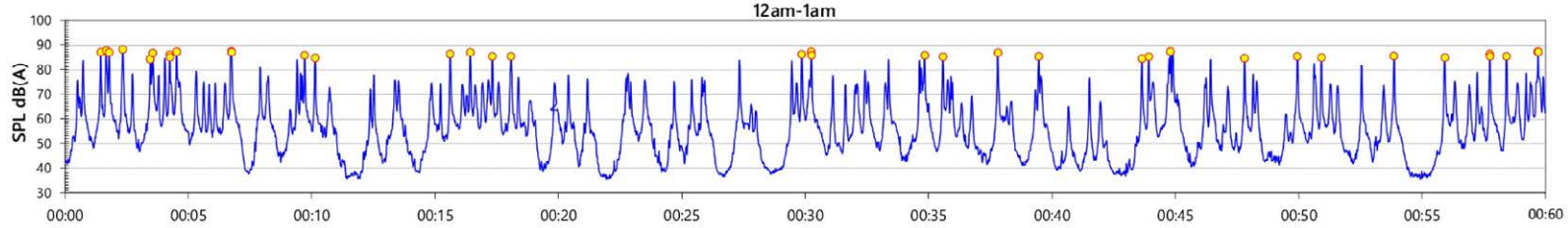
10pm-11pm



11pm-12am



12am-1am

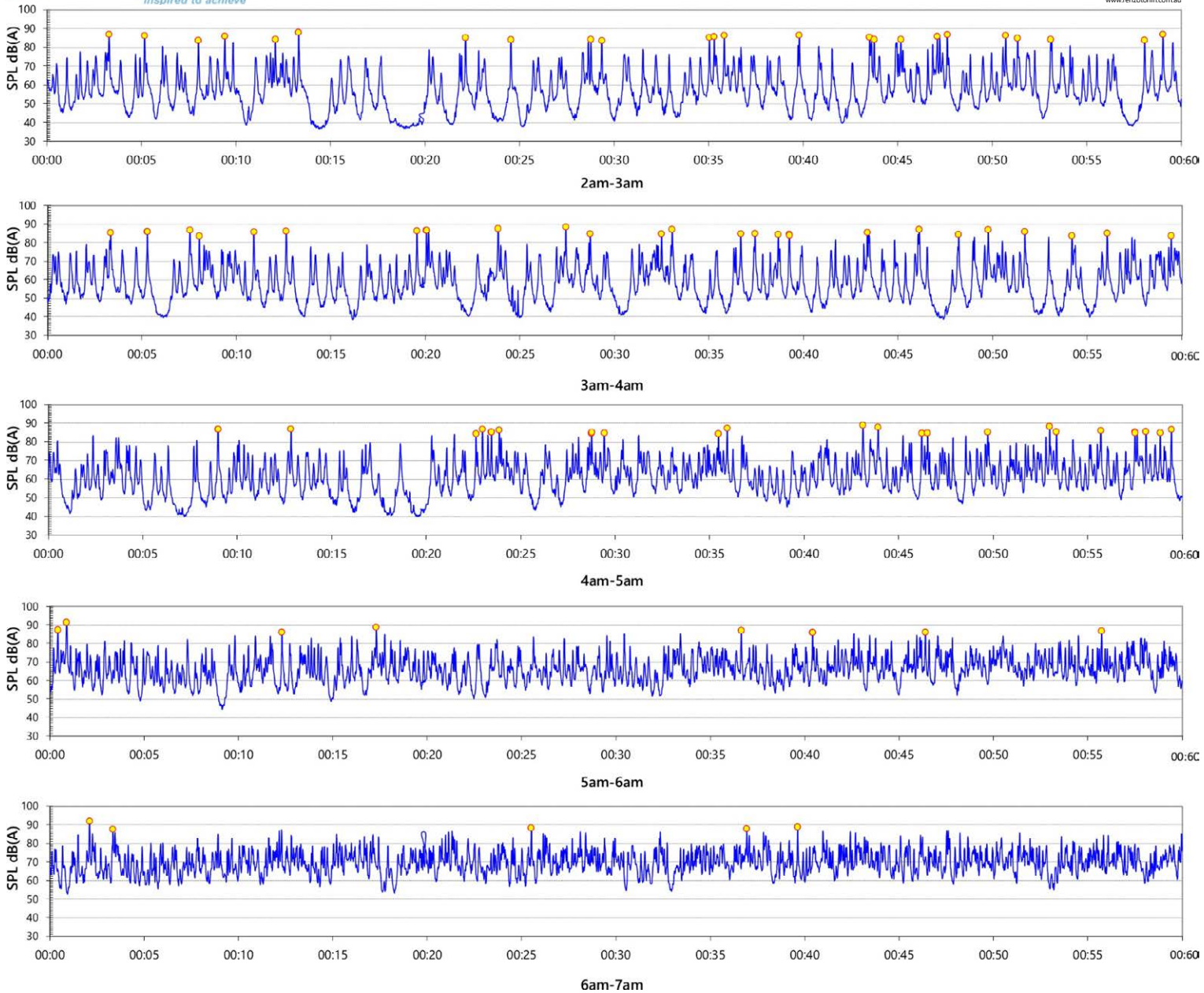


1am-2am

dBMAX Maximum Noise Level Analysis

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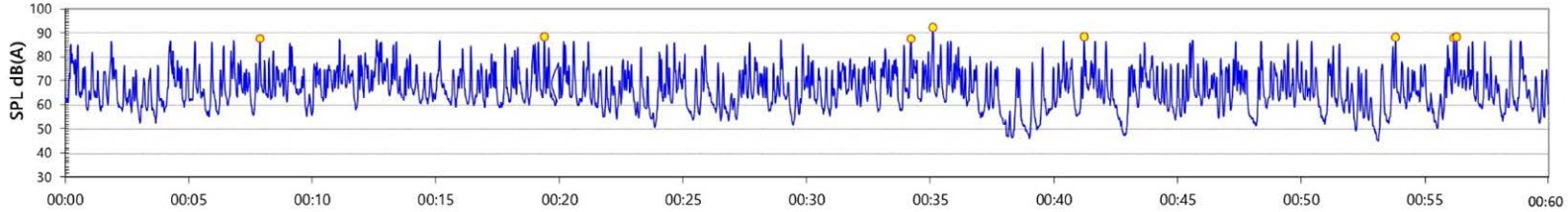
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dBMAX Maximum Noise Level Analysis

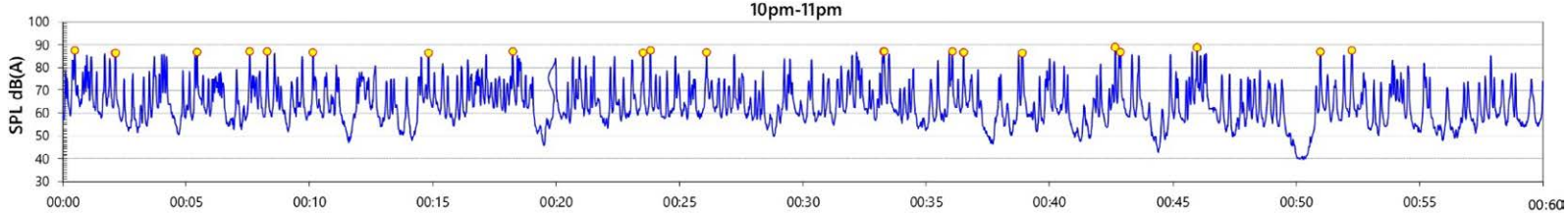
Project Number: **TL081-01** Start Date: Wednesday, 23 March 2016 LAmax Cutoff = 65 dB(A)

Address: Pacific Highway (north of Raymond Terrace Interchange) LAmax-LAeq(1hr) Cutoff = 15 dB(A)

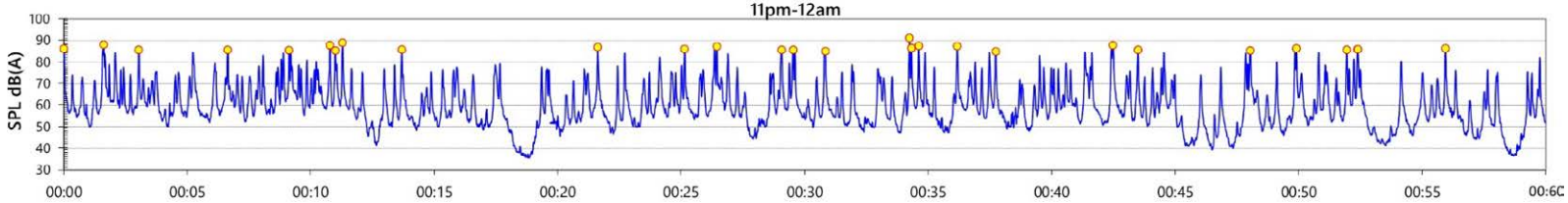
Summary Table										
	10pm to 11pm	11pm to 12am	12am to 1am	1am to 2am	2am to 3am	3am to 4am	4am to 5am	5am to 6am	6am to 7am	10pm to 7am
LAeq	72.5	71.4	69.7	68.9	68.0	68.9	70.6	71.7	72.8	70.7
LA90	56.1	52.8	47.1	44.2	45.9	47.7	53.3	58.1	62.0	-
Lav max	88.6	87.1	86.4	85.8	85.4	86.2	87.2	87.5	88.7	87.0
No Events	8	23	28	34	27	22	16	8	3	169



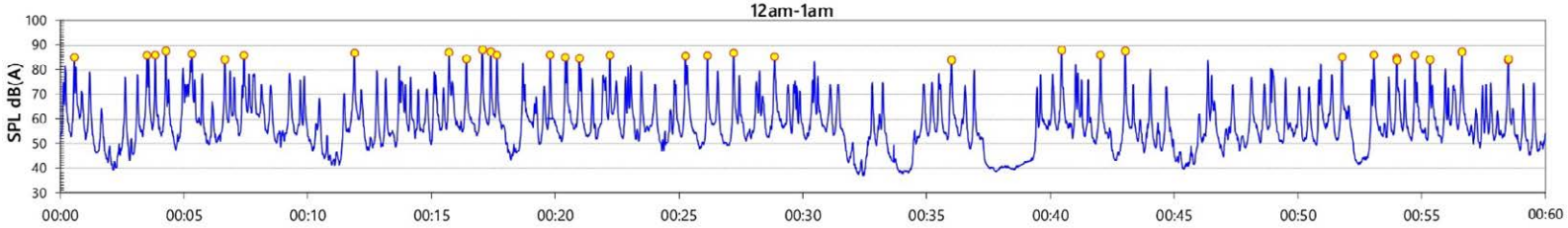
10pm-11pm



11pm-12am



12am-1am

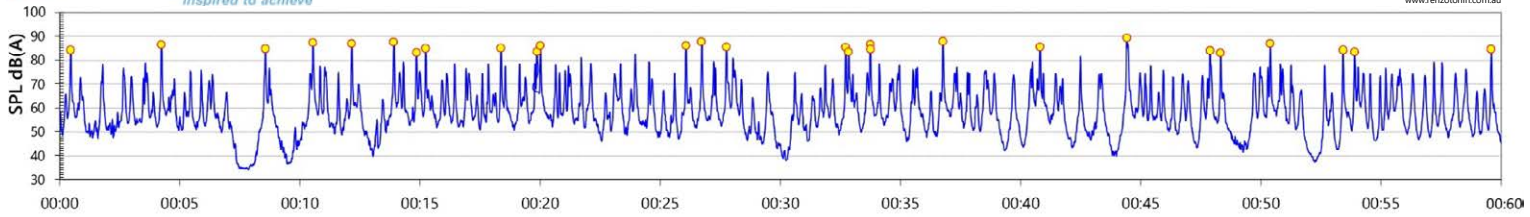


1am-2am

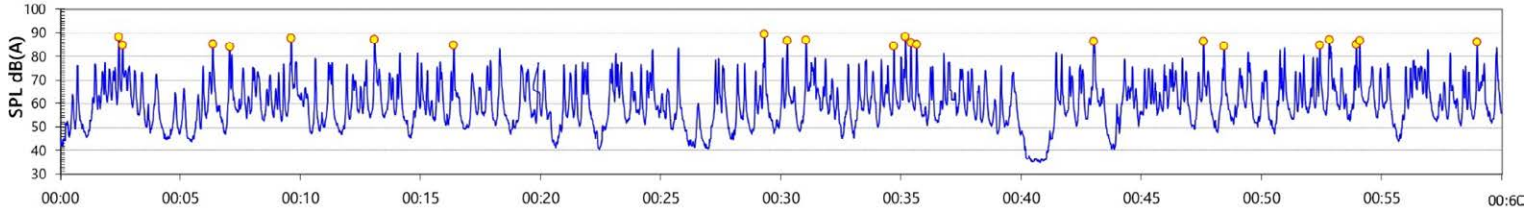
dBMAX Maximum Noise Level Analysis

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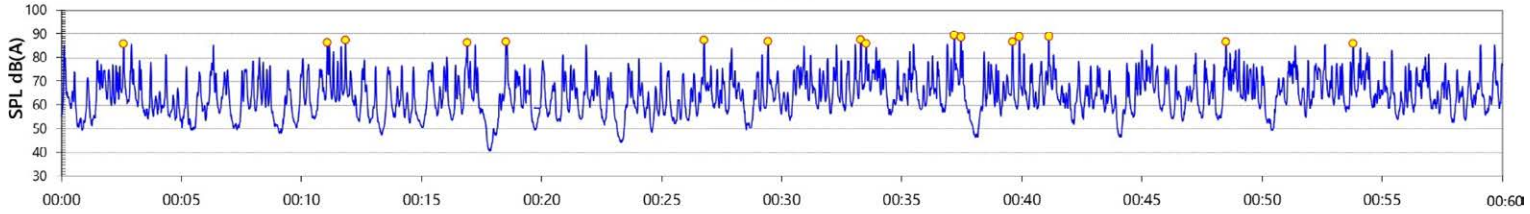
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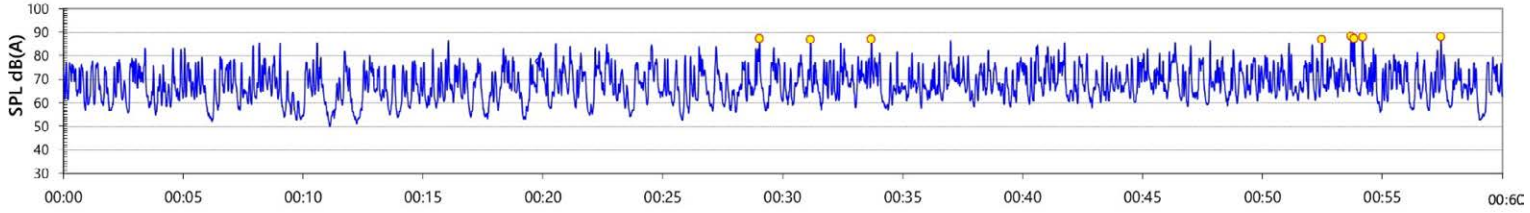
2am-3am



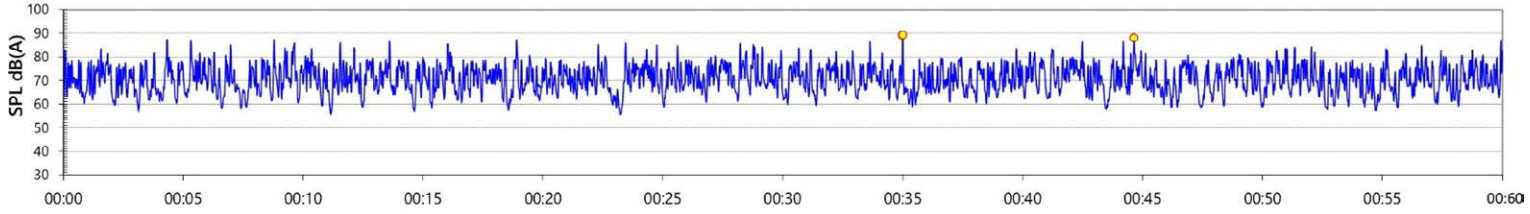
3am-4am



4am-5am



5am-6am



6am-7am