

Appendix 5L

CE 38/2008(HY)

Kai Tak Development - Trunk Road T2 and Infrastructure at South Apron Investigation, Design and Construction

Predicted Traffic Noise Results of the Unmitigated Scenario

NSR ID	Description	Floor	mPD	Noise Limit, dB(A)	Predicted Noise Level for Year 2031 (Unmitigated), dB(A)			Noise Contribution from New Roads (2) - (1)
					New Roads	Existing Roads	Overall	
						(1)	(2)	
KTD 1	Centre of Excellence in Paediatric	1	5	70	64.7	76.5	76.8	0.2
KTD 1	Centre of Excellence in Paediatric	2	7.8	70	64.9	76.5	76.8	0.3
KTD 1	Centre of Excellence in Paediatric	3	10.6	70	64.9	76.5	76.8	0.3
KTD 1	Centre of Excellence in Paediatric	4	13.4	70	64.9	76.5	76.8	0.3
KTD 1	Centre of Excellence in Paediatric	5	16.2	70	64.8	76.4	76.7	0.3
KTD 1	Centre of Excellence in Paediatric	6	19	70	64.9	76.3	76.7	0.4
KTD 1	Centre of Excellence in Paediatric	7	21.8	70	65.0	76.3	76.6	0.3
KTD 1	Centre of Excellence in Paediatric	8	24.6	70	64.8	76.1	76.5	0.3
KTD 1	Centre of Excellence in Paediatric	9	27.4	70	64.7	76.1	76.4	0.3
KTD 1	Centre of Excellence in Paediatric	10	30.2	70	64.5	76.0	76.3	0.3
KTD 1	Centre of Excellence in Paediatric	11	33	70	64.3	75.9	76.2	0.3
KTD 1	Centre of Excellence in Paediatric	12	35.8	70	64.2	75.8	76.1	0.3
KTD 1	Centre of Excellence in Paediatric	13	38.6	70	64.0	75.7	76.0	0.3
KTD 1	Centre of Excellence in Paediatric	14	41.4	70	63.8	75.6	75.9	0.3
KTD 1	Centre of Excellence in Paediatric	15	44.2	70	63.6	75.5	75.8	0.3
KTD 1	Centre of Excellence in Paediatric	16	47	70	63.4	75.4	75.7	0.3
KTD 1	Centre of Excellence in Paediatric	17	49.8	70	63.2	75.3	75.6	0.3
KTD 1	Centre of Excellence in Paediatric	18	52.6	70	63.1	75.3	75.5	0.3
KTD 1	Centre of Excellence in Paediatric	19	55.4	70	62.9	75.2	75.4	0.3
KTD 1	Centre of Excellence in Paediatric	20	58.2	70	62.8	75.1	75.4	0.3
KTD 3	Centre of Excellence in Neuroscience G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	1	5	70	63.9	78.4	78.6	0.2
KTD 3	Centre of Excellence in Neuroscience G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	2	7.8	70	64.2	78.9	79.1	0.1
KTD 3	Centre of Excellence in Neuroscience G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	3	10.6	70	64.8	79.3	79.5	0.2
KTD 3	Centre of Excellence in Neuroscience G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	4	13.4	70	65.0	79.5	79.6	0.1
KTD 3	Centre of Excellence in Neuroscience G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	5	16.2	70	64.9	79.5	79.6	0.1
KTD 3	Centre of Excellence in Neuroscience G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	6	19	70	64.9	79.5	79.6	0.1
KTD 3	Centre of Excellence in Neuroscience G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	7	21.8	70	64.9	79.5	79.7	0.2
KTD 3	Centre of Excellence in Neuroscience G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	8	24.6	70	64.7	79.4	79.6	0.2
KTD 3	Centre of Excellence in Neuroscience G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	9	27.4	70	64.7	79.3	79.5	0.1
KTD 3	Centre of Excellence in Neuroscience G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	10	30.2	70	64.7	79.2	79.4	0.1
KTD 3	Centre of Excellence in Neuroscience G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	11	33	70	64.7	79.1	79.3	0.1
KTD 3	Centre of Excellence in Neuroscience G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	12	35.8	70	64.6	79.0	79.1	0.1
KTD 3	Centre of Excellence in Neuroscience G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	13	38.6	70	64.7	78.9	79.0	0.2
KTD 3	Centre of Excellence in Neuroscience G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	14	41.4	70	64.7	78.8	78.9	0.2
KTD 3	Centre of Excellence in Neuroscience G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	15	44.2	70	64.8	78.7	78.8	0.2
KTD 3	Centre of Excellence in Neuroscience G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	16	47	70	64.7	78.6	78.7	0.2
KTD 3	Centre of Excellence in Neuroscience G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	17	49.8	70	64.7	78.5	78.6	0.2
KTD 3	Centre of Excellence in Neuroscience G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	18	52.6	70	64.7	78.3	78.5	0.2
KTD 3	Centre of Excellence in Neuroscience G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	19	55.4	70	64.5	78.2	78.4	0.2
KTD 3	Centre of Excellence in Neuroscience G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	20	58.2	70	64.5	78.0	78.2	0.2
KTD 4	G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	1	5	70	62.0	77.1	77.3	0.1
KTD 4	G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	2	7.8	70	63.6	77.3	77.5	0.2
KTD 4	G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	3	10.6	70	65.6	77.4	77.7	0.3
KTD 4	G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	4	13.4	70	68.5	77.4	77.9	0.5
KTD 4	G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	5	16.2	70	71.1	77.4	78.3	0.9
KTD 4	G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	6	19	70	72.2	77.4	78.5	1.1
KTD 4	G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	7	21.8	70	72.5	77.3	78.6	1.3
KTD 4	G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	8	24.6	70	72.7	77.3	78.6	1.2
KTD 4	G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	9	27.4	70	72.8	77.4	78.7	1.3
KTD 4	G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	10	30.2	70	72.8	77.3	78.6	1.3
KTD 4	G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	11	33	70	72.7	77.3	78.6	1.3
KTD 4	G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	12	35.8	70	72.7	77.3	78.6	1.3

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Predicted Traffic Noise Results of the Unmitigated Scenario

NSR ID	Description	Floor	mPD	Noise Limit, dB(A)	Predicted Noise Level for Year 2031 (Unmitigated), dB(A)			Noise Contribution from New Roads (2) - (1)
					New Roads	Existing Roads	Overall	
						(1)	(2)	
KTD 4	G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	13	38.6	70	72.8	77.2	78.5	1.4
KTD 4	G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	14	41.4	70	72.8	77.2	78.6	1.4
KTD 4	G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	15	44.2	70	73.0	77.2	78.6	1.4
KTD 4	G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	16	47	70	73.1	77.1	78.6	1.5
KTD 4	G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	17	49.8	70	73.2	77.1	78.6	1.5
KTD 4	G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	18	52.6	70	73.2	77.0	78.6	1.5
KTD 4	G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	19	55.4	70	73.2	77.0	78.6	1.5
KTD 4	G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	20	58.2	70	73.2	77.0	78.5	1.5
KTD 5	G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	1	5	70	68.7	77.1	77.7	0.6
KTD 5	G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	2	7.8	70	70.7	77.4	78.2	0.8
KTD 5	G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	3	10.6	70	73.4	77.5	78.9	1.4
KTD 5	G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	4	13.4	70	75.0	77.5	79.5	2.0
KTD 5	G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	5	16.2	70	75.6	77.5	79.7	2.2
KTD 5	G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	6	19	70	75.9	77.4	79.7	2.3
KTD 5	G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	7	21.8	70	76.3	77.4	79.9	2.5
KTD 5	G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	8	24.6	70	76.5	77.3	80.0	2.6
KTD 5	G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	9	27.4	70	76.9	77.3	80.1	2.8
KTD 5	G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	10	30.2	70	77.1	77.3	80.2	2.9
KTD 5	G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	11	33	70	77.2	77.2	80.2	3.0
KTD 5	G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	12	35.8	70	77.2	77.2	80.2	2.9
KTD 5	G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	13	38.6	70	77.1	77.2	80.2	3.0
KTD 5	G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	14	41.4	70	76.9	77.2	80.1	2.9
KTD 5	G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	15	44.2	70	76.8	77.2	80.0	2.9
KTD 5	G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	16	47	70	76.7	77.2	80.0	2.8
KTD 5	G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	17	49.8	70	76.6	77.1	79.9	2.8
KTD 5	G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	18	52.6	70	76.4	77.1	79.8	2.7
KTD 5	G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	19	55.4	70	76.3	77.0	79.7	2.7
KTD 5	G/I/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	20	58.2	70	76.1	77.0	79.6	2.6
KTD 7	G Zone next to Kwun Tong Bypass (Site 3B3)	1	5	70	61.5	76.8	77.0	0.1
KTD 7	G Zone next to Kwun Tong Bypass (Site 3B3)	2	7.8	70	61.8	77.3	77.4	0.1
KTD 7	G Zone next to Kwun Tong Bypass (Site 3B3)	3	10.6	70	62.1	77.6	77.7	0.1
KTD 7	G Zone next to Kwun Tong Bypass (Site 3B3)	4	13.4	70	62.4	77.9	78.0	0.1
KTD 7	G Zone next to Kwun Tong Bypass (Site 3B3)	5	16.2	70	63.1	78.1	78.2	0.1
KTD 7	G Zone next to Kwun Tong Bypass (Site 3B3)	6	19	70	63.4	78.3	78.4	0.1
KTD 7	G Zone next to Kwun Tong Bypass (Site 3B3)	7	21.8	70	63.9	78.3	78.4	0.1
KTD 7	G Zone next to Kwun Tong Bypass (Site 3B3)	8	24.6	70	64.3	78.3	78.5	0.1
KTD 7	G Zone next to Kwun Tong Bypass (Site 3B3)	9	27.4	70	64.7	78.3	78.5	0.2
KTD 7	G Zone next to Kwun Tong Bypass (Site 3B3)	10	30.2	70	64.8	78.3	78.5	0.1
KTD 7	G Zone next to Kwun Tong Bypass (Site 3B3)	11	33	70	64.9	78.3	78.4	0.1
KTD 7	G Zone next to Kwun Tong Bypass (Site 3B3)	12	35.8	70	65.1	78.2	78.4	0.2
KTD 7	G Zone next to Kwun Tong Bypass (Site 3B3)	13	38.6	70	65.1	78.2	78.3	0.1
KTD 7	G Zone next to Kwun Tong Bypass (Site 3B3)	14	41.4	70	65.0	78.1	78.3	0.2
KTD 8	R3 Zone at the centre of the former Kai Tai Runway (Site 4A1)	1	5	70	54.2	66.1	66.4	0.3
KTD 8	R3 Zone at the centre of the former Kai Tai Runway (Site 4A1)	2	7.8	70	54.2	66.2	66.4	0.2
KTD 8	R3 Zone at the centre of the former Kai Tai Runway (Site 4A1)	3	10.6	70	54.3	66.2	66.4	0.2
KTD 8	R3 Zone at the centre of the former Kai Tai Runway (Site 4A1)	4	13.4	70	54.3	66.2	66.4	0.2
KTD 8	R3 Zone at the centre of the former Kai Tai Runway (Site 4A1)	5	16.2	70	54.3	66.2	66.5	0.3
KTD 8	R3 Zone at the centre of the former Kai Tai Runway (Site 4A1)	6	19	70	54.4	66.3	66.5	0.2
KTD 8	R3 Zone at the centre of the former Kai Tai Runway (Site 4A1)	7	21.8	70	54.4	66.3	66.5	0.2
KTD 8	R3 Zone at the centre of the former Kai Tai Runway (Site 4A1)	8	24.6	70	54.5	66.3	66.5	0.2
KTD 8	R3 Zone at the centre of the former Kai Tai Runway (Site 4A1)	9	27.4	70	54.6	66.3	66.6	0.3
KTD 8	R3 Zone at the centre of the former Kai Tai Runway (Site 4A1)	10	30.2	70	54.7	66.3	66.6	0.3
KTD 8	R3 Zone at the centre of the former Kai Tai Runway (Site 4A1)	11	33	70	54.7	66.3	66.6	0.3
KTD 8	R3 Zone at the centre of the former Kai Tai Runway (Site 4A1)	12	35.8	70	54.7	66.3	66.6	0.3
KTD 8	R3 Zone at the centre of the former Kai Tai Runway (Site 4A1)	13	38.6	70	54.7	66.3	66.6	0.3
KTD 8	R3 Zone at the centre of the former Kai Tai Runway (Site 4A1)	14	41.4	70	54.7	66.3	66.5	0.2
KTD 8	R3 Zone at the centre of the former Kai Tai Runway (Site 4A1)	15	44.2	70	54.7	66.3	66.5	0.2
KTD 8	R3 Zone at the centre of the former Kai Tai Runway (Site 4A1)	16	47	70	54.7	66.3	66.5	0.2
KTD 8	R3 Zone at the centre of the former Kai Tai Runway (Site 4A1)	17	49.8	70	54.8	66.3	66.5	0.2
KTD 8	R3 Zone at the centre of the former Kai Tai Runway (Site 4A1)	18	52.6	70	54.8	66.2	66.5	0.3
KTD 8	R3 Zone at the centre of the former Kai Tai Runway (Site 4A1)	19	55.4	70	54.9	66.2	66.6	0.3
KTD 8	R3 Zone at the centre of the former Kai Tai Runway (Site 4A1)	20	58.2	70	54.9	66.2	66.6	0.3
KTD 8	R3 Zone at the centre of the former Kai Tai Runway (Site 4A1)	21	61	70	55.0	66.2	66.6	0.3
KTD 8	R3 Zone at the centre of the former Kai Tai Runway (Site 4A1)	22	63.8	70	55.0	66.2	66.6	0.3
KTD 8	R3 Zone at the centre of the former Kai Tai Runway (Site 4A1)	23	66.6	70	55.1	66.2	66.5	0.3
KTD 8	R3 Zone at the centre of the former Kai Tai Runway (Site 4A1)	24	69.4	70	55.2	66.2	66.6	0.4
KTD 8	R3 Zone at the centre of the former Kai Tai Runway (Site 4A1)	25	72.2	70	55.2	66.2	66.5	0.3
KTD 8	R3 Zone at the centre of the former Kai Tai Runway (Site 4A1)	26	75	70	55.3	66.2	66.5	0.3