

APPENDIX H

Appendix H Predicted Road Traffic Noise Levels (Mitigated)

Table H1 Island Eastern Corridor (Tai Koo Shing)

Road Segment		Noise Sensitive Receiver					Mitigation Measures			
Drawing Ref.	Sub-section	NSR	Unmitigated L ₁₀ at Mid-Floor dB(A)	Mitigated L ₁₀ at Floor ¹ , dB(A)			Form of Mitigation Measures	Approx. No. of Exposed Dwellings	Approx. No. of Dwellings Protected	Approx. % Dwelling Protected
				First Floor	Mid-Floor	Top-Floor				
16	I	Tung Hoi Mansion	75	63	68	70	C	128	128	100%
		Pok Hoi Mansion	76	58	72	73	C	128	56	44%
		Primrose Mansion	78	52	76-77	76	C	128	48	38%
		Wisteria Mansion	75	50-64	73	73-74	C	128	52	41%
		Lotus Mansion	74-75	60-65	70	73	C	128	64	50%
		Begonia Mansion	74	64-68	68-70	72-73	C	128	88	69%
		Marigold Mansion	73	67-70	68-70	71-72	C	128	88	69%
<p>Notes: I Floor above road level</p> <p>Legends: A Plain barrier (3.5m) B Plain barrier (7m) C Semi-enclosure D Full enclosure</p>										

Table H2 Tung Tau Tsuen Road

Road Segment		Noise Sensitive Receiver					Mitigation Measures			
Drawing Ref.	Sub-section	NSR	Unmitigated L ₁₀ at Mid-Floor dB(A)	Mitigated L ₁₀ at Floor ¹ , dB(A)			Form of Mitigation Measures	Approx. No. of Exposed Dwellings	Approx. No. of Dwellings Protected	Approx. % Dwelling Protected
				First Floor	Mid-Floor	Top-Floor				
17	I	Wing Tung House	72-73	61-65	64-66	70-71	B	288	282	98%
		Wai Tung House	68-72	50-58	56-59	60-61	B	48	48	100%
		Pak Tung House	68-73	50-60	56-60	60-63	B	96	96	100%
		Ying Tung House	72-73	61-65	64-66	70-71	B	288	276	96%
<p>Notes: I Floor above road level</p> <p>Legends: A Plain barrier (3.5m) B Plain barrier (7m) C Semi-enclosure D Full enclosure</p>										

Table H3 Che Kung Miu Road / Hung Mui Kuk Road / Tin Sam Street

Road Segment		Noise Sensitive Receiver					Mitigation Measures			
Drawing Ref.	Sub-section	NSR	Unmitigated L ₁₀ at Mid-Floor dB(A)	Mitigated L ₁₀ at Floor ¹ , dB(A)			Form of Mitigation Measures	Approx. No. of Exposed Dwellings	Approx. No. of Dwellings Protected	Approx. % Dwelling Protected
				First Floor	Mid-Floor	Top-Floor				
18	III	Sun Ming House	75-77	47-66	71-73	72	C	480	164	34%
		Sun Yuet House	73-76	46	61-72	69-71	C	384	256	67%
		Tin Sam Village 1	74-75	67-68	70-72	72-75	B	39	22	56%
	I,III	Tin Sam Village 2	77-78	66-70	77-78	76-78	B	30	16	53%
	I	Tin Sam Village 3	76-77	66-67	72-77	76-77	B	24	12	50%
	IV	Tin Sam Village 4	75-76	57-71	60-71	66-71	B	39	33	85%
	II	Shek Yuk House	71-75	57-62	65-73	66-71	C	840	540	64%
		Shek Fai House	74-76	45-46	70-73	71	C	455	174	38%
		Shatin Tau THA	74-78 ²	65-69	-	67-72	A	46	29	63%
	IV	Carado Garden Block 4	70-72	42-60	60-71	65-68	C	210	204	97%
		Carado Garden Block 5	71-72	43-66	60-70	66-67	C	180	176	98%
		Carado Garden Block 6	71	71	68	66	C	180	165	92%
		Hok Sam House	67	62	61	60	C	132	132	100%
		Lok Sam House	68-72	44-61	60-61	59-68	C	396	396	100%
Wing Sam House		70-77	63-72	65-73	65-75	C	528	365	69%	

Notes: 1 Floor above road level
2 Noise levels at top-floor

Legends: A Plain barrier (3.5m)
B Plain barrier (7m)
C Semi-enclosure
D Full enclosure

Table H4 Tai Chung Kiu Road / Yuen Wo Road

Road Segment		Noise Sensitive Receiver					Mitigation Measures			
Drawing Ref.	Sub-section	NSR	Unmitigated L ₁₀ at Mid-Floor dB(A)	Mitigated L ₁₀ at Floor ¹ , dB(A)			Form of Mitigation Measures	Approx. No. of Exposed Dwellings	Approx. No. of Dwellings Protected	Approx. % Dwelling Protected
				First Floor	Mid-Floor	Top-Floor				
19	I	Shing Hong House	74-77	60-63	64-67	70-73	C	72	54	75%
		Shing Cheung House	74-77	61-64	64-67	70-73	C	72	72	100%
		Shing Wing House	74-77	65-68	66-69	71-74	C	72	72	100%
		Shing Yan House	74-77	70-73	69-72	71-74	C	72	18	25%
	II	Hong Wo House	67-75	63-70	63-69	62-72	C	360	320	89%
	III	Hip Wo House	74-77	56-71	65-75	71-75	C	560	312	56%
<p>Notes: 1 Floor above road level</p> <p>Legends: A Plain barrier (3.5m) B Plain barrier (7m) C Semi-enclosure D Full enclosure</p>										

Table H5 Ma On Shan Road

Road Segment		Noise Sensitive Receiver					Mitigation Measures			
Drawing Ref.	Sub-section	NSR	Unmitigated L ₁₀ at Mid-Floor dB(A)	Mitigated L ₁₀ at Floor ¹ , dB(A)			Form of Mitigation Measures	Approx. No. of Exposed Dwellings	Approx. No. of Dwellings Protected	Approx. % Dwelling Protected
				First Floor	Mid-Floor	Top-Floor				
20	I	Shing On THA	73-80 ²	66-73	-	67-75	A	76	28	37%
	II	Heng Fung House	73-75	64-68	63-68	66-69	C	420	420	100%
		Heng Shan House	70-76	48-73	63-72	63-74	C	630	560	89%
		Heng Kong House	71-73	63-66	64-66	70-72	C	576	540	94%
	III	Yiu Shun House	71-76	66-73	68-73	67-70	C	840	770	92%
		Yiu Chung House	72-75	48-64	61-65	68-69	C	560	560	100%
		Yiu Yan House	72	42-48	53-56	65-69	C	280	280	100%
Yiu Wing House		71-76	45-69	58-73	67-71	C	560	522	93%	

Notes: 1 Floor above road level
2 Noise levels at top-floor

Legends: A Plain barrier (3.5m)
B Plain barrier (7m)
C Semi-enclosure
D Full enclosure

Table H6 Ting Kok Road

Road Segment		Noise Sensitive Receiver					Mitigation Measures			
Drawing Ref.	Sub-section	NSR	Unmitigated L ₁₀ at Mid-Floor dB(A)	Mitigated L ₁₀ at Floor ¹ , dB(A)			Form of Mitigation Measures	Approx. No. of Exposed Dwellings	Approx. No. of Dwellings Protected	Approx. % Dwelling Protected
				First Floor	Mid-Floor	Top-Floor				
21	I	Wong Chuk Tsuen	68-72	58-66	59-66	59-67	A	93	93	100%
		Lung Mei	70-74	61-62	61-64	62-65	A	33	33	100%
<p>Notes: 1 Floor above road level</p> <p>Legends: A Plain barrier (3.5m) B Plain barrier (7m) C Semi-enclosure D Full enclosure</p>										

Table H7 Po Lam Road North / Po Hong Road

Road Segment		Noise Sensitive Receiver					Mitigation Measures			
Drawing Ref.	Sub-section	NSR	Unmitigated L ₁₀ at Mid-Floor dB(A)	Mitigated L ₁₀ at Floor ¹ , dB(A)			Form of Mitigation Measures	Approx. No. of Exposed Dwellings	Approx. No. of Dwellings Protected	Approx. % Dwelling Protected
				First Floor	Mid-Floor	Top-Floor				
22	I	Tseung Kwan O THA	75-79 ²	50-73	-	68-74	A	64	24	38%
		Po Yan House	69-73	48-61	65-70	66-68	C	840	840	100%
	II	Po Tai House	69	41-48	55-60	64-65	C	420	420	100%
		Po Tak House	69-73	48-62	56-63	66-68	C	840	840	100%
		Ming On House	68-73	44-65	54-70	66-68	C	175	175	100%
		Ming Chi House	67-73	44-65	55-71	66-69	C	140	125	89%
		Ming Tat House	71-73	56-72	65-71	68-69	C	175	107	61%
		Yan Chung House	68-73	58-73	68-72	68-70	C	175	130	74%
	III	Yan Lan House	70-72	44-59	54-69	66-67	C	105	105	100%
		Yan Kuk House	69-73	44-66	67-71	67-68	C	140	137	98%
		King Nam House	67-72	48-64	63-70	66-68	C	560	560	100%
	IV	King Min House	70-72	46-62	65-70	66-68	C	420	420	100%
		King Lui House	72	56	68	67	C	560	384	69%
		Finery Park Block 1	70-72	48-60	67-71	66-68	C	160	140	88%
	V	Well On Garden Block 4	68-69	48-59	66-71	65-67	C	160	140	88%

Notes: 1 Floor above road level
2 Noise levels at top-floor

Legends: A Plain barrier (3.5m)
B Plain barrier (7m)
C Semi-enclosure
D Full enclosure

Table H8 Fung Shue Wo Road

Road Segment		Noise Sensitive Receiver					Mitigation Measures			
Drawing Ref.	Sub-section	NSR	Unmitigated L ₁₀ at Mid-Floor dB(A)	Mitigated L ₁₀ at Floor ¹ , dB(A)			Form of Mitigation Measures	Approx. No. of Exposed Dwellings	Approx. No. of Dwellings Protected	Approx. % Dwelling Protected
				First Floor	Mid-Floor	Top-Floor				
23	I	Yee Yat House	73-74	59-61	66-71	68-69	C	408	388	95%
		Yee Yip House	74-75	49-69	71-73	69-70	C	408	300	74%
	II	Yee Kui House	72-74	55-73	64-74	69-72	C	816	588	72%
		Tsing Kin THA	79-81 ²	61	-	64-66	B	80	40	50%
		Tsing Yi Garden Blk 1	68	58	61	69	B	100	100	100%
		Tsing Yi Garden Blk 2	72	63	68	72	B	100	80	80%
		Tsing Yi Garden Blk 3	73	66	73	72	B	100	40	40%
		Tsing Yi Garden Blk 4	73	68	73	72	B	100	40	40%
		Chung Mei Lo Uk Tsuen	73-76	68-69	69-72	69-74	A	162	36	22%
		Tsing Fai THA	80 ²	60-72	-	60-64	A	60	30	50%
		I	Tai Wong Ha Resite Village	74	68-70	69-70	70	A	108	36
	Fung Shue Wo THA		81	62	-	65	A	60	30	50%

Notes: 1 Floor above road level
2 Noise levels at top-floor

Legends: A Plain barrier (3.5m)
B Plain barrier (7m)
C Semi-enclosure
D Full enclosure

Table H9 Tuen Mun Road (Tsuen Wan)

Road Segment		Noise Sensitive Receiver					Mitigation Measures			
Drawing Ref.	Sub-section	NSR	Unmitigated L ₁₀ at Mid-Floor dB(A)	Mitigated L ₁₀ at Floor ¹ , dB(A)			Form of Mitigation Measures	Approx. No. of Exposed Dwellings	Approx. No. of Dwellings Protected	Approx. % Dwelling Protected
				First Floor	Mid-Floor	Top-Floor				
24	II	Belvedere Garden Phase I (Tower 1, 2 & 3)	79-81	56-60	68-73	70-76	C	336	236	70%
		Belvedere Garden Phase II (Block 5 - 9)	77-79	52-57	60-65	71-75	C	572	473	83%
		Greenview Court(Block 2 & 3)	78-80	67-72	68-72	73-75	C	312	98	31%
		Yau Kam Tau Village	83-84	62-63	66-69	67-69	C	54	54	100%

Notes: 1 Floor above road level

Legends: A Plain barrier (3.5m)
 B Plain barrier (7m)
 C Semi-enclosure
 D Full enclosure

Table H10 Tuen Mun Road (Tsing Lung Tau)

Road Segment		Noise Sensitive Receiver					Mitigation Measures			
Drawing Ref.	Sub-section	NSR	Unmitigated L ₁₀ at Mid-Floor dB(A)	Mitigated L ₁₀ at Floor ¹ , dB(A)			Form of Mitigation Measures	Approx. No. of Exposed Dwellings	Approx. No. of Dwellings Protected	Approx. % Dwelling Protected
				First Floor	Mid-Floor	Top-Floor				
25	I	Estoril Heights	76-78	68-73	69-74	69-74	C	108	78	72%
		Dominion Heights	74-76	66-70	67-70	67-70	C	108	108	100%
		Carnel Heights	73-75	66-69	67-69	67-69	C	108	108	100%
		Fontana Heights	76-78	60-62	61-63	61-63	C	120	120	100%
		Grenville Heights	76-78	56-58	61-63	61-63	C	80	80	100%
		Hoover Heights	76-78	56-58	61-63	61-63	C	80	80	100%
		Lincoln Heights	76-77	45-47	47-50	52-53	C	40	40	100%
		Kingston Heights	76-77	45-47	47-50	52-53	C	40	40	100%
		Manhattan Heights	78	60	60	61	C	40	40	100%
		Nelly Heights	79	65	65	65	C	42	42	100%
		Orchid Heights	79	63	66	67	C	44	44	100%
Peony Heights	79	63	68	68	C	48	48	100%		

Notes: 1 Floor above road level

Legends: A Plain barrier (3.5m)
 B Plain barrier (7m)
 C Semi-enclosure
 D Full enclosure

Table H11 Tuen Mun Road (Castle Peak Bay)

Road Segment		Noise Sensitive Receiver					Mitigation Measures			
Drawing Ref.	Sub-section	NSR	Unmitigated L ₁₀ at Mid-Floor dB(A)	Mitigated L ₁₀ at Floor ¹ , dB(A)			Form of Mitigation Measures	Approx. No. of Exposed Dwellings	Approx. No. of Dwellings Protected	Approx. % Dwelling Protected
				First Floor	Mid-Floor	Top-Floor				
26	III	Kam Fai Garden Block 1	78-80	48-74	54-74	62-73	C	88	22	25%
		Kam Fai Garden Block 2	78-80	48-71	54-70	62-71	C	88	48	55%
		Kam Fai Garden Block 3	78-80	48-69	55-68	62-70	C	92	88	96%
<p>Notes: 1 Floor above road level</p> <p>Legends: A Plain barrier (3.5m) B Plain barrier (7m) C Semi-enclosure D Full enclosure</p>										

Table H12 Castle Peak Road (Hung Shui Kiu)

Road Segment		Noise Sensitive Receiver					Mitigation Measures			
Drawing Ref.	Sub-section	NSR	Unmitigated L ₁₀ at Mid-Floor dB(A)	Mitigated L ₁₀ at Floor ¹ , dB(A)			Form of Mitigation Measures	Approx. No. of Exposed Dwellings	Approx. No. of Dwellings Protected	Approx. % Dwelling Protected
				First Floor	Mid-Floor	Top-Floor				
27	I	Parkview Garden	79-81	62-63	65-66	68-69	B	54	18	33%
<p>Notes: 1 Floor above road level</p> <p>Legends: A Plain barrier (3.5m) B Plain barrier (7m) C Semi-enclosure D Full enclosure</p>										

Table H13 Castle Peak Road (Ping Shan)

Road Segment		Noise Sensitive Receiver					Mitigation Measures			
Drawing Ref.	Sub-section	NSR	Unmitigated L ₁₀ at Mid-Floor dB(A)	Mitigated L ₁₀ at Floor ¹ , dB(A)			Form of Mitigation Measures	Approx. No. of Exposed Dwellings	Approx. No. of Dwellings Protected	Approx. % Dwelling Protected
				First Floor	Mid-Floor	Top-Floor				
28	I	Fui Sha Wai	75-80	68-75	68-75	69-75	A	36	9	25%
	II	Village 1	73-82	68-82	68-82	68-81	A	21	14	67%
<p>Notes: 1 Floor above road level</p> <p>Legends: A Plain barrier (3.5m) B Plain barrier (7m) C Semi-enclosure D Full enclosure</p>										

Table H14 Hiram's Highway

Road Segment		Noise Sensitive Receiver					Mitigation Measures			
Drawing Ref.	Sub-section	NSR	Unmitigated L ₁₀ at Mid-Floor dB(A)	Mitigated L ₁₀ at Floor ¹ , dB(A)			Form of Mitigation Measures	Approx. No. of Exposed Dwellings	Approx. No. of Dwellings Protected	Approx. % Dwelling Protected
				First Floor	Mid-Floor	Top-Floor				
29	I	Marina Cove (A to D)	76-78	61-73	62-73	64-73	B	54	13	24%
		Marina Cove (E to H)	74-77	67-68	67-68	68-69	A	54	18	33%
<p>Notes: 1 Floor above road level</p> <p>Legends: A Plain barrier (3.5m) B Plain barrier (7m) C Semi-enclosure D Full enclosure</p>										

Table H15 Tolo Highway (Ma Liu Shui)

Road Segment		Noise Sensitive Receiver					Mitigation Measures			
Drawing Ref.	Sub-section	NSR	Unmitigated L ₁₀ at Mid-Floor dB(A)	Mitigated L ₁₀ at Floor ¹ , dB(A)			Form of Mitigation Measures	Approx. No. of Exposed Dwellings	Approx. No. of Dwellings Protected	Approx. % Dwelling Protected
				First Floor	Mid-Floor	Top-Floor				
30	I	U. Residence No.5-15	71-80	49-66	51-66	53-67	C	264	264	100%
		U.C. Staff Residence	71	49	51	53	C	36	36	100%
		Cheung Shue Tan	72-74 ²	57	-	57	C	60	30	50%
<p>Notes: 1 Floor above road level 2 Noise levels at top-floor</p> <p>Legends: A Plain barrier (3.5m) B Plain barrier (7m) C Semi-enclosure D Full enclosure</p>										

Table H16 Tolo Highway (Tai Po Kau)

Road Segment		Noise Sensitive Receiver					Mitigation Measures			
Drawing Ref.	Sub-section	NSR	Unmitigated L ₁₀ at Mid-Floor dB(A)	Mitigated L ₁₀ at Floor ¹ , dB(A)			Form of Mitigation Measures	Approx. No. of Exposed Dwellings	Approx. No. of Dwellings Protected	Approx. % Dwelling Protected
				First Floor	Mid-Floor	Top-Floor				
31	II	Sea View Villa	76-79	67-71	67-71	67-71	C	60	18	30%
		A2, A3 and A4	75-77	66-69	66-69	66-69	C	9	3	33%
<p>Notes: 1 Floor above road level</p> <p>Legends: A Plain barrier (3.5m) B Plain barrier (7m) C Semi-enclosure D Full enclosure</p>										

Table H17 Cheung Pei Shan Road

Road Segment		Noise Sensitive Receiver					Mitigation Measures			
Drawing Ref.	Sub-section	NSR	Unmitigated L ₁₀ at Mid-Floor dB(A)	Mitigated L ₁₀ at Floor ¹ , dB(A)			Form of Mitigation Measures	Approx. No. of Exposed Dwellings	Approx. No. of Dwellings Protected	Approx. % Dwelling Protected
				First Floor	Mid-Floor	Top-Floor				
32	I	Shek Kuk House	73-77	67-76	69-76	71-73	C	280	160	57%
	II	Shek Tsui House	73-77	65-67	67-69	71-73	C	280	180	64%
	III	Lok Shan House	74	65	68	71	C	140	120	86%
		Tsui Shan House	73-74	62-76	70-72	69-70	C	400	220	55%
	IV	Sau Shan House	73	65	68	71	C	140	120	86%
	V	Sam Tung Uk Resite Village	76-81	53-73	57-72	60-72	B	60	48	80%
VI	Hoi Pa Resite Village	75-81	56-70	60-70	68-72	B	60	51	85%	

Notes: 1 Floor above road level

Legends: A Plain barrier (3.5m)
 B Plain barrier (7m)
 C Semi-enclosure
 D Full enclosure

Table H18 Junk Bay Road

Road Segment		Noise Sensitive Receiver					Mitigation Measures			
Drawing Ref.	Sub-section	NSR	Unmitigated L ₁₀ at Mid-Floor dB(A78)	Mitigated L ₁₀ at Floor ¹ , dB(A)			Form of Mitigation Measures	Approx. No. of Exposed Dwellings	Approx. No. of Dwellings Protected	Approx. % Dwelling Protected
				First Floor	Mid-Floor	Top-Floor				
33	I	Tsui Ping Estate Block A	76-77	55-59	67-68	67-68	C	210	210	100%
		Tsui Ping Estate Block B	78	52-57	67	68-69	C	210	210	100%
		Tsui Ping Estate Block C	78	51-61	66-67	71-72	C	210	168	80%
		Tsui Ping Estate Block D	75-77	70-71	70-71	72-73	C	210	66	31%
		Tsui Ping Estate Block E	75	72	74	73	C	210	0	0%
		Tsui Ping Estate Block F	71	69	71	71	C	210	72	34%
	II	Lam Tin Estate Block 4	70-76	68-71	69-72	70-73	C	320	208	65%
		Lam Tin Estate Block 5	73	70	71	71	C	160	120	75%
		Lam Tin Estate Block 7	73	65	67	69	C	160	160	100%
		Lam Tin Estate Block 8	70	54-60	63-65	64-66	C	320	320	100%
		Lam Tin Estate Block 10	68-75	63-69	65-71	68-72	C	480	420	88%
		Yan Tin House	72-73	49-65	62-69	66-68	C	420	420	100%
		Mei Tin House	72-74	48-62	61-69	66-68	C	420	420	100%
		Choi Tin House	72-74	54-68	64-69	66-68	C	420	315	75%

Notes: 1 Floor above road level

Legends: A Plain barrier (3.5m)
 B Plain barrier (7m)
 C Semi-enclosure
 D Full enclosure