Appendix 4.12 Construction Noise Calculation during Non-Restricted Hours (Mitigated Scenario)

NSR: SC2 - Servade Core Book 8

SC2 - Servade Core Book 8

Representative Risks during Non-Restricted Hours (Mittigated Scenario
Mitigated
Representative Floor: UF

Floor mPD: 21.2 m

		Work [1]			1	2028			2029		2030			2031		2032		2033		2034		2035		203	16
		Zone	Dist ⁽²⁾	Building Start F	od Jan Feb M	ar Apr May Jun Ju	Aug Sep Oct Nov Dec	Jan Feb Mar Apr	May Jun Jul Aug Sep	Oct Nov Dec Jan	Feb Mar Apr May Jun Ju	Aug Sep Oct Nov Dec .	Jan Feb Mar Apr May J	un Jul Aug Sep Oct Nov	Dec Jan Feb Mar Apr M	tay Jun Jul Aug Sep C	t Nov Dec Jan Feb Mar Apr	May Jun Jul Aug Sep	Oct Nov Dec Jan Feb M	lar Apr May Jun Jul Aug S	Sep Oct Nov Dec Jan Feb	Mar Apr May Jun Jul Au	g Sep Oct Nov Dec Jan	Feb Mar Apr May Jun	Jul Aug Sep Oct Nov Dec
Groups of PME	Construction Activity	No.	SWL (m) SPL	Screening Month Mo	onth 1 2 3	4 5 6 7	8 9 10 11 12	13 14 15 16	17 18 19 20 21	22 23 24 25	26 27 28 29 30 31	32 33 34 35 36	37 38 39 40 41 4	2 43 44 45 46 47	48 49 50 51 52 5	53 54 55 56 57 5	8 59 60 61 62 63 64	65 66 67 68 69	70 71 72 73 74 7	75 76 77 78 79 80	81 82 83 84 85 86	87 88 89 90 91 9	2 93 94 95 96 97	98 99 100 101 102	103 104 105 106 107 108
	(A) Work Zone at Tai Chung Road Interchange Works Area 1				-	+		-		-								$\overline{}$				$\overline{}$			-
1	(A1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works	Works Area 1	102 44 64	25 2	15					64			-			-								-	
2	(A2) Utilises Protection and Diversion Works (A3) Construction of Bridge Structure for Slip Road E	Works Area 1	99 44 61	26 2	16					$\overline{}$	61								$\overline{}$	\cdots					-
4	(A3.1) Piling Works	PW-1	102 -	27 3	16					-		-				+				+++++					+
5	(A3.2) Pile Caps and Piers	PW-1	102 -	29 3	18																				
6	(A3.3) Bridge Deck (A3.4) Modification of Existing Bridge Structure of Tsuen Wan Road for Connection	Work Zone 1A Work Zone 1A	103 -	39 4	8	+		-	-	-			-		-	+		-	+	+	++++	+++++	+	+	
7	(A3.5) Roadworks, Drainage & Utilities	Works Area 1	96 44 58	55 5	6	+ + + + + + + + + + + + + + + + + + + 	 			 			 			58 58					 		+ + + + + + + + + + + + + + + + + + + 		
8	(A3.6) Pavement	Works Area 1	100 44 63	57 5	7											63									
7	(A4) Improvement at Hoi Hing Road / Hoi On Road Junction (A4.1) Roadworks, Drainage & Utilities	Works Area 1	96 44 58	58 5		++++				 						- 	5 58								+
8	(A4.2) Payement	Works Area 1	100 44 63	60 6	10												63								
	(B) Work Zone between Tai Ho Road and Tsuen Tsing Interchange																			+					
	Works Area 2 (B1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works	Works Area 2	102	26 2		++++		-	-	-						++++		$\overline{}$	++++	+++++			+	+	-
2	(B2) Utilities Protection and Diversion Works	Works Area 2	99 -	26 2	16																				
	(B3) Construction of Bridge Structure for Additional Lane above Tsuen Wan Park																								
4	(B3.1) Piling Works (B3.2) Pile Caps and Piers	PW-2 PW-2	102 -	27 4	17			 		 											 	\cdots	 		
6	(B3.3) Bridge Deck	Works Area 2	103 -	50 5	8																				
9	(B3.4) Modification of Existing Bridge Structure of Tsuen Wan Road for Connection	Work Zone 2A	101 -	51 5	9																				
7 8	(B3.5) Roadworks, Drainage & Utilities (B3.6) Pavement	Works Area 2 Works Area 2	100 -	60 6	11 12	++++	 	+		 		 		 	 	 	 	 	 	 	 	 	 		
	(B4) Construction of Cantilever Noise Barrier, Vertical Barrier and Noise Semi-enclosure		1 ~1 1	1 1 - 1 "																					
4	(B4.1) Piling Works (B4.2) Pile Caps and Piers	PW-2-NMM PW-2-NMM	102 -	27 5	10	+++	$\overline{}$	\vdash	+++	+++	-	+++	+++	+++	$\overline{}$	+++	++++	$\sqcap \sqcap \sqcap$	$\overline{}$	+++	++++	$\overline{\Box}$	++++	+	+++
11	(B4.3) Erection of Noise Barrier Frame and Panels	Work Zone 2B	104 -	53 6	12	1 1 1 1						++++	- 			 	 			 			 		
	(B5) Construction of Bridge Structure for New Downramp from Tsuen Wan Road (KInB) to TTI			1 1 1																					
4 6	(BS.1) Piling Works (BS.2) Pile Caps and Piers	PW-2A PW-2A	102 -	27 3	13	+++	 	+++	-	+++	-	++++					 	++++++++++++++++++++++++++++++++++++				+++++			+++++
6	(B5.3) Bridge Deck	Works Area 2	103 -	36 4	17																				
9	(BS.4) Modification of Existing Bridge Structure of Tsuen Wan Road for Connection	Work Zone 2C	101 -	48 5	i3																				
10 7	(BS.5) Demolition of Existing Downramp (BS.6) Roadworks, Drainage & Utilities	Work Zone 2D Work Zone 2D	101 -	54 5	9	++++		-																-	
8	(BS.7) Pavement	Work Zone 2D	100 -	62 6	12																				
-	(B6) Modification of At-grade Roads (B6.1) Roadworks, Drainage & Utilities	Works Area 2			<u>, </u>	+++	++++	-	\cdots	-	-	+++++	++++	+	-	++++		-	++++	+	++++	++++	++++	-	
8	(B6.2) Pavement	Works Area 2	100 -	29 2	9	 	 		 	 			 			 					 		 	-	
	(C) Work Zone between Tsuen Tsing Interchange and Kwai Tsing Interchange			1 1 1																					
	Works Area 3 (C1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works	Works Area 3	102	1 1.1	. 🗕	+		-	-	-		-	++++		-	++++		-	++++	+	++++	++++	+	+	-
2	(C2) Utilities Protection and Diversion Works	Works Area 3	99 -	2 2	2								-			-									
14	(C3) Retaining Structures for At-grade Roadworks	Work Zone 3A	104 -	3 2	16					-					$\overline{}$				-				-		
3 12	(C4) Slopeworks (C5) Modification of Kwai Hei Street Underpass (HyD Structure No. NS21)	Work Zone 3B Work Zone 3C	105 -	27 4	12	++++		-																	
13	(C6) Modification of Kwai Hei Street Footbridge (HvD Structure No. NF185)	Work Zone 3D	105 -	1 1	12																				
7	(C7) Roadworks, Drainage & Utilities (C8) Pavement	Works Area 3 Works Area 3	96 -	46 4	17	+++	++++	-	\cdots	-	-	+++++	++++	+	-	++++		-	++++	+++++	++++	++++	++++	-	
°	(D) Work Zone between Kwai Tsing Interchange and Container Port Road	WORG AND 3	100	** *	* 	 	 	 	 	 			 	 	 	 					 		 		
	Works Area 4																								
1 2	(D1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works (D2) Utilities Protection and Diversion Works	Works Area 4 Works Area 4	102 -	13 1	3	++++		-		 															
14	(D3) Retaining Structures for At-grade Roadworks	Work Zone 4A	104 -	15 2	17																				
3	(D4) Slopeworks (D5) Construction of Bridge Structure for Tsuen Wan Road (TMB) Upramp	Work Zone 4B	105 -	28 3	19	+		-	-	-		-	++++	-	++++	++++		-	++++	+	++++	++++	+	+	-
1	(D5.1) Site Clearance at Existing Kwai Shun Street Cooked Food Market	Work Zone 4C	102 -	13 1	13	 	 	 	 	 		 	- 	 	 	 					 		 		
4	(DS.2) Piling Works	PW-4A	102 -	14 2	10										$\overline{}$				-				-		
5 6	(DS.3) Pile Caps and Piers (DS.4) Bridge Deck to widen Ramp F	PW-4A Work Zone 4D	102 -	16 2	7	++++	 		 	 		 					 	 		 	 	 	 	 	
10	(D5.5) Demolition of Existing Downramp (Part 1)	Work Zone 4E	101 -	28 3	10																				
6	(D5.6) Construction of New Downramp (D5.7) Demolition of Existing Downramp (Part 2)	Work Zone 4F Work Zone 4G	103 -	31 3	13	+++	$\overline{}$	$++-\overline{-}$	+++	++	-	+++	+	+++	+	+	++++	+++	-	+++	$++++\mp$	+++	$+++\mp$	+	+++
7	(D5.8) Roadworks, Drainage & Utilities	Work Zone 4H	96 -	37 3	ı 🗀																				
8	(DS 9) Payament	Work Zone 4H	100 -	39 3	19										\rightarrow				\bot						
4	(DS) Construction of Bridge Structure for Additional Lane at Tsuen Wan Road (TMB) (D6.1) Piling Works	PW-4	102 -	40 4	6 	+++	 	+++	 	 		 		 	- 	 	 	 	- 	 	 	 	 	 	
5	(D6.2) Pile Caps and Piers	PW-4	102 -	47 5	3																				
6	(D6.3) Bridge Deck	Work Zone 4I	103 -	54 5	9	++	+++	+	+++-	++	+	++++++++++++++++++++++++++++++++++++	++	+++	+	+	+++	+++	++	+++	$++\Box$	+++	+++	++	+++
8	(D6.4) Roadworks, Drainage & Utilities (D6.5) Pavement	Work Zone 4I Work Zone 4I	100 -	62 6	12	 	 	 	 	 		 				- 	 	 		 		 	 	- 	
_	(E) Work Zone along Widened Tsuen Wan Road for Relocation of Central Median		1	1 1.																					
16	(E) Work Zone along Widened Tsuen Wan Road for Relocation of Central Median (E1) Dismantling Existing Parapet and Installation of New Profile Barrier	Work Zone 5A	102		. T	+++	+++	$\overline{}$	+++	+++	-	+++	+	+++	+++	+	++++	+++	$\overline{}$	+++	+++	 	+++	+	+++
7	(E2) Roadworks	Works Area 5	96 -	70 7	i 🗀																				
8	(E3) Pavement	Works Area 5	100 -	72 7	12																				
	(F) Work Zone between Tsuen Tsing Interchange and Tsing Tsuen Road Works Area 6				+++	+++	++++	+++	 	+++	++++	++++			++++	++++	 	+++++	++++			+++++	++++	++++	
1	(F1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works	Works Area 6	102 -	61 6																					
2	(F2) Utilities Protection and Diversion Works (F3) Construction of Bridge Structure for Slip Road C	Works Area 6	99 -	62 6	12	+						\perp	$\perp TTT$	\perp	\perp T	\perp			\perp	\perp	+TTT	\Box	$+\Box\Box$	+	$\perp \Box \Box \Box$
17	(F3) Construction of Bridge Structure for Slip Road C (F3.1) Modification of Tsuen Tsing Interchange Roundabout from 3-lane to 2-lane	Work Zone 6A	82 -	63 6	3 	 	 	 	 	 		 					 	 		 		 	 		
15	(F3.2) Removal of Existing Noise Barrier along Tsing Tsuen Road	Work Zone 6B	97	63 6	13																				
4 6	(F3.3) Piling Works (F3.4) Pile Caps ad Piers	Piling Work Area 6 Piling Work Area 6	102 -	64 8	13	+++	+++	$\overline{}$	+++	+++	$\overline{}$	+++	+	+++	+++	+	++++	$\overline{\Box}$	$\overline{}$	+++	+++	 	+++	+	+++
6	(F3.5) Bridge Deck	Works Area 6	103	87 8	~ 	++++	 	 	 	 		 		 		++++	 	 		++++		 	+ + + + + + + + + + + + + + + + + + + 	- 	
14	(F3.6) Retaining Structures for At-grade Roads	Work Zone 6C	104 -	73 7	18																				
3	(F3.7) Slopeworks (F3.8) Erection of Noise Barriers Frame and Panels	Work Zone 6D Work Zone 6B	105 -	79 8	94	+++	++++	++-	+++	+++	++++	++++	+	++++	++++	++++	 	++++	++++	++++	++++	+++++	++++	+	++++
7	(F3.9) Roadworks, Drainage & Utitities	Works Area 6	96	106 1	07	1 1 1				 			 			 	 				 				
8	(F3.10) Pavement	Works Area 6	100 -	108 10	08	\perp						\Box	$\perp T T T$	\perp	\perp T	\perp			\perp	\perp	+		$+\Box\Box$	$\perp T T T$	$\perp \Box \Box \Box$
						 		 	 	 		+ + + + + +		 			 	 					 		
		Overall Noise	Level, Leq (30min), dB(A)			 			64	61	 				58 58 63	8 58 63			 	 	 	 		

Remarks:

11 The Works Area with length to width ratio exceeding 5:1 is divided into Subareas.

21 Works area which are completely out of 300m assessment area from the NSR is not considered in the assessment.

33 Includes a +3 dB(A) Facache Correction.

41 For the exclusion of sound resource levels (SPL), the PMEs are assumed to be placed at the notional source position according to the "Technical Memorandum on Noise from Construction Work other than Percussive Pilling" by EPD.

Appendix 4.12 Predicted Construction Noise Levels at Representative NSRs during Non-Restricted Hours (Mitigated Scenario)

NSR: SAX2 - Salvation Army Ng Tol. Was Memoral Kindergaten

Scenario:

Proor mPD: 8.8 m

		work.				1 1 1 1								1 1 1													$\overline{}$	
Groups of PME		Zone	Dist ⁽²⁾	Building S	tart End Jan Fe	eb Mar Apr May Jun	Jul Aug Sep Oct Nov Der	Jan Feb Mar	Apr May Jun Jul Aug Sep Oc	t Nov Dec Jan Feb Ma	r Apr May Jun Jul	Aug Sep Oct Nov E	Dec Jan Feb Mar	r Apr May Jun Jul	I Aug Sep Oct	Nov Dec Jan Feb	Mar Apr May Jun	Jul Aug Sep	Oct Nov Dec Jan Feb M	ar Apr May Jun Jul Aug	Sep Oct Nov Dec Jan Feb	Mar Apr N	tay Jun Jul Aug Sep	Oct Nov Dec Jan Feb Mar	Apr May Jun Jul Aug Sep	Oct Nov Dec Jan Feb M	Apr May Jun	n Jul Aug Sep Or
Groups of PME	Construction Activity (A) Work Zone at Tai Chung Road Interchange	No.	SWL (m)	SPL ^{IN} Screening Mo	onth Month 1 2	2 3 4 5 6	7 8 9 10 11 12	13 14 15	16 17 18 19 20 21 22	2 23 24 25 26 2	7 28 29 30 31	32 33 34 35 3	36 37 38 39	40 41 42 43	3 44 45 46	47 48 49 50	51 52 53 54	55 56 57	58 59 60 61 62 6	3 64 65 66 67 68	69 70 71 72 73 74	75 76 7	77 78 79 80 81	82 83 84 85 86 87	88 89 90 91 92 93	94 95 96 97 98 9	100 101 102	2 103 104 105 104
	Works Area 1					-		-								-						-					+	+
1	(A1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works	Works Area 1	102 31	67 2	25 25					67																	\blacksquare	\Box
2	(A2) Utilities Protection and Diversion Works (A3) Construction of Bridge Structure for Slip Road E	Works Area 1	99 31	64 2	26 26	+		-		64	-	-	-	-	-	-	-	-	-			-						+++
4	(A3.1) Piling Works	PW-1	102 38	65	27 36			-		- e	65 65 65 65	65 65 65 65	65	-		-		-	- 			-					+	+
5	(A3.2) Pile Caps and Piers	PW-1	102 38	65	29 38						65 65 65	65 65 65 65	65 65 65															
6	(A3.3) Bridge Deck (A3.4) Modification of Existing Bridge Structure of Tsuen Wan Road for Connection	Work Zone 1A Work Zone 1A	103 30	69 3	39 48	++++	++++		+	++++	+++	-	69	69 69 69 69	69 69 69	69 69			++++	++-	+	\vdash	++++	++++		-		+++
7	(A3.4) Modification of Existing Bridge Structure of I suen Wan Road for Connection (A3.5) Roadworks, Drainage & Utilities	Work Zone 1A Works Area 1	96 31	61	49 54 55 58			 			 	 			 	66 66	86 86 86 86	61 61	- 				- 				+-	++++
8	(A2 6) Recomment	Works Area 1	100 31	66 5	57 57													66										
_	(A4) Improvement at Hoi Hing Road / Hoi On Road Junction	Works Area 1			💳			-				-	\perp	-	-	-	-	-					\perp					+++
,	(A4.1) Roadworks, Drainage & Utilities (A4.2) Payement	Works Area 1 Works Area 1	100 31	61 5	58 59	 					 				+++			-	61 61								+-	+++
· ·	(B) Work Zone between Tai Ho Road and Tsuen Tsing Interchange	Works Asset	100 31	~ I		+		-					-			-			11211			-					+	+
	Works Area 2																										Ш.	
1	(B1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works (B2) Utilities Protection and Diversion Works	Works Area 2 Works Area 2	102 189	51	25 25	+				51	$\overline{}$	-	-	-	+	-	$\overline{}$	-	++++			-	+				+++-	++++
2	(B3) Construction of Bridge Structure for Additional Lane above Tsuen Wan Park	Works Area 2	99 189	48	26 26			 		48									- 			-	 				+-	+
4	(B3.1) Piling Works	PW-2	102 299	47	27 47	+		-		4	47 47 47 47	47 47 47 47	47 47 47 47	47 47 47 47	7 47 47 47	47						\Box		-			+	+
5	(B3.2) Pile Caps and Piers	PW-2	102 299	48 2	29 49			\Box			48 48 48	48 48 48 48	48 48 48 48	48 48 48 48	48 48 48	48 48 48						\Box						\Box
6	(B3.3) Bridge Deck (B3.4) Modification of Existing Bridge Structure of Tsuen Wan Road for Connection	Works Area 2 Work Zone 2A	103 189	53	50 58										+++	53	53 53 53 53	53 53 53	53			-					++-	+++
7	(B3.5) Roadworks, Drainage & Utilities	Work Zone 2A Works Area 2	96 189	45	60 61						 			 	+++	 	 	-	45 45			 					++-	+++
8	(B3.6) Payement	Works Area 2	100 189	50																	- 	ш						
	(B4) Construction of Cantilever Noise Barrier, Vertical Barrier and Noise Semi-enclosure																											
4	(B4.1) Piling Works (B4.2) Pile Caps and Piers	PW-2-NMM PW-2-NMM	102 299	47			++++			1 1 1 1 1	47 47 47 47	47 47 47 47	47 47 47 47	47 47 47 47	47 47 47	47 47 47 47		+++	++++	 	++++	\vdash	++++	++++	++++	++++	+++-	++++
11	(R4.3) Frection of Noise Barrier Frame and Panels	Work Zone 2B	102 299	~ ;	53 62	 					10 10 48	~ *0 *0 *8	~ ** **	12 20 20 20	1 40 40 48	17 17 17 18	17 19 1	\vdash		 		\vdash					++-	+++
	(B5) Construction of Bridge Structure for New Downramp from Tsuen Wan Road (KinB) to TTI		1																									
4	(B5.1) Piling Works	PW-2A	102 -	1 2	27 33	-		-				-	$\overline{}$			-						\Box	\bot			-		T
5	(B5.2) Pile Caps and Piers (B5.3) Bridge Deck	PW-2A Works Area 2	102 -	53	29 35 36 47	 	- 	++++		 	++++		53 53 53 59	53 53 53 50	3 53 53 59	53	 	\vdash		 		++	 				+	+++
9	(B5.4) Modification of Existing Bridge Structure of Tsuen Wan Road for Connection	Work Zone 2C	101 -	-1 1	48 53	- 	 				 	- 		1-1-1-1-1-1-1-1-1	1 2 2 2 3	 	 	 	 	 		-	- 				++-	+++
10	(B5.5) Demolition of Existing Downramp	Work Zone 2D	101 -		54 59																							
7	(B5.6) Roadworks, Drainage & Utilities (B5.7) Pavement	Work Zone 2D Work Zone 2D	96 -		60 61	$\overline{}$	-	-		$\overline{}$	-	-	$\overline{}$	-	-	-	-	-	$\overline{}$			-	$\overline{}$				+++-	
8	(B6) Modification of At-grade Roads	Work Zone 2D	100 -		62 62	 					 				+++	 		-									+-	+++
7	(B6.1) Roadworks, Drainage & Utilities	Works Area 2	96 189	45	27 28					4	45								 			-					+	+++
8	(B6.2) Pavement	Works Area 2	100 189	50 2	29 29						50																	
	(C) Work Zone between Tsuen Tsing Interchange and Kwai Tsing Interchange					+		$\overline{}$				$\overline{}$	$\overline{}$			$\overline{}$	$\overline{}$	$\overline{}$				$\overline{}$		$\overline{}$			+++-	++++
1	Works Area 3 (C1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works	Works Area 3	102		, ,										-			-				-					+	+
2	(C2) Utilities Protection and Diversion Works	Works Area 3	99 -		2 2			-						-				-	- 			-	 				+-	+
14	(C3) Retaining Structures for At-grade Roadworks	Work Zone 3A	104 -		3 26																							
3	(C4) Slopeworks (C5) Modification of Kwai Hei Street Undernass (HvD Structure No. N521)	Work Zone 3B Work Zone 3C	105 -	1 1 2	27 41	+						-	-	-	-		-	-				-						+++
13	(C6) Modification of Kwai Hei Street Footbridge (HyD Structure No. NF185)	Work Zone 3D	105		1 12			-								-		-				-					+	+++
7	(C7) Roadworks, Drainage & Utilities	Works Area 3	96 -	1 1	46 47			-													$\overline{}$							+
8	(C8) Pavement	Works Area 3	100 -	1 4	48 48																							\Box
	(D) Work Zone between Kwai Tsing Interchange and Container Port Road Works Area 4					+	-	-			+	-	-	-	-	-	-	-	-			-					+++-'	++++
1	Works Area 4 (D1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works	Works Area 4	102										-					-				-					+	+
2	(D2) Utilities Protection and Diversion Works	Works Area 4	99 -	1 1																								
14	(D3) Retaining Structures for At-grade Roadworks	Work Zone 4A	104 -	1 1	15 27	+		$\overline{}$				$\overline{}$	$\overline{}$			$\overline{}$	$\overline{}$	$\overline{}$				$\overline{}$		$\overline{}$			+++-	++++
3	(D4) Slopeworks (D5) Construction of Bridge Structure for Tsuen Wan Road (TMB) Upramp	Work Zone 4B	105 -	1 1 2	28 39			-	+							-		-			-	-		+			+++	++++
1	(D5.1) Site Clearance at Existing Kwai Shun Street Cooked Food Market	Work Zone 4C	102 -		13 13			-											- 			-	 				+	+
4	(D5.2) Piling Works	PW-4A	102 -		14 20																							
5	(D5.3) Pile Caps and Piers (D5.4) Bridge Deck to widen Ramp F	PW-4A Work Zone 4D	102 -		16 22	+					-	-	-	-	-	-	-	-				-		-			++-	+++
10	(DS.5) Demoltion of Existing Downramp (Part 1)	Work Zone 4E	101 -		28 30			-								-		-				-					+	+++
6	(DS.6) Construction of New Downramp	Work Zone 4F	103 -																									
10	(D5.7) Demoltion of Existing Downramp (Part 2) (D5.8) Roadworks, Drainage & Utilities	Work Zone 4G Work Zone 4H	101 -		34 36	+++	$\overline{}$	+++	$\overline{}$	+++	$\overline{\Box}$	-	+	++	+	++	$\overline{\Box}$	-	++++	$\overline{}$	+++	\vdash	+	-++-	$\overline{}$	$\overline{}$	++-	$++\mp$
8	(D5.8) Roadworks, Drainage & Utilities (D5.9) Pavement	Work Zone 4H Work Zone 4H	100		30 30	 	- 	++++		 	 		+++	 	+++	 	 	+++		 		+	 				++-	+++
	(D6) Construction of Bridge Structure for Additional Lane at Tsuen Wan Road (TMB)		" '		~ <i>**</i> 																	ᄖ						
4	(D6.1) Piling Works	PW-4	102 -	1 1	40 46										$\perp T T$							\Box					\bot	$\perp \Box \Box$
5	(D6.2) Pile Caps and Piers (D6.3) Bridge Deck	PW-4 Work Zone 4I	102 -	1 1:	4/ 53 54 50	++++	++++	++++	++++	++++	++++	++++	+++	+++	+	+++	+++-	+++	+	 	++++	++	++++	++++	++++++++++++++++++++++++++++++++++++	++++	+++-	+++
7	(D6.4) Roadworks, Drainage & Utilities	Work Zone 4I	96 -		60 61								\neg				 			 		\vdash	 			-		+
8	(D6.5) Pavement	Work Zone 4I	100 -		62 62																							
	(E) Work Zone along Widened Tsuen Wan Road for Relocation of Central Median				\perp	+++	++++	+++	++++	++++	+++	-	+	+++	+	++	\Box	\vdash	++++	+++	+++	\vdash	+	+++	+++	$\overline{}$	++-	+++
16	(E) Work Zone along Widened Tsuen Wan Road for Relocation of Central Median (E1) Dismanting Existing Parapet and Installation of New Profile Barrier	Work Zone 5A	103 231	51	63 69	 	- 	 	 	 	 	- 	- 	 	 	 	 	+++	1 1 1 1 2	1 51 51 51 51 51	51	\vdash	 	- 			++-	+++
7	(E2) Roadworks	Works Area 5	96 223	44	70 71															5. 5. 5. 5. 5.	44 44					-	+-	+-
8	(E3) Pavement	Works Area 5	100 223	48	72 72																48							
	(F) Work Zone between Tsuen Tsing Interchange and Tsing Tsuen Road Works Area 6				_ 			++++		 	++++			 	+++	+++	 	+++		 		\vdash	 		++++		+++-'	+++
1	(F1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works	Works Area 6	102		81 81	 					 			 		 	 	-	- 	 							++-	+++
2	(F2) Utilities Protection and Diversion Works	Works Area 6	99 -		62 62																	ᄖ						
	(F3) Construction of Bridge Structure for Slip Road C				💳								\perp									\Box	\perp			\perp	$+$ \mp	+
1/	(F3.1) Modification of Tsuen Tsing Interchange Roundabout from 3-lane to 2-lane (F3.2) Removal of Existing Noise Barrier along Tsing Tsuen Road	Work Zone 6A Work Zone 6B	82 -		63 63	++++		++++		++++		++++	+++	++++	++-	+++		+++	++++	++++		++	++++				+++	+++
4	(F3.3) Piling Works	Piling Work Area 6	102 -		64 83	 		 	 	 				 			 		 				1111				++-	+++
5	(F3.4) Pile Caps ad Piers	Piling Work Area 6	102 -		66 86																						ш	
6	(F3.5) Bridge Deck	Works Area 6	103 -	1 8	87 99	+					$\perp \Box \Box \Box$								+			\Box	+TTT				$+$ \square \square	\bot
14	(F3.6) Retaining Structures for At-grade Roads (F3.7) Slopeworks	Work Zone 6C Work Zone 6D	104 -		73 78 84	 	- 	++++	 	 			+++	++++	+++	+++	 	\vdash	++++	++++	++++	++	++++	++++	++++		++-	+++
11	(F3.8) Erection of Noise Barriers Frame and Panels	Work Zone 6B	104 -	1 1	100 105	 		 			 		- 	 	 	 	 			 								+
7	(F3.9) Roadworks, Drainage & Utitities	Works Area 6	96 -	1	106 107																							
8	(F3.10) Pavement	Works Area 6	100 -	1						+++	+++	-	\perp	+++	+	\vdash	+++	\Box	+	++++=	$+++\mp$	+	$+++\Box$					
						++++		++++	++++	 	++++		+++	++++	+++	+++	 	\vdash		 		++	 				+++-	+++

Remarks:

11 The Works Area with length to width ratio exceeding 5 - 1 is divided into Subareas.

21 Works area which are completely out of 300m assessment area from the NSP is not considered in the assessment.

33 Includes a -3 dB(N) Facable Correction.

43 For the calculation of sound rescue levels (SPL), the PMEs are assumed to be placed at the notional source position according to the "Technical Memorandom on Roise from Construction Work other than Percussive Pilang" by EPD.

Appendix 4.12 Predicted Construction Noise Levels at Representative NSRs during Non-Restricted Hours (Mitigated Scenario)

NSR: CGB - Claps Gerden State Block A

Scenario: Wrighter

Representative Floor: 9F Floor mPD: 15.3 m

		Work [1]					2028		2029		2030			2031			2032			2033		2034			2035		2036	
		Zone	Dist ^[2]	Building	ing Start End Jan I	Feb Mar Apr May Ju	ın Jul Aug Sep O	ct Nov Dec Jan Feb Mar Apr Ma	y Jun Jul Aug Sep	Oct Nov Dec Jan Feb M	er Apr May Jun Jul	Aug Sep Oct Nov Dec	Jan Feb Mar Apr M	lay Jun Jul Aug	Sep Oct Nov Dec	Jan Feb Mar	Apr May Jun Jul Au	g Sep Oct Nov Dec Jan	Feb Mar Apr May	Jun Jul Aug Sep Oct N	lov Dec Jan Feb Mar	Apr May Jun Jul Aug	Sep Oct Nov Dec Ja	in Feb Mar Apr May J	lun Jul Aug Sep Oct	Nov Dec Jan Feb Mar	Apr May Jun Jul Aug	Sep Oct Nov Dec
Groups of PME		No.	SWL (m) Si	SPL ^M Screeni	aning Month Month 1	2 3 4 5 6	7 8 9 1	0 11 12 13 14 15 16 17	18 19 20 21	22 23 24 25 26 2	7 28 29 30 31	32 33 34 35 36	37 38 39 40 4	11 42 43 44	45 46 47 48	49 50 51	52 53 54 55 56	57 58 59 60 61	62 63 64 65	66 67 68 69 70	71 72 73 74 75	76 77 78 79 80	81 82 83 84 85	5 86 87 88 89 9	90 91 92 93 94	95 96 97 98 99	00 101 102 103 104	105 106 107 108
	(A) Work Zone at Tai Chung Road Interchange Works Area 1					+++	+++		-	++++	+	++++	-	-	\cdots		-	\cdots			++++	$\overline{}$	-	++++	-		+++	
1	(A1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works	Works Area 1	102 68	60	25 25					60		-	-		-					$\overline{}$								
2	(A2) Utilities Protection and Diversion Works (A3) Construction of Bridge Structure for Slip Road E	Works Area 1	99 68	57	26 26		-			57				-														
4	(A3.1) Piling Works	PW-1	102 75	59	27 36	 		+ + + + + + + + + + + + + + + + + + + 			9 59 59 59 59	59 59 59 59 59				 												-
5	(A3.2) Pile Caps and Piers	PW-1	102 75	60	29 38						60 60 60	60 60 60 60 60	60 60															
6	(A3.3) Bridge Deck (A3.4) Modification of Existing Bridge Structure of Tsuen Wan Road for Connection	Work Zone 1A Work Zone 1A	103 66	62	39 48	-	+		-	-	-		62 62 6	2 62 62 62	62 62 62 62		70 70 70				++++	-	-	-				-
7	(A3.5) Roadworks, Drainage & Utilities	Works Area 1	96 68	54	55 56	 	 	 		 	++++		- 	+++	 	59 59 59	54 54			 	 	- 		+		 	 	-
8	(A3.6) Pavement	Works Area 1	100 68	59	57 57													59										
7	(A4) Improvement at Hoi Hing Road / Hoi On Road Junction (A4.1) Roadworks, Drainage & Utilities	Works Area 1	96 68	54	50 50 H	-	+			-		-	-	-	-	-	-	54 54	-	-	+	-	-	-	-	-	+	-
8	(A4.2) Payement	Works Area 1	100 68	59	60 60		 		 	 			- 		 			59		- 								
	(B) Work Zone between Tai Ho Road and Tsuen Tsing Interchange																											
	Works Area 2 (B1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works	Works Area 2				$\overline{}$	+		$\overline{}$		+	\cdots	$\overline{}$	-	\cdots	$\overline{}$	-	++++	$\overline{}$	$\overline{}$	+	$\overline{}$	$\overline{}$	+		$\overline{}$		
1 2	(P3) Hillion Protection and Dispersion Works	Works Area 2 Works Area 2	99 211	48	25 25					50 48				-														-
-	(B3) Construction of Bridge Structure for Additional Lane above Tsuen Wan Park		1	-																								
4	(B3.1) Piling Works	PW-2 PW-2	102 -		27 47		-																					
6	(B3.2) Pile Caps and Piers (B3.3) Bridge Deck	Works Area 2	102 -	52	50 58		 									50 50	52 52 52 52 53	50 50										-
9	(B3.4) Modification of Existing Bridge Structure of Tsuen Wan Road for Connection	Work Zone 2A	101 -	-	51 59																							
7	(B3.5) Roadworks, Drainage & Utilities	Works Area 2	96 211	44	60 61	++++	+		-	$\overline{}$	+	\cdots	-	-	\cdots	\cdots	-	44 44		-	-	-	-	+			-	
8	(B3.6) Pavement (B4) Construction of Cantilever Noise Barrier, Vertical Barrier and Noise Semi-enclosure	Works Area 2	100 211	***	62 62	- 	 	 	 		 	 		+++	 	 		 	12	- 	 		- 	 				
4	(B4.1) Piling Works	PW-2-NMM	102 -		27 50																							
5	(B4.2) Pile Caps and Piers (B4.3) Erection of Noise Barrier Frame and Panels	PW-2-NMM Work Zone 2B	102 -		29 52	+++	+++	 	++	+	+++	+++	+++	+	+++	++	+	+++	\Box	+	$+++\Box$	+++	+++	+++	+	$+++\Box$	+++	++
	(B4.3) Erection of Noise Barrier Frame and Panels (B5) Construction of Bridge Structure for New Downramp from Tsuen Wan Road (KinB) to TTI		104		33 62	- 	 	 	 		 	 	- 	111	 	 		 	 	- 		- 		 	 			
4	(BS.1) Piling Works	PW-2A	102 -		27 33																							
5	(B5.2) Pile Caps and Piers (B5.3) Bridge Deck	PW-2A Works Area 2	102 -	62	29 35		+++	+ + + + + + +	++++		 	 	52 52 52 CC C	2 22 22 22	0 0 0	+++		 	++++					 				+++
9	(BS.4) Modification of Existing Bridge Structure of Tsuen Wan Road for Connection	Work Zone 2C	101 -	52	48 53		++++	 				52	32 32 32 32 3	2 32 32 32	32 32 32	 			 		++++							
10	(B5.5) Demolition of Existing Downramp	Work Zone 2D	101 -		54 59																							
7	(BS.6) Roadworks, Drainage & Utilities (BS.7) Pavement	Work Zone 2D Work Zone 2D	96 -		60 61	-	+++	 		-				-			-			-		-					+	-
	(B6) Modification of At-grade Roads		1.00		" "		 		 	 		 	- 	 	 	 	- 	 		- 	 		- 					
7	(B6.1) Roadworks, Drainage & Utilities	Works Area 2	96 211	44	27 28					4	4 44											-			-	-		
8	(B8.2) Pavement (C) Work Zone between Tsuen Tsing Interchange and Kwai Tsing Interchange	Works Area 2	100 211	49	29 29	-	+			$\overline{}$	49		-	-	-		-				+	-	-	-				-
	Works Area 3						 	 	 						 						 			+				
1	(C1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works	Works Area 3	102 -		1 1																							
2	(C2) Utilities Protection and Diversion Works (C3) Retaining Structures for At-grade Roadworks	Works Area 3 Work Zone 3A	99 -		2 2	+	++++	++++++	-			$\overline{}$		+	-		-		$\overline{}$	+				+				
3	(C4) Slopeworks	Work Zone 3B	105 -		27 41		-		-	-		-	-				-		-		-	-	-					-
12	(C5) Modification of Kwai Hei Street Underpass (HyD Structure No. N521)	Work Zone 3C	105 -		1 12	$\overline{}$	$\overline{}$			$\overline{}$			$\overline{}$	-	$\overline{}$	\Box	$\overline{}$	$\overline{}$		$\overline{}$	$\overline{}$	$\overline{}$	\perp	-		$\overline{}$	-	
13	(C6) Modification of Kwai Hei Street Footbridge (HyD Structure No. NF185) (C7) Roadworks, Drainage & Utilities	Work Zone 3D Works Area 3	105 -		1 12	- 	 	+++++++	 	- 			- 	+++	 	 	- 			- 			- 					-
8	(C8) Pavement	Works Area 3	100 -		48 48																							
	(D) Work Zone between Kwai Tsing Interchange and Container Port Road						\perp																					
1	Works Area 4 (D1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works	Works Area 4	102		13 13		 	 					- 	+++	 	 							 					
2	(D2) Utilities Protection and Diversion Works	Works Area 4	99 -		14 14																							
14	(D3) Retaining Structures for At-grade Roadworks	Work Zone 4A	104 -		15 27	$\overline{}$	+		$\overline{}$		+	\cdots	$\overline{}$	+	$\overline{}$	\cdots			$\overline{}$			-	$\overline{}$	+				$\overline{}$
3	(D4) Slopeworks (D5) Construction of Bridge Structure for Tsuen Wan Road (TMB) Upramp	Work Zone 4B	105 -		28 39	-	+	 				$\overline{}$	-	-		-	-		-	-		-	-	-	-	-	+	
1	(D5.1) Site Clearance at Existing Kwai Shun Street Cooked Food Market	Work Zone 4C	102 -		13 13																							
4	(D5.2) Piling Works (D5.3) Pile Caps and Piers	PW-4A PW-4A	102 -		14 20	+++	+		-	-	-	-	-	-	-		-				+		-					
6	(D5.4) Bridge Deck to widen Ramp F	Work Zone 4D	103 -		23 27		 		 			++++		-	 		-	 			 				-		+	
10	(D5.5) Demolition of Existing Downramp (Part 1)	Work Zone 4E	101 -		28 30																							
6	(D5.6) Construction of New Downramp (D5.7) Demolition of Existing Downramp (Part 2)	Work Zone 4F Work Zone 4G	103 -		31 33		+ + + + +							-		-			$\overline{}$									
7	(D5.8) Roadworks, Drainage & Utilities	Work Zone 4H	96 -		37 38							$\overline{}$	-									-						
8	(DS.9) Pavement (DS) Construction of Bridge Structure for Additional Lane at Tsuen Wan Road (TMB)	Work Zone 4H	100 -		39 39	+TTT	+TTT	++++++	\perp	+TTT	+				$+ \Box \Box \Box$					\perp	+	\perp		$+ \Box \Box \Box$	\perp	+ TTT		
4	(D6.1) Piling Works	PW-4	102 -		40 46	- 	 	 	 		 	 		+++	 	 		 	 	- 	 	- 		 	 			
5	(D6.2) Pile Caps and Piers	PW-4	102 -		47 53																							
6	(D6.3) Bridge Deck (D6.4) Roadworks, Drainage & Utilities	Work Zone 4I Work Zone 4I	103 -		54 59	+++	+++	+ + + + + + + + + + + + + + + + + + + 	++	+	+++	+++	+++	+	+++	+++	+++	+++	\Box	$+++\Box$	$+++\Box$	+++	+++	+++	+++	$+++\Box$	+++	++
8	(D6.5) Pavement	Work Zone 4I Work Zone 4I	100 -		62 62	- 	 	 	 		 	 	- 	111	 	 		 	 	- 				 	 			
	(E) Work Zone along Widened Tsuen Wan Road for Relocation of Central Median		1 "1 1																									
16	(E) Work Zone along Widened Tsuen Wan Road for Relocation of Central Median (E1) Dismantling Existing Parapet and Installation of New Profile Barrier	Work Zone 5A	102 352	60		+++	++++	+ + + + + + +	++++		+++-	+++++	+++	+++	 		+++	 	50 50 70	50 50 50 50	 	++++	+++	 	++++	++++		+++
7	(E2) Roadworks	Works Area 5	96 243	43	70 71			 											50 50 50	30 30 30 43	43							
8	(E3) Pavement	Works Area 5	100 243	48	72 72																48							
	(F) Work Zone between Tsuen Tsing Interchange and Tsing Tsuen Road Works Area 6					-								-								-						
1	(F1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works	Works Area 6	102 -		61 61		++++	 								 								++	+	++++	+++	
2	(F2) Utilities Protection and Diversion Works	Works Area 6	99 -		62 62																							
17	(F3) Construction of Bridge Structure for Slip Road C (F3.1) Modification of Tsuen Tsing Interchange Roundabout from 3-lane to 2-lane	Work Zone 6A				-	+++	++++++	+++		+++	++++	-		 	-	$\overline{}$	+++	++-	$\overline{}$	+++	+++	$\overline{}$	+++	+++	+++-	+++	\vdash
15	(F3.2) Removal of Existing Noise Barrier along Tsing Tsuen Road	Work Zone 6B	97		63 63	- 	 	, , , , , , , , , , , , , , , , , , , 	 	- 	 	 	- 		 	 			 	- 		- 	- 	 	- 		 	-
4	(F3.3) Piling Works	Piling Work Area 6	102 -		64 83															\bot								
5	(F3.4) Pite Caps ad Piers (F3.5) Bridge Deck	Piling Work Area 6 Works Area 6	102 -		66 86	+++	+++	 	+++	$\overline{}$	+++	+++	+++	+	+++	++	+++	+++	++-	+++	+++	+++	+++	+++	+++	+++	+++	\vdash
14	(F3.6) Retaining Structures for At-grade Roads	Work Zone 6C	104 -		73 78	- 	 	 	 	- 	 	 	- 	+++	 	 		 	 	- 	 		- 	 	 			
3	(F3.7) Slopeworks	Work Zone 6D	105 -		79 84											\Box												
11	(F3.9) Erection of Noise Barriers Frame and Panels (F3.9) Roadworks, Drainage & Utilities	Work Zone 6B Works Area 6	104 -		100 105	+++	+++	 	+++	+++	+++	+++	-	+	+++	\vdash	-	+++	HHH	+++	+++	+++	-++	+++	+++	+++	+++	++
8	(F3.10) Pavement	Works Area 6	100 -		108 108		 	 	 		 	 	- 		 	 		 		- 	- 	- 		 	 			
1																												
—		Overall No.	ise Level, Leq (30min), d	dR(Δ)		- 	+++	+ + + + + + +	+++	60 50	0 60 63 63 62	63 63 63 63 63	60 60 62 62 6	80 80 80 81	60 60 60 60	59 60 60	60 60 60 60 6	6 60 56 54 50 44	49 50 50 50	50 50 50 50 49	43 48	- 		 				+++
1																												

MSR: PC - Pac Cty Town 3
Semantic: Misgand
Figure Cty Town 3
Semantic: Figure Cty Town 3
Figure Cty T Floor mPD: 29 m

		Work [1]					2028			2029		2030			2031			2032			2033		2034			2035		2036	
		Zone	Dist ^[2]	Building	Start End	Jan Feb Mar Apr	May Jun Jul Aug Se	p Oct Nov Dec J	an Feb Mar Apr May	Jun Jul Aug Sep	Oct Nov Dec Jan Feb M	ar Apr May Jun Jul	Aug Sep Oct Nov Dec	Jan Feb Mar Apr M	May Jun Jul	Aug Sep Oct Nov	Dec Jan Feb Mar	r Apr May Jun Jul A	iug Sep Oct Nov Dec Ja	n Feb Mar Apr May	Jun Jul Aug Sep Oct	Nov Dec Jan Feb Mar	Apr May Jun Jul Aug	Sep Oct Nov Dec J	an Feb Mar Apr May J	un Jul Aug Sep Oct	Nov Dec Jan Feb Mar	Apr May Jun Jul Aug	g Sep Oct Nov Dec
Groups of PME	Construction Activity	No.	SWL (m) SPI	Screening	Month Month	1 2 3 4	5 6 7 8 9	10 11 12	13 14 15 16 17	18 19 20 21	22 23 24 25 26 2	7 28 29 30 31	32 33 34 35 36	37 38 39 40 4	41 42 43	44 45 46 47	48 49 50 51	52 53 54 55	56 57 58 59 60 61	62 63 64 65	66 67 68 69 70	71 72 73 74 75	76 77 78 79 80	81 82 83 84 8	15 86 87 88 89	90 91 92 93 94	95 96 97 98 99	100 101 102 103 104	4 105 106 107 108
	(A) Work Zone at Tai Chung Road Interchange Works Area 1							 	 	- 					+			 											
1	(A1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works	Works Area 1	102 184 5	51	25 25					\Box	51																		
2	(A2) Utilities Protection and Diversion Works (A3) Construction of Bridge Structure for Slip Road E	Works Area 1	99 184 4	19	26 26			 	 	- 	49				+			 											
4	(A3.1) Piling Works	PW-1	102 174 5	52	27 36						5	2 52 52 52 52	52 52 52 52 52																
5	(A3.2) Pile Caps and Piers (A3.3) Bridge Deck	PW-1 Work Zone 1A	102 174 5	32	29 38 39 48			 	 	- 		52 52 52	52 52 52 52 52	52 52 53 53 5	53 53 53	53 53 53 53	53	 		 									
9	(A3.3) Bridge Deck (A3.4) Modification of Existing Bridge Structure of Tsuen Wan Road for Connection	Work Zone 1A	101 182 5	51	49 54			-		\rightarrow							51 51 51	51 51 51											
7 8	(A3.5) Roadworks, Drainage & Utilities (A3.6) Payement	Works Area 1 Works Area 1	96 184 4 100 184 5	16 50	55 56 57 57	-	 	 	 	- 		++++			+	 		46	46	 		- 							
	(A4) Improvement at Hoi Hing Road / Hoi On Road Junction			~	3, 1 3,														~										
7	(A4.1) Roadworks, Drainage & Utilities (A4.2) Payement	Works Area 1 Works Area 1	96 184 4	16	58 59		++++	++++		-				$\overline{}$	+		-		46 46	+++		+++		$\overline{}$	+	-	++++		
°	(B) Work Zone between Tai Ho Road and Tsuen Tsing Interchange	WORG AND I	100 184 5	~															50										
	Works Area 2							\perp		-					\perp														
1 2	(B1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works (B2) Utilities Protection and Diversion Works	Works Area 2 Works Area 2	102 29 6 99 29 6	57 -10 55 -10	25 25 26 26			 	 	- 	57				+			 											
	(B3) Construction of Bridge Structure for Additional Lane above Tsuen Wan Park																												
4	(B3.1) Piling Works (B3.2) Pile Caps and Piers	PW-2 PW-2	102 65 6	31 -10	27 47		++++	-	+	-	5	1 51 51 51 51	51 51 51 51 51	51 51 51 51 5	51 51 51	51 51 51 51	51 51	\cdots		+++	$\overline{}$	+	-		+	++++	-		+
6	(B3.3) Bridge Deck	Works Area 2	103 29 6	99 -10	50 58				+			51 51 51	31 31 31 31 31	5. 5. 5. 5.	31 31 31	31 31 31 31	59 59	59 59 59 59	59 59 59										
9	(B3.4) Modification of Existing Bridge Structure of Tsuen Wan Road for Connection	Work Zone 2A Works Area 2	101 -	-10	51 59			$\overline{}$	$\overline{}$	$\overline{}$					$\overline{}$			$\overline{}$											
8	(B3.5) Roadworks, Drainage & Utilities (B3.6) Payement	Works Area 2 Works Area 2	100 29 6	6 -10	62 62		+++			-					-	-	-		52 5	56	$\overline{}$	+				+	-		+++
	(B4) Construction of Cantilever Noise Barrier, Vertical Barrier and Noise Semi-enclosure		1												\perp														
4 5	(B4.1) Piling Works (B4.2) Pile Caps and Piers	PW-2-NMM PW-2-NMM	102 59 6	2 -10	27 50	+++	++++	+++	++++	++++		2 52 52 52 52	52 52 52 52 52	52 52 52 52 5	52 52 52 50 50 50	52 52 52 52	52 52 52	59	++++	+++	+++++	+++	++++	++++	++++	++++	++++	+++	+++
11	(B4.3) Erection of Noise Barrier Frame and Panels	Work Zone 2B	104 88 6	90 -10	53 62					\bot								50 50 50	50 50 50 50 50 50	50									
	(BS) Construction of Bridge Structure for New Downramp from Tsuen Wan Road (KinB) to TTI (BS.1) Piling Works	PW-2A	102	-10	27 20	++-	+++	+++	+++	\rightarrow	+++	+++	++++	+++	+	++-	+	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++
5	(B5.2) Pile Caps and Piers	PW-2A	102 -	-10	29 35																								
6	(B5.3) Bridge Deck	Works Area 2	103 29 6	99 -10	36 47					\Box			59	59 59 59 59 5	59 59 59	59 59 59 59													
9	(B5.4) Modification of Existing Bridge Structure of Tsuen Wan Road for Connection (B5.5) Demolition of Existing Downramp	Work Zone 2C Work Zone 2D	101 -	-10	48 53 54 59			 	- 	- 		 						 		 									
7	(B5.6) Roadworks, Drainage & Utilities	Work Zone 2D	96 -	-10	60 61																								
8	(BS.7) Pavement (B6) Modification of At-grade Roads	Work Zone 2D	100 -	-10	62 62		+++	+						-	+	-		 		+++	+++++			$\overline{}$		+	++++		
7	(B6.1) Roadworks, Drainage & Utilities	Works Area 2	96 29 6	32 -10	27 28						5	2 52																	
8	(B6.2) Pavement (C) Work Zone between Tsuen Tsing Interchange and Kwai Tsing Interchange	Works Area 2	100 29 6	96 -10	29 29	-	$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$	56	$\overline{}$		$\overline{}$	$\overline{}$	$\overline{}$	\cdots	$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$		$\overline{}$	$\overline{}$	$\overline{}$			
	Works Area 3						 	 	- 	- 		 						 		 					 				
1	(C1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works	Works Area 3	102 -	-10	1 1			-	$\overline{}$	$\overline{}$	$\overline{}$				\perp		-	$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$	\perp			$\overline{}$	-	$\overline{}$		-
14	(C2) Utilities Protection and Diversion Works (C3) Retaining Structures for At-grade Roadworks	Works Area 3 Work Zone 3A	104	-10	3 26				- 	- 								 											
3	(C4) Slopeworks	Work Zone 3B	105 -	-10	27 41																								
12	(CS) Modification of Kwai Hei Street Underpass (HyD Structure No. N521) (CS) Modification of Kwai Hei Street Footbridge (HyD Structure No. NF185)	Work Zone 3C Work Zone 3D	105 -	-10	1 12		-			- 					+	-	-								+				
7	(C7) Roadworks, Drainage & Utilities	Works Area 3	96 -	-10	46 47																								
8	(C8) Pavement (D) Work Zone between Kwai Tsing Interchange and Container Port Road	Works Area 3	100 -	-10	48 48	-	-	\cdots	+	$\overline{}$	$\overline{}$		-	-	$\overline{}$	-	-	\cdots	-	\cdots	\cdots	-		-		-	-	-	-
	Works Area 4							 		- 								 								++++	++++		+++
1	(D1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works	Works Area 4	102 -	-10	13 13										\blacksquare														
14	(D2) Utilities Protection and Diversion Works (D3) Retaining Structures for At-grade Roadworks	Works Area 4 Work Zone 4A	104 -	-10	15 27				 	- 														 					
3	(D4) Signeworks	Work Zone 4B	105 -	-10	28 39																								
1	(DS) Construction of Bridge Structure for Tsuen Wan Road (TMB) Upramp (DS.1) Site Clearance at Existing Kwai Shun Street Cooked Food Market	Work Zone 4C	102	.10	13 13	 		 	 	- 		 			- - 		- - - - - - - - - - 	 		 									
4	(D5.2) Piling Works	PW-4A	102 -	-10	14 20																								
5	(DS.3) Pile Caps and Piers (DS.4) Bridge Deck to widen Ramp F	PW-4A Work Zone 4D	102 -	-10	16 22	-		+		-					+		-												
10	(D5.5) Demolition of Existing Downramp (Part 1)	Work Zone 4E	101 -	-10	28 30										-							-							
6	(DS.6) Construction of New Downramp (DS.7) Demolition of Existing Downramp (Part 2)	Work Zone 4F Work Zone 4G	103 -	-10	31 33		-	$\overline{}$		-					-			\cdots		$\overline{}$	$\overline{}$	-		-	-	-	-	-	
7	(D5.8) Roadworks, Drainage & Utilities	Work Zone 4H	96 -	-10	37 38		 	 	 	- 	 	 	 		- - 			 		 		- 		 	- 	 	 		
8	(D5.9) Pavement (D6) Construction of Bridge Structure for Additional Lane at Tsuen Wan Road (TMB)	Work Zone 4H	100 -	-10	39 39				\perp	-															$\perp \perp \perp \perp$	\perp	\perp		
4	(D6.1) Pilion Works	PW-4	102 -	-10	40 46		 	 	 	- 		+ + + +	 	 	+	 	 	 		 	 		 	 	 	 			+++
5	(D6.2) Pile Caps and Piers	PW-4	102 -	-10	47 53					\Box																			
6 7	(D6.3) Bridge Deck (D6.4) Roadworks, Drainage & Utilities	Work Zone 4I Work Zone 4I	103 -	-10 -10	54 59 60 61			 	 	- 					+			 											
8	(D6.5) Pavement	Work Zone 4I	100 -	-10	62 62																								
1	(E) Work Zone along Widened Tsuen Wan Road for Relocation of Central Median (E) Work Zone along Widened Tsuen Wan Road for Relocation of Central Median					+++	++++	+++	++++		++++	++++	+++++		+	+++	+++	++++	++++	+++	+++++	+++	++++	++++	++++	++++	++++	+++	+++
16	(E1) Dismantling Existing Parapet and Installation of New Profile Barrier	Work Zone 5A	103 39 6	96 -10	63 69					\Box					\perp			\Box		56 56 56	56 56 56 56								
7 8	(E2) Roadworks (E3) Pavement	Works Area 5 Works Area 5	96 39 5	59 -10	70 71		++++	+++	++++	$\overline{}$	++++	+++	$\overline{}$	-	+	-	-	\cdots	++++	+++	49	49	\cdots	$\overline{}$	+	+	$\overline{}$	-	+
۰	(F) Work Zone between Tsuen Tsing Interchange and Tsing Tsuen Road	WORLD MINE S	100 39 6	-10	/2 /2			 	- 						-			 								+			
	Works Area 6 (F1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works							$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$				$\overline{}$			$\overline{}$		$\overline{}$									
1 2	(F2) Utilities Protection and Diversion Works	Works Area 6 Works Area 6	99 -	-10	62 62		 	 	 	- 	++++		 	 	+	+++		 		 	 		 	 	 	 			+++
	(F3) Construction of Bridge Structure for Slip Road C									\neg	$\overline{}$				\perp			$\overline{}$				\bot			\Box	\blacksquare	\bot		
17	(F3.1) Modification of Tsuen Tsing Interchange Roundabout from 3-lane to 2-lane (F3.2) Removal of Existing Noise Barrier along Tsing Tsuen Road	Work Zone 6A Work Zone 6B	97 .	-10	63 63		 	 	 	- 		 	 	 	+	 		 		 	 	- 	 						
4	(F3.3) Piling Works	Piling Work Area 6	102 -	-10	64 83					\Box					\perp			\Box											
5	(F3.4) Pile Caps ad Piers (F3.5) Bridge Deck	Piling Work Area 6 Works Area 6	102 -	-10	66 86 97 90	++-	+++	+++	+	+	++++	+++	+++	-	+	++-	+	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++
14	(F3.6) Retaining Structures for At-grade Roads	Work Zone 6C	104 -	-10	73 78																\Box								
3	(F3.7) Slopeworks	Work Zone 6D Work Zone 6B	105 -	-10	79 84	-	\Box	+	+	-	+	++++	$\overline{}$		$+\Box$			+	+	++	$\overline{}$	++	$\overline{}$		+	+	++	+	+
7	(F3.8) Erection of Noise Barriers Frame and Panels (F3.9) Roadworks, Drainage & Utitities	Work Zone 6B Works Area 6	96 -	-10	100 105	+++	 	 	 	- 		++++	 	 	+	+++		 		 	 		 	 	 	 	 		+++
8	(F3.10) Pavement	Works Area 6	100 -	-10	108 108			\Box		\rightarrow	\bot		\Box		\bot			\Box				\bot			\Box	\bot	\bot		
						+++		++++	 	- 		++++	 		+	+++		 		+++	 				 				+++
		Overall Nois	se Level, Leq (30min), dB	B(A)							58 56 5	8 58 61 59 59	50 50 50 50 62	62 62 62 62 6	8 8 8	62 62 62 62	58 57 61 60	60 60 60 60	60 60 60 51 55 5	57 56 56 56	56 56 56 56 49	49 54	 						-

NS8: OFI - Ozen Prids Tower 7 ▼
Scenario: Mitigated Scenario

Mitigated Scenario

Scenario: Mitigated Scenario

Representative Roor: UF Floor mPD: 30 m

		Work [1]				2028		2	129	1	2030		20.	31		2032		2033		2034		2035			2036	
		70ne	Dist ^[2]	Building Start F	Fort Jan Feb I	Mar Apr May Jun Ju	Aug Sep Oct Nov Dec Jan	Feb Mar Apr May Jur	Jul Aug Sep Oct Nov De	c Jan Feb Mar Apr Ma	Jun Jul Aug Sep Oct	Nov Dec Jan Feb M	Mar Apr May Jun	Jul Aug Sep Oct Nov	Dec Jan Feb Mar Apr May	Jun Jul Aug Sep Oct	Nov Dec Jan Feb Mar Apr I	fay Jun Jul Aug Sep Oct	lov Dec Jan Feb Mar Apr	Aay Jun Jul Aug Sep Oct	Nov Dec Jan Feb Mar	Apr May Jun Jul Aug Sep Oc	t Nov Dec Jan Feb Mar	Apr May Ju	an Jul Aug Sep (ct Nov Dec
Groups of PME	Construction Activity	No.	SWL (m) SPL*	Screening Month M	forth 1 2	3 4 5 6 7	8 9 10 11 12 13	14 15 16 17 18	19 20 21 22 23 2	4 25 26 27 28 29	30 31 32 33 34	35 36 37 38 3	39 40 41 42	43 44 45 46 47	48 49 50 51 52 53	54 55 56 57 58	59 60 61 62 63 64	65 66 67 68 69 70	71 72 73 74 75 76	77 78 79 80 81 82	83 84 85 86 87	88 89 90 91 92 93 94	95 96 97 98 99	100 101 10	/2 103 104 105 1	6 107 108
	(A) Work Zone at Tai Chung Road Interchange Works Area 1				 		 	 					-											\vdash	++++	+
1	(A1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works	Works Area 1 Works Area 1	102 28 68	25	25					68																\blacksquare
2	(A2) Utilities Protection and Diversion Works (A3) Construction of Bridge Structure for Slip Road E		99 28 65	26	26		 			65										 					+++	+
4	(A3.1) Piling Works	PW-1	102 27 68	27	36					68 68 68	68 68 68 68	68 68														\blacksquare
5	(A3.2) Pile Caps and Piers (A3.3) Bridge Deck	PW-1 Work Zone 1A	102 27 68	29	38 48		 	 		68	68 68 68 68 68	68 68 68 68	69 69 69 69	60 60 60 60 60	69										+	+
9	(A3.4) Modification of Existing Bridge Structure of Tsuen Wan Road for Connection	Work Zone 1A Works Area 1	101 28 67	49	54										67 67 67 67 67	67										##
8	(A3.5) Roadworks, Drainage & Utilities (A3.6) Pavement	Works Area 1	100 28 62	57	57		 	 								62 62				 				++	+	+
7	(A4) Improvement at Hoi Hing Road / Hoi On Road Junction	Works Area 1			_ ===																					##
8	(A4.1) Roadworks, Drainage & Utilities (A4.2) Pavement	Works Area 1	96 28 62 100 28 67	60	60								-			62	67							-	+	+
_	(B) Work Zone between Tai Ho Road and Tsuen Tsing Interchange			"																						\pm
	Works Area 2 (B1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works	Works Area 2	102 150 53	26	36 H	+	+++++			53			-				+++++				-	+++++	+	-	+++	+
2	(B2) Utilities Protection and Diversion Works	Works Area 2	99 150 51	26	26					51																\pm
	(B3) Construction of Bridge Structure for Additional Lane above Tsuen Wan Park (B3.1) Piling Works	PW-2	102 249 49	27	a	+++		+		49 49 49	49 49 49 49	49 49 49 49	49 49 49	49 49 49 49			$\overline{}$					-		\vdash	++++	+
5	(B3.2) Pile Caps and Piers	PW-2	102 248 49 102 248 49	29	49					45	49 49 49 49 49	49 49 49 49 4	49 49 49 49	49 49 49 49 49	49 49											
6	(B3.3) Bridge Deck (B3.4) Modification of Existing Bridge Structure of Tsuen Wan Road for Connection	Works Area 2 Work Zone 2A	103 150 55	50	58	$\overline{}$			$\overline{}$			$\overline{}$	-		55 55 55 55	55 55 55 55	$\overline{}$					-		-	+++	+
7	(B3.5) Roadworks, Drainage & Utilities	Works Area 2	96 150 47	60	61												47 47									
8	(B3.6) Pavement (B4) Construction of Cantilever Noise Barrier, Vertical Barrier and Noise Semi-enclosure	Works Area 2	100 150 52	62	62	+		\perp		+			$-\Box$			\Box	52			+				\Box	$+\Pi\Pi$	$+\Box$
4	(B4.1) Piling Works	PW-2-NMM	102 248 49	27	50	+				49 49 46	49 49 49 49 49	49 49 49 49 4	49 49 49 49	49 49 49 49 49	49 49 49									\vdash	+++	+
5	(B4.2) Pile Caps and Piers	PW-2-NMM	102 248 49 102 248 49	29	52					45	49 49 49 49 49	49 49 49 49 4	49 49 49 49	49 49 49 49 49	49 49 49 49 49	m m m m	50 50 50 50								\pm	\blacksquare
11	(B4.3) Erection of Noise Barrier Frame and Panels (B5) Construction of Bridge Structure for New Downramp from Tsuen Wan Road (KinB) to TTI	Work Zone 2B	104 2/0 50	53	94	 	 	- 	 	 	 	 	- 		1 1 50	50 50 50 50 50	50 50 50 50				 			\vdash	+++	+
4	(BS.1) Piling Works	PW-2A PW-2A	102 -	27	33																				\bot	\blacksquare
5	(BS.2) Pile Caps and Piers (BS.3) Bridge Deck	PW-2A Works Area 2	102 -	29	35	 		 		 		55 55 55 6	55 55 55 55	55 55 55 55 55		 								-	+++	+
9	(B5.4) Modification of Existing Bridge Structure of Tsuen Wan Road for Connection	Work Zone 2C	101 -	48	53																					
10	(B5.5) Demoltion of Existing Downramp (B5.6) Roadworks, Drainage & Utilities	Work Zone 2D Work Zone 2D	101 -	54 60	59 61	+++						$\overline{}$	-											\vdash	++++	+
8	(BS.7) Payement	Work Zone 2D	100 -	62	62																					
7	(B6) Modification of At-grade Roads (B6.1) Roadworks, Drainage & Utilities	Works Area 2	96 150 47	27	₂₀	+			+++++	0.0	-	$\overline{}$	-									-		\vdash	++++	+
8	(B6.2) Pavement	Works Area 2	100 150 52	29	29					52																
	(C) Work Zone between Tsuen Tsing Interchange and Kwai Tsing Interchange Works Area 3					$\overline{}$	\cdots	$\overline{}$	\cdots			$\overline{}$	-			$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$			$\overline{}$			+++	$\pm \pm $
1	(C1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works	Works Area 3	102 -	1	,								-					+	+	+					+	+
2	(C2) Utilities Protection and Diversion Works	Works Area 3	99 -	2	2								-												\bot	\blacksquare
14	(C3) Retaining Structures for At-grade Roadworks (C4) Slopeworks	Work Zone 3A Work Zone 3B	104 -	27	41	+	 	-					-							++++			++++		+++	+
12	(CS) Modification of Kwai Hei Street Underpass (HyD Structure No. N521)	Work Zone 3C	105 -	1	12																					##
13	(C6) Modification of Kwai Hei Street Footbridge (HyD Structure No. NF185) (C7) Roadworks, Drainage & Utilities	Work Zone 3D Works Area 3	105 -	1 46	12 47		 	 				 													+	+
8	(C8) Pavement	Works Area 3	100 -	48	48																					
	(D) Work Zone between Kwai Tsing Interchange and Container Port Road Works Area 4				-	 	 	 		 		 												\vdash	+++	+
1	(D1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works	Works Area 4	102 -	13	13																					##
14	(D2) Utilities Protection and Diversion Works (D3) Retaining Structures for At-grade Roadworks	Works Area 4 Work Zone 4A	104 -	14	14 27		 	 		 														\vdash	+++	+++
3	(D4) Signeworks	Work Zone 4B	105 -	28	39																				\pm	##
1	(DS) Construction of Bridge Structure for Tsuen Wan Road (TMB) Upramp (DS.1) Sike Clearance at Existing Kwai Shun Street Cooked Food Market	Work Zone 4C	102 -	13	13		 	 																\vdash	++++	+++
4	(D5.2) Piling Works	PW-4A	102 -	14	20																				\bot	\blacksquare
5	(DS.3) Pile Caps and Piers (DS.4) Bridge Deck to widen Ramp F	PW-4A Work Zone 4D	102 -	16	22 27		 	 																\vdash	++++	+
10	(D5.5) Demolition of Existing Downramp (Part 1)	Work Zone 4E	101 -	28	30																					
6	(D5.6) Construction of New Downramp (D5.7) Demolition of Existing Downramp (Part 2)	Work Zone 4F Work Zone 4G	103 -	31	33			 		+ + + + + + + + + + + + + + + + + + + 											-			-	++++	+
7	(D5.8) Roadworks, Drainage & Utilities	Work Zone 4H	96 -	37	38																				\rightarrow	\Box
8	(DS.9) Pavement (DS) Construction of Bridge Structure for Additional Lane at Tsuen Wan Road (TMB)	Work Zone 4H	100 -	39	39	++++	 	 	 	 	 	 			 	 	- 	 	 	 	 		 	++	++++	+++
4	(D6.1) Piling Works	PW-4	102 -	40	46			\bot					\perp												\bot	\Box
5	(D6.2) Pile Caps and Piers (D6.3) Bridge Deck	PW-4 Work Zone 4I	102 -	47 54	59	++++	 	 	 	 	 	 			 	 		 	 	++++	 			++	++++	+
7	(D6.4) Roadworks, Drainage & Utilities	Work Zone 4I	96 -	60	61			\bot					\perp			\Box		\bot	\bot	\bot					\bot	\Box
8	(D6.5) Pavement (E) Work Zone along Widened Tsuen Wan Road for Relocation of Central Median	Work Zone 4I	100 -	62	62	++++	 	+++	 	++++	 	++++			 	 		 	 	++++	 		 	\vdash	++++	+++
	(E) Work Zone along Widened Tsuen Wan Road for Relocation of Central Median	Work Zone 54	111					+					\perp			\Box			+++++						\bot	\pm
16 7	(E1) Dismantling Existing Parapet and Installation of New Profile Barrier (E2) Roadworks	Work Zone 5A Works Area 5	103 180 53 96 172 46	63 70	71	++++	 	 	 	 	 	 	- 		 	 	53 53	53 53 53 53 46	46	- 	 	- 	 	++	++++	+++
8	(E3) Payement	Works Area 5	100 172 51	72	72														51						\pm	\blacksquare
1	(F) Work Zone between Tsuen Tsing Interchange and Tsing Tsuen Road Works Area 6		\perp			++++	 	 	 	 	 	 	- 		 	 	- 	 	 	 	 		 	++	++++	+++
1	(F1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works	Works Area 6	102 -	61	61								\Box												+	毋
2	(F2) Utilities Protection and Diversion Works (F3) Construction of Bridge Structure for Slip Road C	Works Area 6	99 -	62	62	+++	 	+++	 	++++	++++	++++	+		 	++++		 	 	++++	++++		++++	++	+++	+++
17	(F3.1) Modification of Tsuen Tsing Interchange Roundabout from 3-lane to 2-lane	Work Zone 6A	82 -	63	63																					
15 4	(F3.2) Removal of Existing Noise Barrier along Tsing Tsuen Road (F3.3) Piling Works	Work Zone 6B Piling Work Area 6	97 -	63	63	+++		++++	+++++	++++		++++	+			+++++		++++	++++	++++			++++	++	++++	+++
5	(F3.4) Pile Caps ad Piers	Piling Work Area 6	102 -	66	86																					
6	(F3.5) Bridge Deck (F3.6) Retaining Structures for At-grade Roads	Works Area 6 Work Zone 6C	103 -	87	99	++7	++++++++++++++++++++++++++++++++++++	+++-	++++++++++++++++++++++++++++++++++++	++	++++++		$+\Box$	++		++++++++++++++++++++++++++++++++++++	++++++++++++++++++++++++++++++++++++	+++	+++	++		++++++++++++++++++++++++++++++++++++	+++++	\vdash	++++	$+\Box$
3	(F3.7) Slopeworks	Work Zone 6D	105 -	73	84																				\pm	
11	(F3.8) Erection of Noise Barriers Frame and Panels	Work Zone 6B	104 -	100 1	105																				+	玾
8	(F3.9) Roadworks, Drainage & Utitities (F3.10) Pavement	Works Area 6 Works Area 6	100 -	106 1	108	+++	 	- 	 	 	 	 	- 	 	 	 		 	 	- 			 	++	+++	+
1			\perp																						+	$+$ \square
—	1	Overall Noise	e Level, Leq (30min), dB(A	9	+++		 	- 	 	68 65 68 68 7	71 71 71 71 71	71 72 69 69 3	70 70 70 70	70 70 70 70 70	70 67 67 67 67 67	67 63 63 67 63	62 67 52 54 53 53	53 53 53 53 53 46	46 51		 		 	++	++++	+
Remarks:																										

Remarks.

11 The Works Area with length to width ratio exceeding 5:1 is divided into Subaneas.

12 Works area which are completely out of 300m assessment area from the NSR is not considered in the assessment.

33 Includes a +3 dB(A) Facable Correction.

14 For the calculation of sound pressure levels (SPL), the PMEs are assumed to be placed at the notional source position according to the "Technical Idenorancium on Notice from Construction Work other than Percussive Piling" by EPD.

		Work [1]				2028		2029		2030		2031		2032		2033		2034		2035		2036	
		7nne	Dist ⁽²⁾	Building Start	Fort Jan Feb Mar	pr May Jun Jul Aug Sep Oct No	Dec Jan Feb Mar	pr May Jun Jul Aug Sep Oct	Nov Dec Jan Feb Mar Apr	May Jun Jul Aug Sep	Oct Nov Dec Jan Feb	Mar Apr May Jun Jul	Aug Sep Oct Nov Dec Ju	in Feb Mar Apr May Jun Jul	Aug Sep Oct Nov Dec Jan Fei	b Mar Apr May Jun Jul Aug S	ep Oct Nov Dec Jan Feb I	Mar Apr May Jun Jul Aug So	p Oct Nov Dec Jan Feb Mar	Apr May Jun Jul Aug Sep C	et Nov Dec Jan Feb Mar	Apr May Jun Jul Aug Sep	Oct Nov Dec
Groups of PME	Construction Activity	No.	SWL (m)	SPL ¹⁴ Screening Mont	h Month 1 2 3	5 6 7 8 9 10 11	12 13 14 15	16 17 18 19 20 21 22	23 24 25 26 27 28	29 30 31 32 33	34 35 36 37 38	39 40 41 42 43	44 45 46 47 48 4	9 50 51 52 53 54 55	56 57 58 59 60 61 60	8 63 64 65 66 67 68	9 70 71 72 73 74	75 76 77 78 79 80 8	1 82 83 84 85 86 87	88 89 90 91 92 93 1	14 95 96 97 98 99	100 101 102 103 104 105	106 107 108
	(A) Work Zone at Tai Chung Road Interchange																+						-
1	Works Area 1 (A1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works	Works Area 1	102 200	51 25	25		 		51								++++						++
2	(A2) Utilities Protection and Diversion Works	Works Area 1	99 200	48 26	26				48														
	(A3) Construction of Bridge Structure for Slip Road E (A3.1) Piling Works	PW-1	400 400		1 					0 0 0 0 0	0 0 0												+++
5	(A3.2) Pile Caps and Piers	PW-1	102 190	52 29	38		 		31 31	52 52 52 52 52	52 52 52 52 52												$\overline{}$
6	(A3.3) Bridge Deck	Work Zone 1A	103 199	52 39	48							52 52 52 52 52	52 52 52 52 52										
9 7	(A3.4) Modification of Existing Bridge Structure of Tsuen Wan Road for Connection (A3.5) Roadworks, Drainage & Utilities	Work Zone 1A Works Area 1	101 199	50 49	54								5	0 50 50 50 50 50	AE .								+
8	(A3.5) Payement	Works Area 1	100 200	49 57	57										49								-
	(A4) Improvement at Hoi Hing Road / Hoi On Road Junction		' '																				
7	(A4.1) Roadworks, Drainage & Utilities (A4.2) Pavement	Works Area 1 Works Area 1	100 200	45 58	59	+++++	 	++++							45 45	+++++							+
•	(B) Work Zone between Tai Ho Road and Tsuen Tsing Interchange	WORS AND I	100 200	49 60	°		 										 						-
	Works Area 2																						
1	(B1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works (B2) Utilities Protection and Diversion Works	Works Area 2 Works Area 2	102 35	66 25	25		\cdots	++++++++++++++++++++++++++++++++++++	66	$\overline{}$	+++	-	-			++++++++++++++++++++++++++++++++++++	+++++			\cdots	+		+
	(B3) Construction of Bridge Structure for Additional Lane above Tsuen Wan Park	World Alex 2	29 35	63 26	1 ²⁰		 																-
4	(B3.1) Piling Works	PW-2	102 43	64 27	47				64 64	64 64 64 64 64	64 64 64 64 64	64 64 64 64 64	64 64 64 64										
5	(B3.2) Pile Caps and Piers (B3.3) Bridge Deck	PW-2 Works Area 2	102 43	64 29	49		\cdots		-	64 64 64 64	64 64 64 64	64 64 64 64 64	64 64 64 64 6	4			+++++			\cdots	+		+
9	(B3.4) Modification of Existing Bridge Structure of Tsuen Wan Road for Connection	Work Zone 2A	101 -	51										50 50 50 50 50 50	50 50 50								-
7	(B3.5) Roadworks, Drainage & Utilities	Works Area 2	96 35	60 60											60 60								
8	(B3.6) Pavement (B4) Construction of Cantilever Noise Barrier, Vertical Barrier and Noise Semi-enclosure	Works Area 2	100 35	65 62	62	+ + + + + + + +	 			 		 	++++	 	 	+ + + + + + +			+ + + + + + + + + + + + + + + + + + + 	 	 		+++
4	(B4.1) Piling Works	PW-2-NMM	102 35	66 27	50				66 66	66 66 66 66	66 66 66 66	66 66 66 66	66 66 66 66 6	6 66		 	 						$\overline{}$
5	(B4.2) Pile Caps and Piers	PW-2-NMM	102 35	66 29	52					66 66 66 66	66 66 66 66	66 66 66 66	66 66 66 66 6	6 66 66 66									\blacksquare
11	(B4.3) Erection of Noise Barrier Frame and Panels (B5) Construction of Bridge Structure for New Downramp from Tsuen Wan Road (KinB) to TTI	Work Zone 2B	104 64	63 53	62	++++++	+++	 	++++	++++	+++	++++	++++	63 63 63	63 63 63 63 63 63	' 	++++	 	++++	++++++	++++	+++	+++
4	(BS.1) Piling Works	PW-2A	102 -	27	33			 						 		 	 	 	 		 		$\overline{}$
5	(B5.2) Pile Caps and Piers	PW-2A	102 -	29																			
6	(B5.3) Bridge Deck (B5.4) Modification of Existing Bridge Structure of Tsuen Wan Road for Connection	Works Area 2 Work Zone 2C	103 35	68 36	47				++++	+++++	68 68 68	68 68 68 68	68 68 68 68	 		++++	+++++	 	++++	 	+++++		+
10	(B5.5) Demolition of Existing Downramp	Work Zone 2D	101 -	54	59	+ + + + + + + + + + + + + + + + + + + 	 			 										 			$\overline{}$
7	(BS.6) Roadworks, Drainage & Utilities	Work Zone 2D	96 -	60	61																		
8	(BS.7) Pavement (B6) Modification of At-grade Roads	Work Zone 2D	100 -	62	62		++++				-	-	\cdots				+				+		+
7	(B6.1) Roadworks, Drainage & Utilities	Works Area 2	96 35	60 27	28		 		60 60								 				+		-
8	(B6.2) Pavement	Works Area 2	100 35	65 29	29					65													$\overline{}$
	(C) Work Zone between Tsuen Tsing Interchange and Kwai Tsing Interchange Works Area 3				1 1 1 1 1		++++			$\overline{}$	-												+
1	(C1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works	Works Area 3	102 -	1							-						 				+	++++	-
2	(C2) Utilities Protection and Diversion Works	Works Area 3	99 -	2	2																		
14	(C3) Retaining Structures for At-grade Roadworks (C4) Slopeworks	Work Zone 3A Work Zone 3B	104 -	3	26		-			-	-												+
12	(C5) Modification of Kwai Hei Street Underpass (HyD Structure No. N521)	Work Zone 3C	105 -	1	12																		$\overline{}$
13	(C6) Modification of Kwai Hei Street Footbridge (HyD Structure No. NF185)	Work Zone 3D	105 -	1	12																		
7	(C7) Roadworks, Drainage & Utilities (C8) Pavement	Works Area 3 Works Area 3	96 -	46	47		\cdots	+		$\overline{}$	-		-				+	+	+		+		+++
	(D) Work Zone between Kwai Tsing Interchange and Container Port Road	WORLD AND S	100	"	1 ~ 	<u> </u>	 																$\overline{}$
	Works Area 4																						
1 2	(D1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works (D2) Utilities Protection and Diversion Works	Works Area 4 Works Area 4	102 -	13	13		 														+		+
14	(D3) Retaining Structures for At-grade Roadworks	Work Zone 4A	104 -	15	27																		
3	(D4) Slopeworks (D5) Construction of Bridge Structure for Tsuen Wan Road (TMB) Upramp	Work Zone 4B	105 -	28	39																		
1	(DS) Construction of Bridge Structure for Islaen Wan Road (TMB) Opramp (DS.1) Site Clearance at Existing Kwai Shun Street Cooked Food Market	Work Zone 4C	102 -	13	13		 							 			+++++						-
4	(D5.2) Piling Works	PW-4A	102 -	14	20																		
5	(D5.3) Pile Caps and Piers (D5.4) Bridge Deck to widen Ramp F	PW-4A Work Zone 4D	102 -	16	22		\cdots			\cdots	-										+		+
10	(D5.4) Bridge Deck to widen Namp F (D5.5) Demolition of Existing Downramp (Part 1)	Work Zone 4D Work Zone 4E	103 -	23 28	30												++++						$\overline{}$
6	(D5.6) Construction of New Downramp	Work Zone 4F	103 -	31	33																		
10	(DS.7) Demoition of Existing Downramp (Part 2) (DS.8) Roadworks, Drainage & Utilities	Work Zone 4G Work Zone 4H	101 -	34	36																		+++
8	(D5.9) Payement	Work Zone 4H	100 -	39	39	 										 	 						$\overline{}$
1	(D6) Construction of Bridge Structure for Additional Lane at Tsuen Wan Road (TMB)	PW-4	11						\perp TTT								\perp				\perp	\bot	$+\Box$
5	(D6.1) Piling Works (D6.2) Pile Caps and Piers	PW-4 PW-4	102 -	40	53	 	 			 	- 	 		 	 	 	 	 	 	 	 		-
6	(D6.3) Bridge Deck	Work Zone 4I	103 -	54	59																		
7	(D6.4) Roadworks, Drainage & Utilities (D6.5) Pavement	Work Zone 4I Work Zone 4I	96 -	60	61				++++	$\overline{\Box}$	+	+++	+	++++		 	+++	+	++++	$\overline{\Box}$			+
8	(E) Work Zone along Widened Tsuen Wan Road for Relocation of Central Median	wurk Zone 4I	100	62		 			- 	 		 	++++	 		 	 	 	 	 	+ + + + + + + + + + + + + + + + + + + 		-
	(E) Work Zone along Widened Tsuen Wan Road for Relocation of Central Median																						
16	(E1) Dismantling Existing Parapet and Installation of New Profile Barrier (E2) Roadworks	Work Zone 5A Works Area 5	103 34	68 63	69	+++++	\Box	+	+	\Box	+	\Box	\Box	+		68 68 68 68 68	8 62 62	+	+	++++++++++++++++++++++++++++++++++++	+	+++	+
8	(E3) Pavement	Works Area 5 Works Area 5	100 27	67 79	72	 	 			 	- 	 	 	 		 	54 54 67	 	 	 	 		$\overline{}$
	(F) Work Zone between Tsuen Tsing Interchange and Tsing Tsuen Road			"																			
	Works Area 6 (F1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works	Works Area 6	1 400		$I \sim I + I + I + I + I + I + I + I + I + $	+++++	$\overline{}$		+++	+++	+++	+++	++++	+++++		 	++++	+	++++-	++++++	++++	+++	++
2	(F2) Utilities Protection and Diversion Works	Works Area 6	99 -	62	62		 	 		 	- 	 		 	 	 	 	 	 		 		$\overline{}$
	(F3) Construction of Bridge Structure for Slip Road C																						\blacksquare
17	(F3.1) Modification of Tsuen Tsing Interchange Roundabout from 3-lane to 2-lane (F3.2) Removal of Existing Noise Barrier along Tsing Tsuen Road	Work Zone 6A Work Zone 6B	82 -	63	63	+++++	++++	+++++	++++	+++++	+++-		++++	 		++++	+++++	 	++++	 	+++++		+++
4	(F3.3) Piling Works	Piling Work Area 6	102	64	83	 	 	 	++++					 	 	 	 	 	 		 		-
5	(F3.4) Pile Caps ad Piers	Piling Work Area 6	102 -	66	86																	\bot	\blacksquare
6	(F3.5) Bridge Deck (F3.6) Retaining Structures for At-grade Roads	Works Area 6 Work Zone 6C	103 -	87	99	++++++	++++	+++++	++++	+++++	+++		++++	 		+++++	++++		++++	 	+++++		+++
3	(F3.7) Slopeworks	Work Zone 6D	105 -	79	84																		
11	(F3.8) Erection of Noise Barriers Frame and Panels	Work Zone 6B	104 -	100	105																		\blacksquare
7 8	(F3.9) Roadworks, Drainage & Utilities (F3.10) Pavement	Works Area 6 Works Area 6	96 -	106		+++++		+++++								+++++	++++	 					+++
1 ~	,,	**************************************		100		<u> </u>																	
L																		\perp					$-\Box$
Pomorko:		Overall Noi	rise Level, Leq (30min).	, 00(A)					88 83 89 89	14 n n n 71	n n n n n 73	13 13 13 13 73	13 13 13 13 71 7	0 1/2 1/0 1/0 80 69 69	69 69 69 63 65 64 6	r to 88 88 88 88 68	00 02 62 67				-		
reditiding.																							

Remarks:

11 The Works Area with length to width ratio exceeding 5:1 is divided into Subareas.

21 Works area which are completely out of 300m assessment area from the NSR is not considered in the assessment.

31 Includes a +3 dB(A) Facache Correction.

41 For the discladion of sound resurse levels (SPL), the PMEs are assumed to be placed at the notional source position according to the "Technical Memorandum on Notes from Constitution Work other than Percussive Palms" by EPD.

Appendix 4.12 Predicted Construction Noise Levels at Representative NSRs during Non-Restricted Hours (Mitigated Scenario)

NSR: CP1-COy host Block 1

Somario: Mitigated Scenario

Representative Floor: UF Floor mPD: 27 m

	Construction Activity	Zone No.	SWL (m)	SPL ^{rq} Screening N	Month Month 1	2 3 4 5	7 8 9 10	11 12 13 14	15 16 17 18 19	20 21 22 23 24	25 26 27 28 29	30 31 32 33 34	35 36 37 38	39 40 41 42 43	44 45 46 47	48 49 50 51	52 53 54 55	56 57 58 59 6	0 61 62 63	64 65 66 67 68 69	70 71 72 73 74	4 75 76 77	78 79 80 81 82 83	84 85 86 87 88 89 9	90 91 92	93 94 95 96 97 98	99 100 101 102 103
(A)) Work Zone at Tai Chung Road Interchange					+	$+\Pi\Pi$	\perp	\perp	+	\perp	\perp	$+\Pi\Pi$	\perp	\perp		$-\Box$		+			+ T = -	+TTTT		\blacksquare	+	+ TTT
(A:	1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works	Works Area 1	102 -		25 25																			84 85 86 87 88 89 1			
(Ac	2) Utilities Protection and Diversion Works	Works Area 1	99 -		26 26																						
(A)	3) Construction of Bridge Structure for Slip Road E 3.1) Piling Works	PW-1	102		27 36	+ + + + + +	 	- 	- 							-						-			-		
(A	3.2) Pile Caps and Piers	PW-1	102 -		29 38																						
(A)	3.3) Bridge Deck 3.4) Modification of Existing Bridge Structure of Tsuce Wan Road for Connection	Work Zone 1A Work Zone 1A	103 -		39 48	+	++++	-	-	-	-	-	-	-	-	-	-	-	-		-	+			+	-	+
(A	3.5) Roadworks, Drainage & Utilities	Works Area 1	96 -		55 56			-		-				-			-										$\overline{}$
(A	3.6) Pavement	Works Area 1	100 -		57 57							-					-										
(A	4) Improvement at Hoi Hing Road / Hoi On Road Junction 4.1) Roadworks, Drainage & Utilities	Works Area 1	96 -		58 59		 	- 									 					 	 		-		+
	4.2) Payement	Works Area 1	100 -		60 60																						
(B)	i) Work Zone between Tai Ho Road and Tsuen Tsing Interchange orks Area 2				- 1 ⊢	+	++++	-	-	-	-	-	-	-	-	-	-	-	-		+++	+			+	-	+
(B	11) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works	Works Area 2	102 29	67	25 25						67											+	+		+		+
(B	2) Utilities Protection and Diversion Works	Works Area 2	99 29	65	26 26						65																
(B	3) Construction of Bridge Structure for Additional Lane above Tsuen Wan Park 3.1) Piling Works	PW-2	102 20	66	27 67	+	 	+++			65 65 65	65 65 65 65	65 65 65 65	65 65 65 65 66	65 65 65 65	+	-	-			+++	+	$\overline{}$		+	$\overline{}$	+
(B	(3.2) Pile Caps and Piers	PW-2	102 38	65	29 49						65	65 65 65 65 65	65 65 65 65	65 65 65 65 65	65 65 65 65	65 65											
(B	3.3) Bridge Deck 3.4) Modification of Existing Bridge Structure of Tsuen Wan Road for Connection	Works Area 2 Work Zone 2A	103 29	69	50 58	$\overline{}$	\cdots	$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$	69 69	69 69 69 69	69 69 69			-	$\overline{}$			$\overline{}$		$\overline{}$
(B	3.5) Roadworks, Drainage & Utilities	Works Area 2	96 29	62	60 61	+										- 1	42 42 42 42	49 49 49 49	2 62			+	-		+		+
(B	3.6) Payement	Works Area 2	100 29	66	62 62														66								
(B	4) Construction of Cantilever Noise Barrier, Vertical Barrier and Noise Semi-enclosure 4.1) Piling Works	PW-2-NMM	102 22	70	27 50	 	++++	+++			70 70 70	20 20 20 20 20 20	20 20 20 20	70 70 70 70 70 70	70 70 70 70	20 20 20			+++			+++	- 		+		++++
(B	4.2) Pile Caps and Piers	PW-2-NMM	102 23	70	29 52						70 70 70	70 70 70 70 70	70 70 70 70	70 70 70 70 70	70 70 70 70	70 70 70 70	70										
(B	4.3) Erection of Noise Barrier Frame and Panels (5) Construction of Bridge Structure for New Downramp from Tsuen Wan Road (KinB) to TTI	Work Zone 2B	104 32	68	53 62	+	+	+	+	+	+	-	+	+	+	\perp	68 68 68	68 68 68 68 6	8 68 68		$\overline{}$	+	$\overline{}$	++++++++++++++++++++++++++++++++++++	+	+	+
(B	b) Construction of Bridge Structure for New Downramp from Tsuen Wain Road (KinB) to TTI 5.1) Päing Works	PW-2A	102 71	60	27 33	 	++++	++++	- 		60 60 60	60 60 60 60	 	++++	 	+++		\vdash				+++	- 		+		++++
(B	(5.2) Pile Caps and Piers	PW-2A	102 71	60	29 35	\Box		\bot	\rightarrow	\rightarrow	60	60 60 60 60 60	60				\perp		$\overline{}$			\Box			\Box		\perp
(Bi	is.3) Bridge Deck is.4) Modification of Existing Bridge Structure of Tsuen Wan Road for Connection	Works Area 2 Work Zone 2C	103 29	69 69	36 47 48 53	 	++++	+++					69 69 69	by 69 69 69 66	69 69 69 69 69 69 69 69 69 69 69 69 69 6	59 59 59 50	50 50		+++			+++	- 		+		++++
(B	5.5) Demolition of Existing Downramp	Work Zone 2D	101 164	51	54 59												51 51	51 51 51 51									
(B)	5.6) Roadworks, Drainage & Utilities 5.7) Pavement	Work Zone 2D Work Zone 2D	96 164	47	60 61	+	+	+	+	+	+	-	+	+	+	\perp	+	4	7 47		$\overline{}$	+	$\overline{}$	++++++++++++++++++++++++++++++++++++	+	+	+
(B)	6) Modification of At-grade Roads	Work Zone 2D	100 164	51	° 1 ° -	+												-	31			+	+		+		+
(B	6.1) Roadworks, Drainage & Utilities	Works Area 2	96 29	62	27 28						62 62																
(Bi	6.2) Pavement) Work Zone between Tsuen Tsing Interchange and Kwai Tsing Interchange	Works Area 2	100 29	66	29 29		 	+++			66	-					-	-			-	+			+	$\overline{}$	
W	orks Area 3																										
(C	(1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works (2) Utilities Protection and Diversion Works	Works Area 3 Works Area 3	102 -		1 1	$\overline{}$	\cdots	-	-	$\overline{}$	$\overline{}$	$\overline{}$	-	-	-	-	-	-			-	-			$\overline{}$		+
(C	3) Retaining Structures for At-grade Roadworks	Work Zone 3A	104 -		3 26	+																+	+		+		+
(C	4) Slopeworks	Work Zone 3B	105 -		27 41																						
(0	(5) Modification of Kwai Hei Street Underpass (HyD Structure No. N521) (6) Modification of Kwai Hei Street Footbridge (HyD Structure No. NF185)	Work Zone 3C Work Zone 3D	105 -		1 12	 	 	- 				- 		- 		+++	- 					 					
(C	7) Roadworks, Drainage & Utilities	Works Area 3	105 - 96 -		46 47																						
(C	8) Pavement f) Work Zone between Kwai Tsing Interchange and Container Port Road	Works Area 3	100 -		48 48	++++		-	-	$\overline{}$	-	-	-	-	-	-	-	-				+			-		+
W	orks Area 4					++++										+++		-				+	+		+		+
(D	1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works	Works Area 4	102 -		13 13																						
(D)	2) Utilities Protection and Diversion Works (3) Retaining Structures for At-grade Roadworks	Works Area 4 Work Zone 4A	104 -		15 27	 	 	- 									 					 			-		
(D	M) Sinneworks	Work Zone 4B	105 -		28 39																						
(Di	5) Construction of Bridge Structure for Tsuen Wan Road (TMB) Upramp 5.1) Site Clearance at Existing Kwai Shun Street Cooked Food Market	Work Zone 4C	102		., .,	++++	++++	-	-	-	-		-	-	++++	-	-		-			+			+		+
(D	5.2) Piling Works	PW-4A	102 -		14 20	+		-		$\overline{}$							-								+		+
(D	5.3) Pile Caps and Piers	PW-4A	102 -		16 22																						
(D	5.4) Bridge Deck to widen Ramp F 5.5) Demolition of Existing Downramp (Part 1)	Work Zone 4D Work Zone 4E	103 -		23 27 28 30		 	- 				- 		- 	 		- 					 			+++		
(Di	(5.6) Construction of New Downramp	Work Zone 4F	103 -		31 33																						
	5.7) Demolition of Existing Downramp (Part 2) 5.8) Roadworks, Drainage & Utilities	Work Zone 4G Work Zone 4H	101 -		34 36	++++	++++	++++	-	$\overline{}$			++++	-	++++	+	-					+	$\overline{}$	 	-		++++
(D	5 9) Pavement	Work Zone 4H	100 -		39 39											+++		-				+	+		+		+
(D	6) Construction of Bridge Structure for Additional Lane at Tsuen Wan Road (TMB)		1					\bot	\rightarrow		\rightarrow						$-\Box$		$\overline{}$			\Box			\Box		\bot
(D	6.1) Piling Works 6.2) Pile Caps and Piers	PW-4 PW-4	102 -		47 53	 	 	- 					 	- 	 		 	 	 	 	 	 		 	+		
(D	6.3) Bridge Deck	Work Zone 4I	103 -		54 59																				\Box		
(D	6.4) Roadworks, Drainage & Utilities 6.5) Pavement	Work Zone 4I Work Zone 4I	96 -		60 61	++++	++++	+++	++++	++++	++++	+	++++	+++	++++	+	-	++++	+		++++	+++	 	 	+	+++++	++++
(E)) Work Zone along Widened Tsuen Wan Road for Relocation of Central Median	THURSDAY TO			- I - E																						
(E	Work Zone along Widened Tsuen Wan Road for Relocation of Central Median	West Town Ch	400 7:			$+ \Box \Box \Box$	$+\Pi\Pi$	\perp	\perp	+	\perp	\perp	$+\Pi\Pi$	+TTT	\perp		$-\Box\Box$		+ -	00 00 00 00 00 00		$+ \top \Box$	$+$ \Box \Box \Box		\Box	+TTTT	$+$ Π Π
(E	1) Dismantling Existing Parapet and Installation of New Profile Barrier 2) Roadworks	Work Zone 5A Works Area 5	103 34 96 34	60	70 71	 	 	- - - 	- 	- 		- 	 	- 	 	+++	- 	 	68	b8 68 68 68 68	60 60	 	- 	 	+		
(E	3) Pavement	Works Area 5	100 34	65	72 72				\neg		\Box						$-\Box$				65				\bot		\bot
(F)	Work Zone between Tsuen Tsing Interchange and Tsing Tsuen Road orks Area 6				- ⊢	++++	++++	+++	++++		++++	+++	++++	+++	++++	+++	+	++++	+	++++	++++	+++		 	+++		++++
(F:	1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works	Works Area 6	102 -		61 61																						
(F	2) Utilities Protection and Diversion Works 3) Construction of Bridge Structure for Slip Road C	Works Area 6	99 -		62 62	$+$ \Box \Box \Box	$+\Pi\Pi$	\perp	\perp	\perp	\perp	\perp	$+\Pi\Pi$	+TTT	\perp		$-\Box\Box$		+			$+ \top \Box$	$+$ \Box \Box \Box		\Box	+TTTT	$+$ Π Π
(E)	Construction of Bridge Structure for Slip Road C Modification of Tsuen Tsing Interchange Roundabout from 3-lane to 2-lane	Work Zone 6A	82 -		63 63	 	 	- 		- 		- 	 	- 	 	+++	- 	 	+++	 	 	 	 	 	+++		++++
(F	3.2) Removal of Existing Noise Barrier along Tsing Tsuen Road	Work Zone 6B	97 -		63 63																				\Box		
(FI	3.3) Piling Works 3.4) Pile Caps ad Piers	Piling Work Area 6 Piling Work Area 6	102 -		64 83	++++	++++	+++	++++		++++	+++	++++		++++	+++	-	++++	+	++++	++++	+++			+++		++++
(F	3.5) Bridge Deck	Works Area 6	103 -		87 99																						
(F	3.6) Retaining Structures for At-grade Roads	Work Zone 6C	104 -		73 78	$+ \Box \Box \Box$	$+\Pi\Pi$	\perp	\perp	+	\perp	\perp	$+\Pi\Pi$	+TTT	\perp		$-\Box\Box$		+			$+ \top \Box$	$+$ \Box \Box \Box		\Box	+TTTT	$\perp \Box \Box$
(F)	3.7) Slopeworks 3.8) Erection of Noise Barriers Frame and Panels	Work Zone 6D Work Zone 6B	105 -		100 105	 	 	- 				- 	 	- 	 		 	 	 	 	 	 		 	+		
(F	3.9) Roadworks, Drainage & Utitities	Works Area 6	96 -		106 107																						
(F	3.10) Pavement	Works Area 6	100 -		108 108	+++	+++	+++	+++	-1	+++	-	+++	+	+++	+	-	+++	++-	$\overline{}$	+++	+++	$\overline{}$	$\overline{}$	++7	++++	++
						 	++++	+++	- 			- 	 	- 	 	+++	- 	 	+++	 	 	+++	- 	 	+		+++
		Overall Nois	se Level, Leq (30min), dB(A)							67 65 72 72 75	74 74 74 74 74	74 75 75 75	75 75 75 75 75	75 75 75 75	74 74 74 73	73 72 72 72	72 72 72 69 6	9 69 71 68	68 68 68 68 68	60 60 65						
	and the state and a second of First Individual Inter-Property					·						<u></u>	<u></u>	· · · · · · · · · · · · · · · · · · ·	·			·			<u></u>		·			·	
with le	ength to width ratio exceeding 5 : 1 is divided into Subareas. completely out of 300m assessment area from the NSR is not considered in the ass	commont																									
A) Fo	completely out of 300m assessment area from the NSK is not considered in the ass acade Correction.	esometit.																									
	sound pressure levels (SPL), the PMEs are assumed to be placed at the notional sou																										

NSR: OT3: Oby here flied 8
Somario: NF
Representative Floor: 1F Floor mPD: 30.2 m

		Work [7]				2028		2029			2030			2031			2032			2033		2034			2035		2036	
		Zone	Dist ⁽²⁾	Building	g Start End Jan Feb Mar Apr May	y Jun Jul Aug Sep	Oct Nov Dec Jan Feb Mar Apr	May Jun Jul Aug	Sep Oct Nov Dec .	Jan Feb Mar Apr N	May Jun Jul Aug	Sep Oct Nov Dec .	an Feb Mar Apr Ma	lay Jun Jul A	ug Sep Oct Nov Dec	Jan Feb Mar Ap	or May Jun Jul A	ug Sep Oct Nov Dec Jan	Feb Mar Apr May	Jun Jul Aug Sep Oct	Nov Dec Jan Feb Mar	Apr May Jun Jul Aug	Sep Oct Nov Dec Ja	Feb Mar Apr May	Jun Jul Aug Sep Oct	Nov Dec Jan Feb Mar	Apr May Jun Jul A	ug Sep Oct Nov Dec
Groups of PME	Construction Activity (A) Work Zone at Tai Chung Road Interchange	No.	SWL (m) SF	PL ¹⁴ Screening	ing Month Month 1 2 3 4 5	6 7 8 9	10 11 12 13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	33 34 35 36	37 38 39 40 41	11 42 43 4	4 45 46 47 48	49 50 51 52	2 53 54 55 5	6 57 58 59 60 61	62 63 64 65	66 67 68 69 70	71 72 73 74 75	76 77 78 79 80	81 82 83 84 85	86 87 88 89	90 91 92 93 94	95 96 97 98 99	100 101 102 103 17	04 105 106 107 108
	Works Area 1																											
1 2	(A1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works (A2) Utilities Protection and Diversion Works	Works Area 1 Works Area 1	102 -		25 25	$\overline{}$	$\overline{}$		$\overline{}$	$\overline{}$	-	$\overline{}$		$\overline{}$		$\overline{}$	$\overline{}$		$\overline{}$		$\overline{}$			$\overline{}$			$\overline{}$	$\overline{}$
	(A3) Construction of Bridge Structure for Slip Road E		20 -		12 2 1																							
4	(A3.1) Piling Works (A3.2) Pile Caps and Piers	PW-1 PW-1	102 -		27 36	$\overline{}$		$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$	\cdots	$\overline{}$	$\overline{}$		$\overline{}$	$\overline{}$		$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$	-	$\overline{}$
6	(A3.3) Bridge Deck	Work Zone 1A	103 -		39 48	 					- 	 			 	 	 		 					-			$\overline{}$	+
9	(A3.4) Modification of Existing Bridge Structure of Tsuen Wan Road for Connection (A3.5) Roadworks, Drainage & Utilities	Work Zone 1A Works Area 1	101 -		49 54	$\overline{}$		$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$		$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$
8	(A2 6) Programmed	Works Area 1	100 -		57 57	+ 						 					 		 									+
-	(A4) Improvement at Hoi Hing Road / Hoi On Road Junction	Works Area 1				$\overline{}$		-	$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$	-	$\overline{}$	$\overline{}$	$\overline{}$	-	$\overline{}$	+
8	(A4.1) Roadworks, Drainage & Utilities (A4.2) Pavement	Works Area 1	100 -		60 60	 								+++		 	+ + + + +		 		+					-	$\overline{}$	++++
	(B) Work Zone between Tai Ho Road and Tsuen Tsing Interchange																											
	Works Area 2 (B1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works	Works Area 2	102 41 6	64	25 25			-	+	64	-	++++		+		-	+++			+	-	-	$\overline{}$				+++	++++
2	(B2) Utilities Protection and Diversion Works	Works Area 2	99 41 6	62	26 26					62		-																
	(B3) Construction of Bridge Structure for Additional Lane above Tsuen Wan Park (B3.1) Piling Works	PW-2	400 67 6			$\overline{}$		$\overline{}$	$\overline{}$							\cdots	\cdots	$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$	-	$\overline{}$	$\overline{}$	$\overline{}$	-	-	$\overline{}$
5	(B3.2) Pile Caps and Piers	PW-2	102 57 6	62	29 49	 				62 62	62 62 62 62 62 62 62 62	62 62 62 62	52 62 62 62 62 52 62 62 62 62	62 62 62 6	2 62 62 62 62	62	 		 					 				+
6	(B3.3) Bridge Deck (B3.4) Modification of Existing Bridge Structure of Tsuen Wan Road for Connection	Works Area 2 Work Zone 2A	103 41 6	66	50 58	-		-	$\overline{}$	$\overline{}$	\perp	\cdots		-		66 66 66	6 66 66 6	6 66 66	$\overline{}$	$\overline{}$	-		$\overline{}$		$\overline{}$	-	$\overline{}$	
7	(B3.4) Modification of Existing Bridge Structure of I suen Wan Road for Connection (B3.5) Roadworks, Drainage & Utilities	Works Area 2	96 41 6	59	51 59	 						 		+++		61 61	61 61 61 6	1 61 61 61 59 59						 				+
8	(R3.6) Payament	Works Area 2	100 41 6	63	62 62	\Box			\rightarrow	\rightarrow	\bot	\Box					\Box		63	\bot	\bot			\Box			$\rightarrow \rightarrow$	\bot
A	(B4) Construction of Cantilever Noise Barrier, Vertical Barrier and Noise Semi-enclosure (B4.1) Piling Works	PW-2-NMM	102 33 4	67	27 50	++++				67 67	67 67 67 67	67 67 67 67	7 87 87 87 87	2 67 67 6	7 67 67 67 67	67 67	+++	 	 				 	 				+++
5	(B4.2) Pile Caps and Piers	PW-2-NMM	102 33 6	67	29 52					U. 67	67 67 67 67	67 67 67 67	7 67 67 67 67	7 67 67 6	7 67 67 67 67	67 67 67 67	7											
- 11	(B4.3) Erection of Noise Barrier Frame and Panels (B5) Construction of Bridge Structure for New Downramp from Tsuen Wan Road (KinB) to TTI	Work Zone 2B	104 40 6	67	53 62	+		-	-	$\overline{}$	-	+	+	+		-	67 67 67 6	7 67 67 67 67 67	67	+	+	-	$\overline{}$	+	$\overline{}$	-	-	+
4	(B5.1) Piling Works	PW-2A	102 74 6	60	27 33					60 60	60 60 60 60	60																
5	(B5.2) Pile Caps and Piers (B5.3) Bridge Deck	PW-2A Works Area 2	102 74 6	60	29 35	+		$-\Box$		\perp	60 60 60 60	60 60 60					+ T T	\perp	$+\Pi\Pi$	+	$\perp \top \top \Box$			\Box	+		$\rightarrow T$	$+ \Box \Box$
9	(B5.4) Modification of Existing Bridge Structure of Tsuen Wan Road for Connection	Work Zone 2C	101 132 5	53	48 53		 					68	00 00 05 55 55	00 00 66 6	53	53 53 53 53	3 53											+
10	(B5.5) Demolition of Existing Downramp	Work Zone 2D Work Zone 2D	101 82 5 96 82 5	57	54 59												57 57 5	7 57 57 57										
8	(B5.6) Roadworks, Drainage & Utilities (B5.7) Pavement	Work Zone 2D Work Zone 2D	100 82 5	57	62 62						 	 				 	 	53 53	57								-	+
	(B6) Modification of At-grade Roads																											
7 8	(B6.1) Roadworks, Drainage & Utilities (B6.2) Pavement	Works Area 2 Works Area 2	96 41 5	63	27 28 29 29	 		- 	- 	59 59	63	 		+++	 	 	 		 								-	+
-	(C) Work Zone between Tsuen Tsing Interchange and Kwai Tsing Interchange			-							-																	
	Works Area 3 (C1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works	Works Area 3	102			++++		-	-	-	-		+	-						+	-			++++			-+++	+
2	(C2) Utilities Protection and Diversion Works	Works Area 3	99 -		2 2						-			-			+			-	-						\rightarrow	+
14	(C3) Retaining Structures for At-grade Roadworks (C4) Slopeworks	Work Zone 3A Work Zone 3B	104 -		3 26	++++	+	-	$\overline{}$	+++	++-	\cdots	-	+	+++	\cdots	+++	++++	\cdots		+		\cdots	++++	-	-	+++	+
12	(CS) Modification of Kwai Hei Street Underpass (HyD Structure No. N521)	Work Zone 3C	105 -		1 12	 			- 		- 	 			 	 	 		 	 	-		 	-	-		-	+
13	(C6) Modification of Kwai Hei Street Footbridge (HyD Structure No. NF185)	Work Zone 3D	105 -		1 12					\perp	$\overline{}$	\Box		\perp													$\overline{}$	
8	(C7) Roadworks, Drainage & Utilities (C8) Pavement	Works Area 3 Works Area 3	100 -		48 48	++++		-	-	-	-		-	-		-				-	-	-	+++				-	+
	(D) Work Zone between Kwai Tsing Interchange and Container Port Road																											
1	Works Area 4 (D1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works	Works Area 4	102		13 13	 			- 		- 	 		+++	 	 	 							++++				+
2	(D2) Utilities Protection and Diversion Works	Works Area 4	99 -		14 14	\Box		-	\rightarrow	\perp	\perp	\Box		\perp			-			\bot	\bot			-				
14	(D3) Retaining Structures for At-grade Roadworks (D4) Slopeworks	Work Zone 4A Work Zone 4B	104 -		15 27 28 39	 					- 	 	++++	+++	++++	 	 		 	- 	 			 			-	+
-	(DS) Construction of Bridge Structure for Tsuen Wan Road (TMB) Upramp																											
1	(D5.1) Site Clearance at Existing Kwai Shun Street Cooked Food Market (D5.2) Piling Works	Work Zone 4C PW-4A	102 -		13 13			-			-			+		-	++++		 	+	-	-	$\overline{}$				+++	+
5	(DS.3) Pile Caps and Piers	PW-4A	102 -		16 22																							
6	(D5.4) Bridge Deck to widen Ramp F (D5.5) Demolition of Existing Downramo (Part 1)	Work Zone 4D Work Zone 4E	103 -		23 27 28 30	 		-		-		 	-	+												-	\leftarrow	+
6	(DS.6) Construction of New Downramp	Work Zone 4F	103 -		31 33																							
10	(D5.7) Demolition of Existing Downramp (Part 2) (D5.8) Roadworks, Drainage & Utilities	Work Zone 4G Work Zone 4H	101 -		34 36			-	-	-	-		+	-										++++			-	+
8	(DS 9) Payament	Work Zone 4H	100 -		39 39																							
1 .	(D6) Construction of Bridge Structure for Additional Lane at Tsuen Wan Road (TMB) (D6.1) Pling Works	PW-4	102		10 0	+++	 	-	-	-1	+	+++	+++	++	+	++	+++	+++	+++	+++	+++	+++	+++	+++	-	+++	+++	+++
5	(D6.2) Pile Caps and Piers	PW-4	102 -		47 53																							+
6	(D6.3) Bridge Deck (D6.4) Roadworks, Drainage & Utilities	Work Zone 4I Work Zone 4I	103 -		54 59	-		-	$\overline{}$	-	-	$\overline{}$	-	-		\cdots	$\overline{}$			-	-		-	-			$\overline{}$	\perp
8	(D6.5) Pavement	Work Zone 4I	100 -		62 62																							
	(E) Work Zone along Widened Tsuen Wan Road for Relocation of Central Median													\Box														
16	(E) Work Zone along Widened Tsuen Wan Road for Relocation of Central Median (E1) Dismantling Existing Parapet and Installation of New Profile Barrier	Work Zone 5A	103 51 6	64	63 69	 	 			- 	- 	 		+++	 	 	 	 	64 64 64	64 64 64 64	- 		 	 				++++
7	(E2) Roadworks	Works Area 5	96 45 5	58	70 71															58	58							
8	(E3) Pavement (F) Work Zone between Tsuen Tsing Interchange and Tsing Tsuen Road	Works Area 5	100 45 6	62	72 72	 			- 		+++	 		+++	 	 	 				62			++++		-		+
	Works Area 6																											
1 2	(F1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works (F2) Utilities Protection and Diversion Works	Works Area 6 Works Area 6	102 141 5	54	61 61	++++	+++++	++++	++++	+++	+++	++++	+++	+++	+++	++++	+++	54	51	++++	++++	++++	++++	++++	+++	+++		++++
	(F3) Construction of Bridge Structure for Slip Road C		- - -	-						\bot																		
17	(F3.1) Modification of Tsuen Tsing Interchange Roundabout from 3-lane to 2-lane (F3.2) Removal of Existing Noise Barrier along Tsing Tsuen Road	Work Zone 6A Work Zone 6B	82 126 3	35	63 63	+++	 	-	+++	-	+	+++	+++	++	+	+++	+++	+++	35	+	+++	+++	+++	+++	$\overline{}$	$\overline{}$	+++	+++
4	(F3.3) Piling Works	Piling Work Area 6	102 152 5	53	64 83														53 53	53 53 53 53 53	53 53 53 53 53	53 53 53 53 53	53 53 53					
5	(F3.4) Pile Caps ad Piers	Piling Work Area 6 Works Area 6	102 152 5	53	66 86	+		$-\Box$	\Box	\Box	-	+	+	\Box	+	\Box	+	+	\Box	53 53 53 53 53	53 53 53 53	53 53 53 53 53	53 53 53 53 53	53			+	+ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$
14	(F3.5) Bridge Deck (F3.6) Retaining Structures for At-grade Roads	Work Zone 6C	103 141 5	50	73 78	 	 			- 	+++	 	+++	+++	++++	 	 	++++	 	 	50 50 50	50 50 50	 	20 20 55	so sb bb bb 55	so 55 55 55 55	. 	+++
3	(F3.7) Slopeworks (F3.8) Erection of Noise Barriers Frame and Panels	Work Zone 6D	105 287 5	51	79 84					\neg			\top	\perp			\Box					51 51	51 51 51 51				50 50 50 5	50 50
7	(F3.9) Roadworks, Drainage & Utitities	Work Zone 6B Works Area 6	104 140 5 96 141 4	48	106 107	 					+++	 	++++	+++	++++	 			 	 			20 26 26 26 5	48 48				
8	(F3.10) Pavement	Works Area 6	100 141 5	53	108 108	\Box			\rightarrow	\rightarrow	\perp	\Box	\bot				\Box		\Box	\bot	\bot			\Box			$\rightarrow \rightarrow \rightarrow$	53
						 				- 		 		+++	+++	 	 	 	 	- 	- 			 				+
	-	Overall Noi	se Level, Leq (30min), dE	dB(A)	' ' 					64 62 69 69	72 72 72 72	72 71 71 72	72 72 72 72 72	72 72 72 7	2 72 72 72 70	70 71 70 70	0 70 70 70 7	70 70 70 68 67 68	69 64 64 64	65 65 65 65 60	60 63 57 57 57	57 57 57 58 58	58 58 58 55 53	53 55 55 55	55 55 55 55	55 55 55 55	56 56 56 56	56 56 48 48 53

		Work [1]					2028			2029		2030			2031			2032			2033		2034			2035		2036	
		Zone	Dist ⁽²⁾	Build	ilding Start End	Jan Feb Mar Apr N	fay Jun Jul Aug Sep	Oct Nov Dec Jan Feb M	far Apr May Ju	un Jul Aug Sep O	ct Nov Dec Jan Feb Ma	r Apr May Jun Jul	Aug Sep Oct Nov Dec	Jan Feb Mar Apr Ma	ay Jun Jul Aug	Sep Oct Nov D	ec Jan Feb Mar	Apr May Jun Jul Au	ag Sep Oct Nov Dec Ja	n Feb Mar Apr May	Jun Jul Aug Sep Oct I	Nov Dec Jan Feb Mar	Apr May Jun Jul Aug	Sep Oct Nov Dec Ja	n Feb Mar Apr May J	Jun Jul Aug Sep Oct	Nov Dec Jan Feb Mar	Apr May Jun Jul Aug	g Sep Oct Nov Dec
Groups of PME		No.	SWL (m) SF	SPL ¹⁴ Scree	eening Month Month	1 2 3 4	5 6 7 8 9	10 11 12 13 14 1	15 16 17 1	8 19 20 21 2	2 23 24 25 26 27	28 29 30 31	32 33 34 35 36	37 38 39 40 4	1 42 43 44	45 46 47 4	48 49 50 51	52 53 54 55 5	6 57 58 59 60 61	62 63 64 65	66 67 68 69 70	71 72 73 74 75	76 77 78 79 80	81 82 83 84 85	5 86 87 88 89	90 91 92 93 94	95 96 97 98 99	100 101 102 103 104	i 105 106 107 108
	(A) Work Zone at Tai Chung Road Interchange Works Area 1				1 1 1	-	-	++++	-	+		-	$\overline{}$	-	-	-	-	-	+	-		-		-	+		-	$-\!-\!-\!-$	+
1	(A1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works	Works Area 1	102 -		25 25																								
2	(A2) Utilities Protection and Diversion Works (A3) Construction of Bridge Structure for Slip Road E	Works Area 1	99 -		26 26	-	+++	++++	+	+++	++++	+++	+++++	-	-		-	-	++++	-	-	+	-		++++	-	-	++++	+++
4	(A3.1) Piling Works	PW-1	102 -		27 36	-	- 			+ + + + +	+ + + + + + + + + + + + + + + + + + + 	 	 	- 	 	 	-			 		- 			 	-		-	+
5	(A3.2) Pile Caps and Piers	PW-1	102 -		29 38																								
6	(A3.3) Bridge Deck (A3.4) Modification of Existing Bridge Structure of Tsuen Wan Road for Connection	Work Zone 1A Work Zone 1A	103 -		39 48	-	-	++++	-	+	+	-	$\overline{}$	-	-	-	-		+	-		+		-	+		-	$-\!-\!-\!-$	+++
7	(A3.5) Roadworks, Drainage & Utilities	Works Area 1	96 -		55 56																							-	+
8	(A3.6) Pavement (A4) Improvement at Hoi Hing Road / Hoi On Road Junction	Works Area 1	100 -		57 57				-	-																			
7	(A4.1) Roadworks, Drainage & Utilities	Works Area 1	96 .		58 59					 		 		- 															+ + + + + + + + + + + + + + + + + + +
8	(A4.2) Payement	Works Area 1	100 -		60 60																								
	(B) Work Zone between Tai Ho Road and Tsuen Tsing Interchange					-	+		\rightarrow	-		-	\cdots	-	-	-	-	-		\cdots		-			\cdots			+++	++++
	Works Area 2 (B1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works	Works Area 2	102 06 1	67	26 26	-		++++	+	+		-	$\overline{}$	-	+	$\overline{}$	-	-	++++			+	-				-	++++	+++
2	(P1) I Million Protection and Dispersion Works	Works Area 2	99 96 5	54	26 26	-			-		5/		$\overline{}$			-	-											-	+
	(B3) Construction of Bridge Structure for Additional Lane above Tsuen Wan Park																												\Box
4	(B3.1) Piling Works (B3.2) Pile Caps and Piers	PW-2 PW-2	102 127	55	27 47	-	-		-	-	55	55 55 55 55	55 55 55 55 55	55 55 55 55 5	5 55 55 55	55 55 55		-				-					-		++++
6	(R3.3) Bridge Deck	Works Area 2	103 96 5	59	50 58	-	- 		-		+ + + + + + + + + + + + + + + + + + + 	1 2 2 2	20 20 20 20 20	20 20 20 20 2	2 20 20 20	30 30 30 3	59 59	59 59 59 59 5	9 59 59						+ + + + + +			-	+
9	(B3.4) Modification of Existing Bridge Structure of Tsuen Wan Road for Connection	Work Zone 2A	101 124	54	51 59												54	54 54 54 54 5	4 54 54 54										
7	(B3.5) Roadworks, Drainage & Utilities (B3.6) Pavement	Works Area 2 Works Area 2	96 96 5	51	60 61			\cdots	-										51 51	56									+
	(B4) Construction of Cantilever Noise Barrier, Vertical Barrier and Noise Semi-enclosure			-	" "												-												
4	(B4.1) Piling Works	PW-2-NMM	102 104	57	27 50				\Box		57	57 57 57 57	57 57 57 57 57	57 57 57 57 5	7 57 57 57	57 57 57 5	57 57 57												
5	(B4.2) Pile Caps and Piers (B4.3) Erection of Noise Barrier Frame and Panels	PW-2-NMM Work Zone 2B	102 104 5	5/	29 52 53 60		+++		+	++++	++++	57 57 57	57 57 57 57	ы 57 57 57 5	/ 57 57 57	5/ 57 57 5	57 57 57	58 58 50 5	8 58 58 58 50 50	58					++++		-	+++	+++
1	(BS) Construction of Bridge Structure for New Downramp from Tsuen Wan Road (KInB) to TTI		1 .																										
4	(B5.1) Piling Works (B5.2) Pile Caps and Piers	PW-2A PW-2A	102 141	54	27 33				-	-	54	54 54 54 54	54 54																
6	(B5.3) Bridge Deck	Works Area 2	102 141	59	29 35 36 47	- 	 	 	- - 	+ + + +	 	34 54 54	29 24 24 24 59	59 59 59 59 5	9 59 59 59	59 59 59	- 	 	 	 	 	- 	 		 		- 		++++
9	(B5.4) Modification of Existing Bridge Structure of Tsuen Wan Road for Connection	Work Zone 2C	101 173	51	48 53											5	51 51 51 51	51 51											
10	(B5.5) Demoition of Existing Downramp (B5.6) Roadworks, Drainage & Utilities	Work Zone 2D Work Zone 2D	101 129 5 96 129	53	54 59	-	-		-	-		-		-	-		-	53 53 5	3 53 53 53			-						$-\!-\!-\!-$	+++
8	(B5.7) Pavement	Work Zone 2D	100 129	53	62 62		 										-		1 1 1 1 1 1 1	53		-				-		-	+
	(B6) Modification of At-grade Roads																												
7 8	(B6.1) Roadworks, Drainage & Utilities (B6.2) Pavement	Works Area 2 Works Area 2	96 96 9	51	27 28 29 29	-	- 			+ + + +	51	51 56		- 	+++	 				 		 			 				+
_	(C) Work Zone between Tsuen Tsing Interchange and Kwai Tsing Interchange		.		- -																								
	Works Area 3 (C1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works	Works Area 3			1.1.1	-	+		\rightarrow	-		-	\cdots	-	-	-	-	-		\cdots		-			\cdots			+++	
1 2	(C1) Site Clearance / Set-up / Plant Modeization / Tree Felling and Transplanting Works (C2) Utilities Protection and Diversion Works	Works Area 3	99 -		2 2				- 			 													 				+++
14	(C3) Retaining Structures for At-grade Roadworks	Work Zone 3A	104 -		3 26																								
3	(C4) Slopeworks (C5) Modification of Kwai Hei Street Underpass (HyD Structure No. N521)	Work Zone 3B Work Zone 3C	105 -		27 41	-			-	-		-		-	-		-										-	$-\!-\!-\!-$	+++
13	(C6) Modification of Kwai Hei Street Footbridge (HyD Structure No. NF185)	Work Zone 3D	105 -		1 12	-	- 			+ + + + +	++++			- 	+++	 	-			 		 			 	-		-	+
7	(C7) Roadworks, Drainage & Utilities	Works Area 3	96 -		46 47																								
8	(C8) Pavement (D) Work Zone between Kwai Tsing Interchange and Container Port Road	Works Area 3	100 -		48 48	-		++++	-	+		-	$\overline{}$	-	-		-							-					++++
	Works Area 4				1 1 1												-												+-
1	(D1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works	Works Area 4	102 -		13 13				-	\perp		-		-	-		-								\perp				+++
14	(D2) Utilities Protection and Diversion Works (D3) Retaining Structures for At-grade Roadworks	Works Area 4 Work Zone 4A	104		15 27				- 						 										 				+++
3	(D4) Slopeworks	Work Zone 4B	105 -		28 39																								
	(D5) Construction of Bridge Structure for Tsuen Wan Road (TMB) Upramp (D5.1) Site Clearance at Existing Kwai Shun Street Cooked Food Market	Work Zone 4C	102		1,2 1,2	-		++++	-	+		-	$\overline{}$	-	-		-							-					++++
4	(D5.2) Piling Works	PW-4A	102 -		14 20												-												+
5	(D5.3) Pile Caps and Piers	PW-4A Work Zone 4D	102 -		16 22				-	\perp		-		-			-												
10	(D5.4) Bridge Deck to widen Ramp F (D5.5) Demolition of Existing Downramp (Part 1)	Work Zone 4D Work Zone 4F	103 -		28 27	- 	- 		- 	 		 		- 	 	 													+ + + + - + - + + + + + + + + + + + + +
6	(D5.6) Construction of New Downramp	Work Zone 4F	103 -		31 33																								
10	(D5.7) Demolition of Existing Downramp (Part 2) (D5.8) Roadworks, Drainage & Utilities	Work Zone 4G Work Zone 4H	101 -		34 36				-								-											+++	+++
8	(DS 9) Payament	Work Zone 4H	100 -		39 39	-			+++	++++		 			+++	$\overline{}$	-		+ + + + + +				-		+ + + + +		-		+
1	(D6) Construction of Bridge Structure for Additional Lane at Tsuen Wan Road (TMB)	PW-4												\rightarrow	\perp		\Box					\bot			\Box	\bot		\bot	
4 5	(D6.1) Piling Works (D6.2) Pile Caps and Piers	PW-4 PW-4	102 -		40 46 47 53	- 	 		- - 	+++	 	 	 	- 	+++	 	- 	 	 	 		- - - - 	 	 	 		- 	+++	+++
6	(D6.3) Bridge Deck	Work Zone 4I	103 -		54 59																								
7	(D6.4) Roadworks, Drainage & Utilities (D6.5) Payement	Work Zone 4I Work Zone 4I	96 -		60 61	-	++	$\overline{}$	+	+	+++	+	+++	-	+	-	+	+++	+++	++		+	\Box	-	+	+	-	+++	+
8	(D6.5) Pavement (E) Work Zone along Widened Tsuen Wan Road for Relocation of Central Median	Work Zone 4l	100 -		62 62	- 	 		- - 	 	 	 	 	- 	+++	 	- 		 	 		- 	 	 	 	- 		+++	+++
	(E) Work Zone along Widened Tsuen Wan Road for Relocation of Central Median																												
16	(E1) Dismantling Existing Parapet and Installation of New Profile Barrier (E2) Roadworks	Work Zone 5A Works Area 5	103 119 8 96 115	57	63 69	-	+++		+	+	++++	+++	++++	-	+++	-	++-	-	++++	57 57 57	57 57 57 57	50	+++	-	 	+++	-	+++	+++
8	(E3) Payament	Works Area 5 Works Area 5	100 115	54	72 72	- 		 	+++	++++	 	 	 	- 	+++	 	- 	 	 	 	50	54	 		 	- 	- 	+++	+++
	(F) Work Zone between Tsuen Tsing Interchange and Tsing Tsuen Road				"	\rightarrow	\bot		\bot	\bot		$\overline{}$		\bot	$\overline{}$		\bot					\bot			\Box	\bot			\bot
	Works Area 6 (F1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works	Works Area 6	102 112 1	55	41 41		+		+	+		+++		$\overline{}$	+++	$\overline{}$	+	++++	1 1 1 2				+++++			++++	-	+++	+++
2	(F2) Utilities Protection and Diversion Works	Works Area 6	99 113	53	62 62														1 1 2	53									
	(F3) Construction of Bridge Structure for Slip Road C		1																									\bot	
17	(F3.1) Modification of Tsuen Tsing Interchange Roundabout from 3-lane to 2-lane (F3.2) Removal of Existing Noise Barrier along Tsing Tsuen Road	Work Zone 6A Work Zone 6B	82 153 3 97 113 8	51	63 63	- 	+++		+++	+++	 	 	 	- 	+++	 	+++	 	 	33 51		 			 			+++	+++
4	(F3.3) Piling Works	Piling Work Area 6	102 120	55	64 83															55 55	55 55 55 55	55 55 55 55	55 55 55 55	55 55 55					
5	(F3.4) Pile Caps ad Piers (F3.5) Bridge Deck	Piling Work Area 6 Works Area 6	102 120	56	66 86		\perp		$-\Box$	\perp	+	\perp		\perp	\perp						56 56 56 56 56	56 56 56 56 56	56 56 56 56 56	56 56 56 56 56	3 56			+	\perp
14	(F3.5) Bridge Deck (F3.6) Retaining Structures for At-grade Roads	Work Zone 6C	103 113 5	53	73 78	- 	+++	 	+++	++++	 	 	 			 	- 	 	 	 		53 53 53	53 53 53	 	5/ 5/ 57	or o/ b/ b/ 57	pr 5/ 5/ 5/ 57	+++	+++
3	(F3.7) Slopeworks	Work Zone 6D	105 217	54	79 84	\rightarrow			\bot								\perp						54 54	54 54 54 54				\bot	
11	(F3.8) Erection of Noise Barriers Frame and Panels (F3.9) Roadworks, Drainage & Utilities	Work Zone 6B Works Area 6	104 113 5	58	100 105	\rightarrow	+++	$\overline{}$	+	+++	++++	+++	+++	-	+++	++	+	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	58 58 58 58 58	58 50 50
8	(F3.10) Pavement	Works Area 6	100 113	54	108 108																								50 50 54
																										\perp		\bot	
—		Overall No.	ise Level, Leq (30min), di	dB(A)		- 	+++		+++	+++	57 24 24	61 64 63 69	63 63 63 63 64	64 64 64 61 6	4 64 64 64	64 64 67 4	81 81 83 82	62 62 63 69 6	3 63 63 60 60 60	61 58 59 50	81 81 81 81 50	50 60 50 50 50	59 59 59 60 60	60 60 60 60	8 56 57 57 57	57 57 57 57 57	57 57 57 57 57	58 58 58 50 50	8 50 50 54

Appendix 4.12 Predicted Construction Noise Levels at Representative NSRs during Non-Restricted Hours (Mitigated Scenario)

NSR: RGI2 - His Read Mansion, Rivers Gardens

Scenario: Mitigated Scenario

Representative Floor: 1/F Floor mPD: 28.2 m

		Mark [1]				2028			2029		2030			2031			2012		2033		2034			2035		201	06
		Zone	Died ²¹	Building Store	End Jan Feb	Mar Apr May Jun Ju	I Aug Sep Oct Nov Dec	Jan Feb Mar A	ipr May Jun Jul Aug S	ep Oct Nov Dec Jan	Feb Mar Apr May Jun J	ul Aug Sep Oct Nov Dec .	Ian Feb Mar Apr May J	un Jul Aug Sep Oct	Vov Dec Jan	Feb Mar Apr May Ju	n Jul Aug Sep Oct N	ov Dec Jan Feb Mar Apr	May Jun Jul Aug Sep	Oct Nov Dec Jan Feb	Mar Apr May Jun Jul Au	g Sep Oct Nov Dec Jan	Feb Mar Apr May	Jun Jul Aug Se	iep Oct Nov Dec Jan F	eb Mar Apr May Jun	Jul Aug Sep Oct Nov Dec
Groups of Pf		No.	SWL (m) SPL	Screening Month	Month 1 2	3 4 5 6 7	8 9 10 11 12	13 14 15 1	16 17 18 19 20 :	21 22 23 24 25	26 27 28 29 30	11 32 33 34 35 36	37 38 39 40 41 4	2 43 44 45 46	47 48 49	50 51 52 53 54	4 55 56 57 58 5	9 60 61 62 63 64	65 66 67 68 69	70 71 72 73 74	75 76 77 78 79 81	81 82 83 84 85	86 87 88 89	90 91 92 9	93 94 95 96 97	98 99 100 101 102	103 104 105 106 107 108
	(A) Work Zone at Tai Chung Road Interchange Works Area 1							+++	+	+	$\overline{}$			+	+		++++						+++-	-	+	+	+++++
1	(A1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works	Works Area 1	102 -	25	25																						
2	(A2) Utilities Protection and Diversion Works (A3) Construction of Bridge Structure for Slip Road E	Works Area 1	99 -	26	26			+++	+	++++					+								+++-	++++		+	
4	(A3.1) Piling Works	PW-1	102 -	27	36																						
5	(A3.2) Pile Caps and Piers (A3.3) Bridge Deck	PW-1 Work Zone 1A	102 -	29	38	-	-	-	++++	+	$\overline{}$	+++++	+	+++++	+	$\overline{}$	++++			-			+++-	-	+	++++	+++++
9	(A3.4) Modification of Existing Bridge Structure of Tsuen Wan Road for Connection	Work Zone 1A	101 -	49	54																						
7	(A3.5) Roadworks, Drainage & Utilities (A3.6) Pavement	Works Area 1 Works Area 1	96 -	55	56	++++	++++	+++	++++	+++	$\overline{}$	++++++	++++	++++	-	$\overline{}$	++++		-	-	$\overline{}$	++++	+++-		+	++++	-
	(A4) Improvement at Hoi Hing Road / Hoi On Road Junction		100	"	5/																						
7	(A4.1) Roadworks, Drainage & Utilities (A4.2) Pavement	Works Area 1 Works Area 1	96 -	58	59	$\overline{}$		-		$\overline{}$		$\overline{}$		$\overline{}$	$\overline{}$		$\overline{}$					$\overline{}$	+-	$\overline{}$	$\overline{}$	+	$\overline{}$
	(B) Work Zone between Tai Ho Road and Tsuen Tsing Interchange	WORG AND I	100	"	60																						
	Works Area 2														\perp												
1 2	(B1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works (B2) Utilities Protection and Diversion Works	Works Area 2 Works Area 2	102 269 48 99 269 45	25	25					48	45				-								++-			++++	
_	(B3) Construction of Bridge Structure for Additional Lane above Tsuen Wan Park																										
4	(B3.1) Piling Works (B3.2) Pile Caps and Piers	PW-2 PW-2	102 -	27	47		-	-	++++	+	$\overline{}$	+++++	+	++++	+	$\overline{}$	++++			-			+++-	-	+	++++	+++++
6	(B3.3) Bridge Deck	Works Area 2	103 269 50	50	58											50 50 50 50 50	50 50 50 50										
9	(B3.4) Modification of Existing Bridge Structure of Tsuen Wan Road for Connection (B3.5) Roadworks, Drainage & Utilities	Work Zone 2A Works Area 2	101 -	51	59		+++++	++-	++++	++	++++++++++++++++++++++++++++++++++++	++++++++++++++++++++++++++++++++++++	++++++++++++++++++++++++++++++++++++	++	$+$ \Box	+++++	++	42 42					++-	++-	+	+++	$\overline{}$
8	(B3.6) Payement	Works Area 2	96 269 42 100 269 47	62	62										ш			47									
	(B4) Construction of Cantilever Noise Barrier, Vertical Barrier and Noise Semi-enclosure	PW-2-NMM	400	_				\Box		\Box		\Box			\pm								+	\Box	\Box	+	$\overline{}$
5	(B4.1) Piling Works (B4.2) Pile Caps and Piers	PW-2-NMM	102 -	27 29	52	 	 	+++	 	+++	 	 	- 	 	+	 	 	 		 	 	 	 	 	 	++++	
11	(B4.3) Erection of Noise Barrier Frame and Panels (B5) Construction of Bridge Structure for New Downramp from Tsuen Wan Road (KinB) to TTI	Work Zone 2B	104 291 49	53	62			\Box	$\overline{}$					$\overline{}$	\perp	49 49	9 49 49 49 49 4	9 49 49 49						\Box	$\overline{}$	\bot	
4	(B5) Construction of Bridge Structure for New Downramp from Tsuen Wan Road (KinB) to TTI (B5.1) Piling Works	PW-2A	102 -	27	33	 	 	+++	++++	+++	 	 	 	++++	+	 	++++	++++	+++	+++	 	 	++++	++++	++++	++++	
5	(B5.2) Pile Caps and Piers	PW-2A	102 -	29	35										\perp											\bot	
6	(B5.3) Bridge Deck (B5.4) Modification of Existing Bridge Structure of Tsuen Wan Road for Connection	Works Area 2 Work Zone 2C	103 269 50	36	47	+++	++++	+++	+	+++	+++	50	50 50 50 50 50 5	0 50 50 50 50	50	+++	+	+	$\overline{}$	$\overline{}$		+++-	++-	+++	+	+++	$\overline{+}$
10	(B5.5) Demolition of Existing Downramp	Work Zone 2D	101 296 46	54	59											46	6 46 46 46 4	16									
7	(BS.6) Roadworks, Drainage & Utilities (BS.7) Payement	Work Zone 2D Work Zone 2D	96 296 41 100 296 46	60	61	-	$\overline{}$	-	$\overline{}$					$\overline{}$	-	$\overline{}$	-	41 41							$\overline{}$	++++	
	(B6) Modification of At-grade Roads			. "	" 										-			1 1 2					+-	-		+	
7	(B6.1) Roadworks, Drainage & Utilities (B6.2) Payement	Works Area 2 Works Area 2	96 269 42 100 269 47	27	28	$\overline{}$	$\overline{}$	-	$\overline{}$	$\overline{}$	42 42	$\overline{}$	$\overline{}$	$\overline{}$	-	\cdots	\cdots					$\overline{}$	+	-	$\overline{}$	$\overline{+}$	$\overline{}$
8	(Bb.2) Pavement (C) Work Zone between Tsuen Tsing Interchange and Kwai Tsing Interchange	Works Area 2	100 269 47	29	29			-			4/				+								+++			++-+	
	Works Area 3			1 1.1	. ===																						
1 2	(C1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works (C2) Utilities Protection and Diversion Works	Works Area 3 Works Area 3	99 -	1 2	1			 															+			++++	
14	(C3) Retaining Structures for At-grade Roadworks	Work Zone 3A	104 -	3	26																					\blacksquare	
3	(C4) Slopeworks (C5) Modification of Kwai Hei Street Underpass (HyD Structure No. N521)	Work Zone 3B Work Zone 3C	105 -	27	41	 		 							-								 -			++++	
13	(C6) Modification of Kwai Hei Street Footbridge (HyD Structure No. NF185)	Work Zone 3D	105 -	1	12																						
7	(C7) Roadworks, Drainage & Utilities (C8) Payement	Works Area 3 Works Area 3	96 -	46	47	+++	++++	-	-		-	+	+	+	-	$\overline{}$	-	+	-	-		+	+++-'	+++	++++	++++	-
	(D) Work Zone between Kwai Tsing Interchange and Container Port Road	William Assault	100	~	~ 🖽																						
	Works Area 4 (D1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works	Works Area 4	102	12			++++	-	++++	+	$\overline{}$		+	++++	+	$\overline{}$	++++						+++-	-	+	++++	+++++
2	(D2) Utilities Protection and Diversion Works	Works Area 4	99 -	14	14																						
14	(D3) Retaining Structures for At-grade Roadworks	Work Zone 4A Work Zone 4B	104 -	15	27	++++	++++	+++	++++	+++	+++++	++++++	++++	++++	-	$\overline{}$	++++		-	-		++++	+++-		+	++++	-
3	(D4) Slopeworks (D5) Construction of Bridge Structure for Tsuen Wan Road (TMB) Upramp		105	20	39																						
1	(DS.1) Site Clearance at Existing Kwai Shun Street Cooked Food Market (DS.2) Piling Works	Work Zone 4C PW-4A	102 -	13	13	$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$		$\overline{}$		$\overline{}$	$\overline{}$		$\overline{}$						+-	$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$
5	(DS.3) Pile Caps and Piers	PW-4A	102 -	16	20 22																						
6	(D5.4) Bridge Deck to widen Ramp F (D5.5) Demoiltion of Existing Downramp (Part 1)	Work Zone 4D Work Zone 4E	103 -	23	27	-	$\overline{}$		$\overline{}$					$\overline{}$	-	$\overline{}$	$\overline{}$								$\overline{}$	++++	
6	(D5.6) Construction of New Downramp	Work Zone 4F	103 -	31	33																						
10	(D5.7) Demoition of Existing Downramp (Part 2) (D5.8) Roadworks, Drainage & Utilities	Work Zone 4G Work Zone 4H	101 -	34	36		+++-	+	+	+	$\overline{}$	+++	++	++	$+\Box$		++	 	$\overline{}$	$\overline{}$	$\overline{}$	+++-	+	++	+	++	$\overline{}$
8	(DS 9) Payament	Work Zone 4H	100 -	39	39																						
1 .	(06) Construction of Bridge Structure for Additional Lane at Tsuen Wan Road (TMB) (D6.1) Piling Works	PW-4	102	_		+++	+++	++	+	+++	$\overline{\Box}$	++++	+	+++	+	+++	+++	+++	$\overline{}$	+++	$\overline{+}$	+++	+++	++	+	+++	-+++
5	(D6.2) Pile Caps and Piers	PW-4	102 -	47	53																						
6	(D6.3) Bridge Deck (D6.4) Roadworks, Drainage & Utilities	Work Zone 4I Work Zone 4I	103 -	54	59			\Box	+	+ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$		$+\Box$	+		\blacksquare		+	$+\Pi\Pi\Pi$					$+\Box\Box$	$+ \mp \mp \mp$	+ TTT	$+\Pi\Pi$	
8	(D6.5) Pavement	Work Zone 4I	100 -	62	62																						
1	(E) Work Zone along Widened Tsuen Wan Road for Relocation of Central Median														\blacksquare												
16	(E) Work Zone along Widened Tsuen Wan Road for Relocation of Central Median (E1) Dismanting Existing Parapet and Installation of New Profile Barrier	Work Zone 5A	103 298 49	63	69	 	 	 	- 		 	 	- 	 	+	 	 	49 49	49 49 49 49 49	 	 	 	 	 	- 	++++	
7	(E2) Roadworks	Works Area 5	96 296 41 100 296 46	70	71										\blacksquare					41 41						\bot	
8	(E3) Pavement (F) Work Zone between Tsuen Tsing Interchange and Tsing Tsuen Road	Works Area 5	100 296 46	72	/2	 	 	 	 		 	 	- 	 	+	 	 	 		46	 		 	 	 	++++	
1	Works Area 6														\perp											\bot	$\overline{}$
1 2	(F1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works (F2) Utilities Protection and Diversion Works	Works Area 6 Works Area 6	102 33 66	61	61	++++	++++	+++	++++	+++	+++++	 	++++	++++	+	++++	++++	66 64		++++	++++	++++	+++-	+++	++++	++++	
1	(F3) Construction of Bridge Structure for Slip Road C		- - -	"											\perp												
17	(F3.1) Modification of Tsuen Tsing Interchange Roundabout from 3-lane to 2-lane (F3.2) Removal of Existing Noise Barrier along Tsing Tsuen Road	Work Zone 6A Work Zone 6B	82 278 28	63	63	+++	++++	+++	+	+++	+++	++++	+	+	+	+++	++++	28	$\overline{}$	+++	$\overline{}$	+++	++-	+++	+	+++	$\overline{+}$
4	(F3.3) Piling Works	Piling Work Area 6	102 41 65	64	83													65	65 65 65 65	65 65 65 65	65 65 65 65 65	65 65 65					
5	(F3.4) Pile Caps ad Piers (F3.5) Bridge Deck	Piling Work Area 6 Works Area 6	102 41 65	66	86	\Box	+	+	+	+		+	+	+	\Box	+	+	+	65 65 65 65	65 65 65 65	65 65 65 65 65	65 65 65 65 65	65		00 00 00 00	00 00	-
14	(F3.6) Retaining Structures for At-grade Roads	Work Zone 6C	104 30 69	73	78															69 69	69 69 69 69		50 50 68	S 00 00 0	00 00 00 08	5 55	
3	(F3.7) Slopeworks	Work Zone 6D	105 38 69	79	84				\perp	\perp			\perp TIII	+	\blacksquare						69 61	69 69 69 69	+		+TTT		(00 00 00
7	(F3.8) Erection of Noise Barriers Frame and Panels (F3.9) Roadworks, Drainage & Utitities	Work Zone 6B Works Area 6	96 33 60	100	107			+	++++	++++		 		++++	+							 		 	 	00 68 68	60 60
8	(F3.10) Pavement	Works Area 6	100 33 65	108	108				\bot					\Box	\Box									\Box	$\overline{}$	\bot	65
ı		1				 	 	 			 	 		 	+	 	 	 			 	 	 	 	 	++++	
	•	Overall Nois	ise Level, Leq (30min), dB(A)						48	45 42 42 47	50	50 50 50 50 50	0 50 50 50 50	50	50 50 50 53 54	4 54 54 54 54	51 51 66 64 62 65	65 68 68 68 68	68 68 68 72 72	72 72 72 72 71 7	1 71 71 71 70 65	65 68 68 68	68 68 68 6	68 68 68 68	68 68 68 68 68	68 68 68 60 60 65

Remarks:

If The Works Area with length to width ratio exceeding 5 : 1 is divided into Subanass.

I2) Works area with are completely out of 300m assessment area from the NSR is not considered in the assessment.

I3) Notices at 30 (40) Facated Correction.

I4) For the calculation of sound pressure levels (SFL), the PMEs are assumed to be placed at the notional source position according to the "Technical Memoration on Noise from Construction Work on that Percussive Plinic" by EPD.

Appendix 4.12 Predicted Construction Noise Levels at Representative NSRs during Non-Restricted Hours (Mitigated Scenario)

NSR: ISNR1 - Face String West Estate Book 8

Scenario: Mitigated Scenario:

Representative Floor: 17F Floor mPD: 60 m

nepresentative ricor.		TIOUT III D.																									
		Work [7]				2028	I Aug Seo Oct Nov Dec J		2029	la la la la	2030	. la la la la		31	. Include	2032			2033		2034		2035	Jul Aug Sen Oct I	(n. la. 1 la.)	2036	· I. I. I. I. I.
Groups of PME	Construction Activity	Zone No	SWI (m) SPL	Building Start	End Jan Feb Mar	r Apr May Jun Ju	8 9 10 11 12			24 25 26 27	Apr May Jun Jul 28 29 30 31	22 33 34 35 36 30	n Feb Mar Apr May Jun 7 38 39 40 41 42	3ul Aug Sep Oct Nov De	8 49 50 51 5	pr May Jun Jul A	56 57 58 59	60 61 62 63 64	1ay Jun Jul Aug Sep	70 71 72 73 74 7	ar Apr May Jun Jul Aug	81 82 83 84 85 86	87 88 89 90	Jul Aug Sep Oct 1	95 96 97 98	99 100 101 102 1	103 104 105 106 107 108
	(A) Work Zone at Tai Chung Road Interchange	NO.	SWL (m) 4-1	Screening Monen	MORES 1 2 3	1 3 8 7	8 9 10 11 12	13 14 13 16	1/ 16 19 20 21 22 23	2 2 2 2	20 20 30 31	32 33 34 33 36 3	30 39 40 41 42	45 44 45 46 47 4	0 49 30 31 3	2 33 34 33 3	30 37 30 33	60 61 62 63 64	55 66 67 66 69	10 /1 /2 /3 /4 /	3 76 77 78 79 80	81 82 83 84 80 86	87 88 89 90	91 92 93 94	20 20 2/ 28	39 100 101 102 10	23 104 105 106 107 108
	Works Area 1 (A1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works	Works Area 1	400		~ 	$\overline{}$	$\overline{}$	$\overline{}$		$\overline{}$	$\overline{}$				$\overline{}$	$\overline{}$	$\overline{}$		$\overline{}$			$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$	$\overline{+}$	$\overline{}$
2	(A2) I Million Protection and Diversion Works	Works Area 1	99 -	26	26	 	+ + + + + + + + + + + + + + + + + + + 	- - - 					 		 				 					\rightarrow		+++	
	(A3) Construction of Bridge Structure for Slip Road E	PW-1																					$\overline{}$	$\overline{}$	==	\bot	$\pm \pm \pm \pm \pm \pm$
4 5	(A3.1) Piling Works (A3.2) Pile Caps and Piers	PW-1 PW-1	102 -	27	38	 		- - - 		 	- - - 														-		
6	(A3.3) Britine Deck	Work Zone 1A	103 -	39	48																						
9 7	(A3.4) Modification of Existing Bridge Structure of Tsuen Wan Road for Connection (A3.5) Roadworks, Drainage & Utilities	Work Zone 1A Works Area 1	101 -	49	54		$\overline{}$	$\overline{}$			-				-	$\overline{}$							++++			+++	$\overline{}$
8	(A3.6) Payement	Works Area 1	100 -	57	57	 											-							-	$\overline{}$	$\overline{}$	$\overline{}$
	(A4) Improvement at Hoi Hing Road / Hoi On Road Junction																									\blacksquare	
7	(A4.1) Roadworks, Drainage & Utilities (A4.2) Pavement	Works Area 1 Works Area 1	96 -	58	59	++++		- - - 		 						++++							++++	\rightarrow		+++	+
	(B) Work Zone between Tai Ho Road and Tsuen Tsing Interchange	11000 7441	100	"	~ 																						
	Works Area 2							\perp								\perp							+++	-	-		\perp
1 2	(B1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works (B2) Utilities Protection and Diversion Works	Works Area 2 Works Area 2	102 228 49 99 228 47	25	25 26	 		- - - 		49 47	- 					 	-						++++				
•	(B3) Construction of Bridge Structure for Additional Lane above Tsuen Wan Park		22 220 41	1 1				-			-				-	-							$\overline{}$	\rightarrow	-	-	$\overline{}$
4	(B3.1) Piling Works	PW-2 PW-2	102 -	27	47																			$\overline{}$		$\neg \neg \neg$	
5	(B3.2) Pie Caps and Piers (B3.3) Bridge Deck	PW-2 Works Area 2	102 -	29	49			- - - 			+				51 51 5	3 51 51 51 5	51 51 51						++++	\rightarrow		++++	+
9	(B3.4) Modification of Existing Bridge Structure of Tsuen Wan Road for Connection	Work Zone 2A	101 198 50	51	59			-			-				50 5	0 50 50 50 5	50 50 50 50						$\overline{}$	\rightarrow	$\overline{}$	-	$\overline{}$
7	(B3.5) Roadworks, Drainage & Utilities	Works Area 2	96 228 44	60	61			\perp							-		$\overline{}$	44 44	-	-			-	$\overline{}$	-	-	
8	(B3.6) Pavement (B4) Construction of Cantilever Noise Barrier, Vertical Barrier and Noise Semi-enclosure	Works Area 2	100 228 48	62	62	++++	 	- - - 		 	- 		 		+++	 	 	48	 	- 	 	- 	 	\rightarrow		++++	++++
4	(B4.1) Piling Works	PW-2-NMM	102 -	27	50																						
5	(B4.2) Pile Caps and Piers	PW-2-NMM	102 -	29	52	+TTT	$+\Box\Box$	$+ \Box$			\Box				1777	+ T T T	\perp		\perp	+TTTT		+TTTT	+	\Box	\Box	$+$ \mp \mp	$+\Pi\Pi$
11	(B4.3) Erection of Noise Barrier Frame and Panels (B5) Construction of Bridge Structure for New Downramp from Tsuen Wan Road (KinB) to TTI	Work Zone 2B	104 -	53	94	 	 	- 		 	- 		 		- 	- - - 	- 		- 				- 			+++	
4	(BS.1) Piling Works	PW-2A	102 -	27	33			\neg																			
5	(B5.2) Pile Caps and Piers (B5.3) Bridge Deck	PW-2A Works Area 2	102 -	29	35	++++		++++		\cdots	+		0 0 0 0 0	0 0 0 0 0	+++	+++	-	-	++++	++++			+++++			+++	+
9	(B5.4) Modification of Existing Bridge Structure of Tsuen Wan Road for Connection	Work Zone 2C	103 226 51	48	53			- 		 	 	31 31	51 51 51 51 51	51 51 51 51 51		-	-						 	\rightarrow		+++	
10	(B5.5) Demolition of Existing Downramp	Work Zone 2D	101 -	54	59																						
7	(B5.6) Roadworks, Drainage & Utilities (B5.7) Pavement	Work Zone 2D Work Zone 2D	96 -	60	61	 					-					-	-						++++		-	+++	+
۰	(B6) Modification of At-grade Roads	WORZON ZD	100	02	° -			- - - 		 						+ + + + +							++++	\rightarrow	\rightarrow	+++	++++++++++++++++++++++++++++++++++++
7	(B6.1) Roadworks, Drainage & Utilities	Works Area 2	96 228 44 100 228 48	27	28					44	44																
8	(B6.2) Pavement (C) Work Zone between Tsuen Tsing Interchange and Kwai Tsing Interchange	Works Area 2	100 228 48	29	29	+++	+++++	+++			48	-			+++	+++	-	-	+	++++	+		++++	+++	+++	+	+
	Works Area 3					 	 	- 		 	- 				 	 			 				 	-		$\overline{}$	-
1	(C1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works	Works Area 3	102 145 53	1	1 53																		$\overline{}$	$\overline{}$	-	$\overline{}$	$\overline{}$
2	(C2) Utilities Protection and Diversion Works (C3) Retaining Structures for At-grade Roadworks	Works Area 3 Work Zone 38	99 145 51	2	2 51 50	50 50 50 50	50 50 50 50 50	50 50 50 50	50 50 50 50 50 50	50 50 50	-				++++	+++			+				++++	$\rightarrow \rightarrow \rightarrow$	-	+++	$\overline{}$
3	(C4) Sinneworks	Work Zone 3B	105 130 58	27	41 50	20 20 20 20	5 56 56 56 56 56	2 2 2 2		56 56 56 58	58 58 58 58	58 58 58 58 58	58 58 58 58														
12	(C5) Modification of Kwai Hei Street Underpass (HyD Structure No. N521)	Work Zone 3C Work Zone 3D	105 246 52	1	12 52 52 52	52 52 52 52	2 52 52 52 52 52	$\overline{}$			$\overline{}$				$\overline{}$	$\overline{}$		$\overline{}$		$\overline{}$	$\overline{}$				-	$\overline{}$	$\overline{}$
13	(C6) Modification of Kwai Hei Street Footbridge (HyD Structure No. NF185) (C7) Roadworks, Drainage & Utilities	Work Zone 3D Works Area 3	105 208 53 96 145 48	1 46	12 53 53 53 47	53 53 53 53	3 53 53 53 53 53	- - - 		 	- - - 			48 48		 											
8	(C8) Pavement	Works Area 3	100 145 52	48	48									5	2									لللك			
	(D) Work Zone between Kwai Tsing Interchange and Container Port Road Works Area 4					+++		+		-	+				+	-	-	$\overline{}$	+	$\overline{}$		$\overline{}$	++++	\rightarrow	-	+	+
1	(D1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works	Works Area 4	102 -	13	13	+++	+++++								-		-		+	-	+	-	++++	\leftarrow	\leftarrow	+++	+
2	(D2) Utilities Protection and Diversion Works	Works Area 4	99 -	14	14																		$\overline{}$	-	$\overline{}$	\bot	
14	(D3) Retaining Structures for At-grade Roadworks (D4) Slopeworks	Work Zone 4A Work Zone 4B	104 -	15	27	-		++++			-				+	-	-	-	+	-			++++	-++	-	++++	
	(D5) Construction of Bridge Structure for Tsuen Wan Road (TMB) Upramp		100 -	100	"						-				-				-				-	-	-	-	-
1	(D5.1) Site Clearance at Existing Kwai Shun Street Cooked Food Market	Work Zone 4C	102 -	13	13			\Box																$\overline{}$	\Box	$\overline{}$	
4 5	(DS.2) Piling Works (DS.3) Pile Caps and Piers	PW-4A PW-4A	102 -	14	20	 		- - - 		 	- - - 					 	-										
6	(D5.4) Bridge Deck to widen Ramp F	Work Zone 4D	103 -	23	27			\bot								\Box							\Box		ш	$\rightarrow \rightarrow \rightarrow$	\bot
10	(D5.5) Demolition of Existing Downramp (Part 1) (D5.6) Construction of New Downramp	Work Zone 4E Work Zone 4F	101 -	28	30	+++	+++++	++++		\cdots	+	-		-	+++	+++	-	++++	++++	++++	+		+++++	+++	++++	++++	+
10	(DS.7) Demolition of Existing Downramp (Part 2)	Work Zone 4G	101 -	34	36	 	+ + + + + + + + + + + + + + + + + + + 	- 															 	-		+	+
7	(D5.8) Roadworks, Drainage & Utilities	Work Zone 4H	96 -	37	38											$\perp \top \top \top$				\bot \bot \bot \bot			\Box			\bot	\perp
8	(DS.9) Pavement (DS) Construction of Bridge Structure for Additional Lane at Tsuen Wan Road (TMB)	Work Zone 4H	100 -	39	39	++++	 	- 		 	- 		 		++++	++++		 	 		 	- 	 	\rightarrow	\leftarrow	+++	++++
4	(D6.1) Piling Works	PW-4	102 -	40	46																						
5	(D6.2) Pile Caps and Piers	PW-4 Work Zone 4I	102 -	47	53	++	++++	\dashv		+++	-	-	+++	-	+++	+++	+	+++	+++	+	+++	+++	++++	\neg	-	$+++\mp$	+++
7	(D6.3) Bridge Deck (D6.4) Roadworks, Drainage & Utilities	Work Zone 4I	96 -	60	61	1 1 1 1	 	- 		 			 		111	111			- 					\rightarrow	\rightarrow	+++	++++++++++++++++++++++++++++++++++++
8	(D6.5) Payement	Work Zone 4I	100 -	62	62																					\rightarrow	
	(E) Work Zone along Widened Tsuen Wan Road for Relocation of Central Median (E) Work Zone along Widened Tsuen Wan Road for Relocation of Central Median					+++	++++	++++		++++			++++	++++	++++	+++	+++	++++		++++	+++++	++++	+++++	\rightarrow	-+++	+++	+++++
16	(E1) Dismantling Existing Parapet and Installation of New Profile Barrier	Work Zone 5A	103 153 55	63	69													55 55	55 55 55 55								
7	(E2) Roadworks	Works Area 5	96 189 45	70	71															45 45			\Box	\blacksquare		\blacksquare	
8	(E3) Pavement (F) Work Zone between Tsuen Tsing Interchange and Tsing Tsuen Road	Works Area 5	100 189 50	72	72	++++	+++++	++++		 	+++		 		++++	+++			 	50	+++++	++++	++++++++++++++++++++++++++++++++++++	\rightarrow	-	+++	++++++
	Works Area 6																										
1	(F1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works	Works Area 6	102 -	61	61		\perp								+	\perp			\perp			\perp	+			+	\perp
2	(F2) Utilities Protection and Diversion Works (F3) Construction of Bridge Structure for Slip Road C	Works Area 6	99 -	62	62	++++	 	- - - 		 	- 		++++		++++	+++	+++	 	 		 		 	\rightarrow	\leftarrow	++++	++++
17	(F3.1) Modification of Tsuen Tsing Interchange Roundabout from 3-lane to 2-lane	Work Zone 6A	82 -	63	63																						
15	(F3.2) Removal of Existing Noise Barrier along Tsing Tsuen Road	Work Zone 6B	97 -	63	63	++	++++++++++++++++++++++++++++++++++++	++		++	+	++	+++	++	++	++	$+\Box$	++	++	++	++++++++++++++++++++++++++++++++++++	$++\Pi$	+++	-	+	$++\mp$	+++
5	(F3.3) Piling Works (F3.4) Pile Caps ad Piers	Piling Work Area 6 Piling Work Area 6	102 -	64	86	 	 	- - - 		 	- 		 			 	- 		- 		 					+++	
6	(F3.5) Bridge Deck	Works Area 6	103 -	87	99			\neg																			
14	(F3.6) Retaining Structures for At-grade Roads	Work Zone 6C	104 -	73	78	++	++++++++++++++++++++++++++++++++++++	++		++	+	++	+++	++	++	++	+	++	++	++	++++++++++++++++++++++++++++++++++++	$++\Box$	+++	-	-	$++\mp$	+++=
11	(F3.7) Slopeworks (F3.8) Erection of Noise Barriers Frame and Panels	Work Zone 6D Work Zone 6B	105 -	79 100	105	++++	 	- - - 		 	- 		+ + + + + + + + + + + + + + + + + + + 		 	- - - 	- 									+++	++++
7	(F3.9) Roadworks, Drainage & Utilities	Works Area 6	96 -	106	107																		\Box			\rightarrow	$\rightarrow \rightarrow \rightarrow \rightarrow$
8	(F3.10) Pavement	Works Area 6	100 -	108	108	 	 			 													++++++++++++++++++++++++++++++++++++	\rightarrow		+++	++++++++++++++++++++++++++++++++++++
1							 	- 		 	- 	 	 		- 	- 			- 	- 				\rightarrow			++++++++++++++++++++++++++++++++++++
		Overall Nois	se Level, Leq (30min), dB((A)	58 57 59	9 59 59 59 59	9 59 59 59 59 59	56 56 56 56	56 56 56 56 56 56 56	56 57 57 58	58 58 58 58	58 58 58 58 59 5	9 59 59 59 59 51	51 51 51 53 53 5	2 51 54 5	54 54 54 54 5	54 54 54 50	44 44 48 55 55	55 55 55 55 55	45 45 50			\Box			$\tau \tau \tau \tau$	-

Remarks:

11 The Works Area with length to width ratio exceeding 5:1 is divided into Subareas.

21 Works area which are completely out of 300m assessment area from the NSR is not considered in the assessment.

33 Includes a +3 dB(A) Facache Correction.

41 For the exclusion of sound resource levels (SPL), the PMEs are assumed to be placed at the notional source position according to the "Technical Memorandum on Noise from Construction Work other than Percussive Pilling" by EPD.

Appendix 4.12 Predicted Construction Noise Levels at Representative NSRs during Non-Restricted Hours (Mitigated Scenario)

NSR: UKSS: Lis King Carboic Secondary School

Scenario: Mitigated

Representative Floor: 3F Floor mPD: 12.7 m

		Work [1]			ı	2028			2029		2030			2031		2032	12		2033		2034		2035		20	136
		Zone	Dist ⁽²⁾	Building Start Fort	Jan Feb Mar	Apr May Jun Jul	Aug Sep Oct Nov Dec	Jan Feb Mar A	pr May Jun Jul Aug S	iep Oct Nov Dec Jan	Feb Mar Apr May Jun J	al Aug Sep Oct Nov Dec	Jan Feb Mar Apr May J	un Jul Aug Sep Oct Nov	Dec Jan Feb Mar	Apr May Jun J	Jul Aug Sep Oct Nov	Dec Jan Feb Mar Apr I	May Jun Jul Aug Sep	Oct Nov Dec Jan Feb M	ar Apr May Jun Jul Aug S	sep Oct Nov Dec Jan Feb	Mar Apr May Jun Jul Au	ag Sep Oct Nov Dec Jan	Feb Mar Apr May Jun	Jul Aug Sep Oct Nov Dec
Groups of PME	Construction Activity	No.	SWL (m) SPL ^M	Screening Month Month	1 2 3	4 5 6 7	8 9 10 11 12	13 14 15 1	6 17 18 19 20	21 22 23 24 25	26 27 28 29 30 3	1 32 33 34 35 36	37 38 39 40 41 4	2 43 44 45 46 47	48 49 50 51	52 53 54 5	55 56 57 58 59	60 61 62 63 64	65 66 67 68 69	70 71 72 73 74 7	5 76 77 78 79 80	81 82 83 84 85 86	87 88 89 90 91 9	2 93 94 95 96 97	98 99 100 101 102	103 104 105 106 107 108
	(A) Work Zone at Tai Chung Road Interchange Works Area 1			1 1 1	$\overline{}$	-		$\overline{}$															++++		-+++-	++++++++++++++++++++++++++++++++++++
1	(A1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works	Works Area 1	102 -	25 25																						
2	(A2) Utilities Protection and Diversion Works (A3) Construction of Bridge Structure for Slip Road E	Works Area 1	99 -	26 26	\Box	-		\cdots								-	-	$\overline{}$	$\overline{}$	-		-				
4	(A3.1) Piling Works	PW-1	102 -	27 36	-	-										-			-							++++++++++++++++++++++++++++++++++++
5	(A3.2) Pile Caps and Piers	PW-1	102 -	29 38																						
6	(A3.3) Bridge Deck (A3.4) Modification of Existing Bridge Structure of Tsuen Wan Road for Connection	Work Zone 1A Work Zone 1A	103 -	39 48	\vdash	-	-	-	+	-	-	+	-		-		-		+	+	+	+	++++	+		+
7	(A3.5) Roadworks, Drainage & Utilities	Works Area 1	96 -	55 56	-	-	 	 	 			 	 		 	 						 				
8	(A3.6) Pavement	Works Area 1	100 -	57 57																						
7	(A4) Improvement at Hoi Hing Road / Hoi On Road Junction (A4.1) Roadworks, Drainage & Utilities	Works Area 1	96 .	58 59	\vdash		 	 	 			 			 	 		 								
8	(A4.2) Payement	Works Area 1	100 -	60 60																						
	(B) Work Zone between Tai Ho Road and Tsuen Tsing Interchange				\Box	-										-			-							
	Works Area 2 (B1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works	Works Area 2	102	26 26	\rightarrow	-		$\overline{}$		+	+++++	+				+++	-		+		+++++		+++++		+++	+
2	(B2) Utilities Protection and Diversion Works	Works Area 2	99 -	26 26																						
	(B3) Construction of Bridge Structure for Additional Lane above Tsuen Wan Park				\Box														\Box							
4	(B3.1) Piling Works (B3.2) Pile Caps and Piers	PW-2 PW-2	102 -	27 47	-		 	 	 	 						 			- 		+		\cdots			-
6	(B3.3) Bridge Deck	Works Area 2	103 -	50 58																						
9	(B3.4) Modification of Existing Bridge Structure of Tsuen Wan Road for Connection	Work Zone 2A	101 -	51 59															\bot							
8	(B3.5) Roadworks, Drainage & Utilities (B3.6) Pavement	Works Area 2 Works Area 2	100 -	62 61 62 62	-	- 	 	 			-	 		 	 	 		 			 		 	 		
	(B4) Construction of Cantilever Noise Barrier, Vertical Barrier and Noise Semi-enclosure		1 " 1	1 1 - 1																						
4	(B4.1) Piling Works (B4.2) Pile Caps and Piers	PW-2-NMM PW-2-NMM	102 -	27 50	\vdash	+	+++	++	+++	$+++$ $\overline{-}$	++++	+++	+	+++	\Box	+++	+++	++++	+++	$\overline{}$	+++	+++		+++	-	++++
11	(B4.3) Erection of Noise Barrier Frame and Panels	Work Zone 2B	104 -	53 62			 	 	 	 	++++	 				 		 			 					
	(B5) Construction of Bridge Structure for New Downramp from Tsuen Wan Road (KinB) to TTI			1 1 1																						
4 5	(BS.1) Piling Works (BS.2) Pile Caps and Piers	PW-2A PW-2A	102 -	27 33	\vdash	+++	++++	+++	++++		++++	++++	++++	++++		++++	+++	 	++++	++++	 	++++	+++++	+++++	+++	++++++++++++++++++++++++++++++++++++
6	(B5.3) Bridge Deck	Works Area 2	103 -	36 47																						
9	(B5.4) Modification of Existing Bridge Structure of Tsuen Wan Road for Connection (B5.5) Demolition of Existing Downramp	Work Zone 2C Work Zone 2D	101 -	48 53					+				\perp						\perp		\perp	+		\perp		
7	(B5.5) Demotion of Existing Downramp (B5.6) Roadworks, Drainage & Utilities	Work Zone 2D Work Zone 2D	96 .	60 61	-	-		 								 										
8	(BS.7) Pavement	Work Zone 2D	100 -	62 62																						
-	(B6) Modification of At-grade Roads (B6.1) Roadworks, Drainage & Utilities	Works Area 2			\longrightarrow	-	++++	\cdots	++++	-	\cdots	+++++	++++	++++	-	\cdots	-	\cdots	+	++++	+	++++		+	+++	
8	(B6.2) Payement	Works Area 2	100 -	29 29	-	-	 	 	 			 	 		 	 		 	- 							
	(C) Work Zone between Tsuen Tsing Interchange and Kwai Tsing Interchange																									
	Works Area 3 (C1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works	Works Area 3	102	, ,	\vdash	-	-	-	+	-	-	+	-	+	-		-	-	+	+	+	+	++++	+		
2	(C2) Utilities Protection and Diversion Works	Works Area 3	99 -	2 2	$\overline{}$												-								$\overline{}$	
14	(C3) Retaining Structures for At-grade Roadworks	Work Zone 3A	104 -	3 26	\Box																					
3 12	(C4) Slopeworks (C5) Modification of Kwai Hei Street Underpass (HyD Structure No. N521)	Work Zone 3B Work Zone 3C	105 -	27 41	\vdash		 	 	 			 			 	 										
13	(C6) Modification of Kwai Hei Street Footbridge (HyD Structure No. NF185)	Work Zone 3D	105 -	1 12																						
7	(C7) Roadworks, Drainage & Utilities (C8) Pavement	Works Area 3 Works Area 3	96 -	46 47	\vdash	-	++++	\cdots	++++	+	\cdots	+++++	++++	++++	-	\cdots		\cdots	++++	++++	+	++++		+	+++	
°	(D) Work Zone between Kwai Tsing Interchange and Container Port Road	WORG AND 3	100	40 40	-	-	 	 	 	 		 	 	+ + + + + + + + + + + + + + + + + + + 	 	 	- 	 	- 		 	 				
	Works Area 4																									
1 2	(D1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works (D2) Utilities Protection and Diversion Works	Works Area 4 Works Area 4	102 236 49 99 236 47	13 13	\vdash	-	 	49 47	 			 			 	 										
14	(D3) Retaining Structures for At-grade Roadworks	Work Zone 4A	104 -	15 27																						
3	(D4) Slopeworks (D5) Construction of Bridge Structure for Tsuen Wan Road (TMB) Upramp	Work Zone 4B	105 -	28 39	\vdash	-	++++	\cdots	++++	-	\cdots	+++++	++++	++++	-	\cdots		\cdots	++++	++++	+	++++		+	+++	
1	(D5.1) Site Clearance at Existing Kwai Shun Street Cooked Food Market	Work Zone 4C	102 214 50	13 13	-	-	 	50	 	 		 	 		 	 		 	- 		 	 				
4	(D5.2) Piling Works	PW-4A	102 199 51	14 20				51 51 5	1 51 51 51 51																	
5	(DS.3) Pile Caps and Piers (DS.4) Bridge Deck to widen Ramp F	PW-4A Work Zone 4D	102 199 51	16 22	\vdash	-	 		1 51 51 51 51	51 51 52 52 52	50 50	 			 	 										
10	(D5.5) Demolition of Existing Downramp (Part 1)	Work Zone 4E	101 286 47	28 30							47 47 47															
6	(D5.6) Construction of New Downramp (D5.7) Demolition of Existing Downramp (Part 2)	Work Zone 4F Work Zone 4G	103 278 50	31 33	\vdash	+	+++	++	+++	+++		50 50 0	+	+++	\Box	++	+++	++++	+	-	+++	+++	++++=	+++	++	++++=
7	(DS.7) Demotion of Existing Downramp (Part 2) (DS.8) Roadworks, Drainage & Utilities	Work Zone 4H	96 236 43	37 38		111	 	 	 	- 	++++	7/ 7/ 4/	43 43	 		 		 			 		 			
8	(DS 9) Payament	Work Zone 4H	100 236 48	39 39									48													
4	(DS) Construction of Bridge Structure for Additional Lane at Tsuen Wan Road (TMB) (D6.1) Piling Works	PW-4	102 291 48	40 46	 	+++	 	 	 	 	 	 	48 48 4	8 48 48 48 48	 	 		 	 		 	 	 	 	_+++	
5	(D6.2) Pile Caps and Piers	PW-4	102 291 48	47 53										48	48 48 48 48	48 48										
6	(D6.3) Bridge Deck	Work Zone 4I Work Zone 4I	103 281 49	54 59	\vdash	$+\Box$	+++	++	+	++	++	$+++\mp$	++	+++		49 4	49 49 49 49 49		++	++	$+++\mp$	++	++++++++++++++++++++++++++++++++++++	+++-	++	+++==
8	(D6.4) Roadworks, Drainage & Utilities (D6.5) Pavement	Work Zone 4I Work Zone 4I	96 281 42 100 281 46	62 62	 	- 	 	 	 		 	 		 	 	 		42 42			 		 	 		
_	(E) Work Zone along Widened Tsuen Wan Road for Relocation of Central Median		1	1 1-1-																						
16	(E) Work Zone along Widened Tsuen Wan Road for Relocation of Central Median (E1) Dismantling Existing Parapet and Installation of New Profile Barrier	Work Zone 5A	102 220 54		++	+	+++	++	+++	+++	++++	 	+	++++		+++	-	51 71	51 51 51 51 71	+++	+++	+++	 	+++	-++	++++
7	(E2) Roadworks	Works Area 5	96 229 44	70 71														31 31	3. 3. 3. 31 31	44 44						
8	(E3) Pavement	Works Area 5	100 229 48	72 72																48						
	(F) Work Zone between Tsuen Tsing Interchange and Tsing Tsuen Road Works Area 6						 	 	 	+++	++++	 		++++	 	 		 			 		 	 		
1	(F1) Site Clearance / Set-up / Plant Mobilization / Tree Felling and Transplanting Works	Works Area 6	102 -	61 61																						
2	(F2) Utilities Protection and Diversion Works (F3) Construction of Bridge Structure for Slip Road C	Works Area 6	99 -	62 62		\Box			\perp				\perp	\perp			\neg		\perp	\perp	\perp	+		\perp		
17	(F3) Construction of Bridge Structure for Slip Road C (F3.1) Modification of Tsuen Tsing Interchange Roundabout from 3-lane to 2-lane	Work Zone 6A	82 -	63 A3	 	- 	 	 	 			 		 	 	 		 			 		 	 		
15	(F3.2) Removal of Existing Noise Barrier along Tsing Tsuen Road	Work Zone 6B	97 -	63 63																						
4 6	(F3.3) Piling Works (F3.4) Pile Caps ad Piers	Piling Work Area 6 Piling Work Area 6	102 -	64 83	+++	+	+++	++	+++	+++	++++	 	+	++++		+++	-	++++	+++	$\overline{}$	+++	+++	 	++++	-	++++
6	(F3.5) Bridge Deck	Works Area 6	103	87 99	\vdash	- 	 	 	 		 	 		+ + + + + + + + + + + + + + + + + + + 	 	 		 			 		 	 	_ 	
14	(F3.6) Retaining Structures for At-grade Roads	Work Zone 6C	104 -	73 78																					$\overline{}$	
3	(F3.7) Slopeworks (F3.8) Erection of Noise Barriers Frame and Panels	Work Zone 6D Work Zone 6B	105 -	79 84	\vdash	+	++++	+++	++++	+++	++++	++++	++++	++++		+++	+++	+++++	+++	++++	+++++	 	+++++	++++	+++	+++++-
7	(F3.9) Roadworks, Drainage & Utitities	Works Area 6	96 -	106 107																						
8	(F3.10) Pavement	Works Area 6	100 -	108 108		$-\Box$			+	$+$ \top \top	\Box	$+\Box$	+TTTT	$+\Pi\Pi$		\Box	\perp	\Box	+ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$	+TTT			\Box	$+\Box$		
				1 1 1	\vdash	+++		 	 			 		 	 	 	- 	 			 		 	 	$\overline{}$	
		Overall Noise	se Level, Leq (30min), dB(A	9		-	 	53 52 51 5	4 54 54 54 54	51 51 52 52 52	52 52 47 47 47 5	0 50 50 47 47 47	43 43 48 48 48 4	8 48 48 48 48 48	48 48 48 48	48 48 49	49 49 49 49 49	42 42 46 51 51	51 51 51 51 51	44 44 48		 	 	+ + + + + + + + + + + + + + + + + + + 	_ 	

Remarks:

11 The Works Area with length to width ratio exceeding 5:1 is divided into Subareas.

21 Works area which are completely out of 300m assessment area from the NSR is not considered in the assessment.

33 Includes a +3 dBIA/F scade Correction.

41 For the existation of sound resure levels (SPL), the PMEs are assumed to be placed at the notional source position according to the "Technical Memorandum on Noise from Construction Work other than Percussive Pilling" by EPD.