Appendix 6.5B Sample Calculation of Construction Noise Levels during Restricted Hours - Unmitigated Scenario

OM1 - Shun Man House, Oi Man Estate Unmitigated ▼

		Work [1	1]						2012						201	13				20	14						2015						2016						2017	7						2018				
		Site		Dist [2]	Shie	elding Jar	n Feb Mar	Apr May	Jun Jul	Aug Sep	Oct Nov	Dec Jan	Feb Mar	Apr Ma	y Jun .	Jul Aug Sep	Oct Nov De	c Jan Feb	Mar Apr	May Jun	Jul Aug	Sep Oct	Nov De	c Jan I	Feb Mar A	pr May J	lun Jul	Aug Sep	Oct Nov D	c Jan Fe	b Mar A	or May Ju	ın Jul A	ug Sep (Oct Nov D	ec Jan F	Feb Mar	Apr Ma	y Jun J	Jul Aug	Sep Oct	Nov Dec	c Jan Fr	eb Mar	Apr May	Jun Ju	ul Aug S	Sep Oct	Nov D	ac
Package	Construction Activity	No.	SWL	(m) SPL	[3] Ef	ffect -5	-4 -3	-2 -1	1 2	3 4	5 6	7 8	9 10	11 12	13	14 15 16	17 18 19	9 20 21	22 23	24 25	26 27	28 29	30 31	32	33 34 3	35 36	37 38	39 40	41 42 4	3 44 45	5 46 4	7 48 4	9 50 5	1 52	53 54 5	55 56	57 58	59 60	J 61 F	62 63	64 65	66 67	/ 68 6	69 70	71 72	73 7/	4 75	76 77	78 7	9
NAT & Related	Area C6																																																	J
Work																																																		
	Portal 1A Noise Barriers Construction																																																	
								'	<u> </u>																																									
	Noise Barriers Construction - Group 1	NE	114	49 75	5	0																																	75 7	/5 75	75 75	75 75	75 7	75						
																																				\perp									$\perp \!\!\!\perp$					
	Overall Noise Level (SCL - Mong Ko	ok East to H	Hung Hom	Section), Leq	(30min).	, dB(A) -	T - I - '			'				1 - 1 -	1 - 1									-				- -					- -				7	(· ·	75 7	75 75	75 75	75 75	75 7	75 -		(· (·	- 1 - 1		-	- 7

Remarks:
[1] The Works Area with length to width ratio exceeding 5: 1 is divided into Subareas.
[2] Noise source at more than 300m from the sensitive receiver are not considered in the noise assessment due to large distance attenuation effect.
[3] For the calculation of sound pressure 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 6.5B Sample Calculation of Construction Noise Levels during Restricted Hours - Unmitigated Scenario

OM2 - Parc Palais, Block 6 Unmitigated ▼

		Work [1]	$\overline{}$					2012		1		2013	3					2014						2015			1			2016			1			2017						2018			_
		Site	Dist [2]	Shield	ling Jan F	eb Mar Ap	or May Jui	n Jul Aug Se	ep Oct Nov De	c Jan Feb	Mar Apr Ma	y Jun J	lul Aug S	Sep Oct N	ov Dec Ja	an Feb Ma	Apr May	Jun Jul	Aug Sep O	t Nov De	c Jan Feb	Mar Apr	r May Ju	n Jul Aug	ıg Sep O	ct Nov D	ec Jan	Feb Mar A	pr May Ju	un Jul A	ug Sep Oc	t Nov Dec	Jan Feb	Mar Apr	r May J	un Jul /	Aug Sep	Oct No	v Dec Jan	n Feb Mar	Apr May	Jun Jul	Aug Sep	Oct N	Dec
Package	Construction Activity	No. SWL	(m) 5	SPL [3] Effe	ct -5 -	-4 -3 -2	2 -1 1	2 3 4	4 5 6 7	8 9	10 11 1:	2 13	14 15	16 17 1	8 19 2	0 21 22	23 24	25 26	27 28 2	30 31	32 33	34 35	36 37	7 38 39	9 40 4	11 42	43 44	45 46 4	47 48 4	19 50 5	51 52 53	3 54 55	56 57	58 59	60	61 62	63 64	65 66	67 68	69 70	71 72	73 74	75 76	77 7	79
NAT & Related	Area C6																																												
Work											$\neg \neg$							\neg	$\neg \neg$																\top							TTT			П
	Portal 1A Noise Barriers Construction										$\neg \neg$							\neg	$\neg \neg$																\top										П
	Noise Barriers Construction - Group 1	NE 114	77	72 0																																2 72	72 72	72 72	72 72	72					
																																													Γ
	Overall Noise Level (SCL - Mor	ng Kok East to Hung Ho	m Section),	Leg (30min), d	B(A) -													- -																	- 17	72 72	72 72	72 72	72 72	72 -				T-	-

Remarks:
[1] The Works Area with length to width ratio exceeding 5: 1 is divided into Subareas.
[2] Noise source at more than 300m from the sensitive receiver are not considered in the noise assessment due to large distance attenuation effect.
[3] For the calculation of sound pressure 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 6.5B Sample Calculation of Construction Noise Levels during Restricted Hours - Unmitigated Scenario

HH1 - Wylie Court, Block C Unmitigated ▼

		Work [1]	_					201	2	_		20	13				2	014					2015						2016						2017				l		20	118		
		Site	Dist [2]		Shielding J	an Feb M	lar Apr M	ay Jun J	lul Aug Sep Oct Nov D	ec Jan Feb M	ar Apr M	ay Jun	Jul Aug	Sep Oct Nov	Dec Jar	n Feb Mar A	pr May Jun	Jul Aug	Sep Oct Nov	Dec Jan	Feb Mar	Apr May	Jun Jul	Aug Sep	Oct Nov	Dec Ja	n Feb Mar	Apr May	Jun Jul	Aug Sep	Oct Nov De	ec Jan F	eb Mar	Apr May	Jun Ju	ul Aug	Sep O	ct Nov Dec	Jan Feb	Mar Apr	May Jun	Jul Aug	Sep Oc	Nov De
Package	Construction Activity	No. SW	/L (m)	SPL [3]	Effect	-5 -4 -	3 -2 -	1 1 1	2 3 4 5 6	7 8 9	0 11 1	2 13	14 15	16 17 18	19 20	0 21 22 2	3 24 25	26 27	28 29 30	31 32	33 34	35 36	37 38	39 40	41 42	43 4	4 45 46	47 48	49 50	51 52	53 54 5	55 56 5	7 58	59 60	61 6	2 63	64 6	5 66 67	68 69	70 71	72 73	74 75	76 77	78 7
NAT & Related	Area C6																																											
Work																																												
	Portal 1A Noise Barriers Construction											\neg																					$\neg \neg$											
	Noise Barriers Construction - Group 1	NE 11	4 187	64	0																														64 6	4 64	64 6	4 64 64	64 64					
	Overall Noise Level (SCL - Mong K	ok East to Hung H	om Section), Leq (30n	min), dB(A)							- -						- -									- - -						- -		64 6	4 64	64 6	4 64 64	64 64					

- Remarks:
 [1] The Works Area with length to width ratio exceeding 5: 1 is divided into Subareas.
 [2] Noise source at more than 300m from the sensitive receiver are not considered in the noise assessment due to large distance attenuation effect.
 [3] For the calculation of sound pressure 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.