## Appendix 4.6 Construction Noise Calculation during Restricted Hours (Unmitigated Scenario)

Appendix 4.6 Construction Noise Calculation during Restricted Hours (Unmitigated Scenario)

NSR: C082 - Clapse Gender Intate Block A

Scenario: Unmitigated Scenario: Floor mPD: 15.3 m

		Work [1]						028			202	29			2030				2031			2	132				2033				2034			2	035			2036	
		Zone	Dist <sup>(2)</sup>	Building	Start End	Jan Feb Mar	Apr May Ju	n Jul Aug Sep	Oct Nov Dec Ja	n Feb Mar	Apr May Jun	Jul Aug Sep C	ct Nov Dec Jan	Feb Mar Ap	or May Jun Jul	Aug Sep Oct Nov	Dec Jan Fei	b Mar Apr May	Jun Jul Aug S	p Oct Nov	Dec Jan Feb M	ar Apr May Jun	Jul Aug S	Sep Oct Nov Dec	Jan Feb I	Mar Apr May J	un Jul Aug Se	p Oct Nov	Dec Jan Feb Ma	r Apr May .	Jun Jul Aug	Sep Oct Nov D	ec Jan Feb	Mar Apr May Jun	Jul Aug Sep	Oct Nov D	ec Jan Feb Mar	Apr May Jun Jul A	ug Sep Oct Nov Dec
Groups of Pf		No.	SWL (m)	SPL <sup>M</sup> Screening	Month Month	1 2 3	4 5 6	7 8 9	10 11 12 13	3 14 15	16 17 18	19 20 21 :	2 23 24 25	26 27 2	8 29 30 31	32 33 34 35	36 37 38	39 40 41	42 43 44 4	5 46 47	48 49 50 5	1 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 8	4 85 86	87 88 89 90	91 92 93	94 95 5	96 97 98 99	100 101 102 103	04 105 106 107 108
	(E) Work Zone along Widened Tsuen Wan Road for Relocation of Central Median Works Area 5					HH	-			+	-			$\overline{}$			$\overline{}$	++-	$\overline{}$	+	-		$\vdash$		$\vdash$		+++	+		+	+		+	$\overline{}$		HH			
16	(E1) Dismantling Existing Parapet and Installation of New Profile Barrier	Work Zone 5A	113 229	60	63 69		$\blacksquare$			$\blacksquare$													Н			60 60 60	60 60 60 60	+					$\blacksquare$			Н			
		Overall No	ise Level, Leq (30min	n) dR(A)		-	+	<del>                                     </del>		+		<del>                                     </del>		-	<del>                                     </del>		++	<del>                                     </del>		+	<del>-      </del>		$\vdash$		$\overline{}$	60 60 60	80 80 80 80	1		+++	+		+	<del> </del>		+			

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 30m assessment area from the NSR is not considered in the assessment.

13 includes a +3 dB(A) Facade Correction.

13 includes a +3 dB(A) Facade Correction.

14 (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 Plling" by EPD.

Appendix 4.6 Construction Noise Calculation during Restricted Hours (Unmitigated Scenario)

NSR: PC1 - Face Clip Tower 3

Scenario: Unmitigated 
Representative Floor: UF Floor mPD:

Floor mPD: 29 m

		Work [1]						2028					2029				2030				203					2032				20	033				2034					2035				203	36	
		Zone	Dist <sup>[2]</sup>	Build	ding Start Er	d Jan Fet	Mar Apr	May Jun Jul	Aug Sep	Oct Nov Dec	Jan Feb Mar	Apr May J	un Jul Aug S	Sep Oct Nov	Dec Jan Feb	Mar Apr Ma	y Jun Jul i	Aug Sep Oct	Nov Dec Ja	n Feb Mar A	pr May Jun .	ul Aug Sep 0	ct Nov Dec	Jan Feb Mar	Apr May J	Jun Jul Aug	Sep Oct No	w Dec Jan	Feb Mar Apr	r May Jun	Jul Aug S	ep Oct Nov	Dec Jan Fel	Mar Apr	May Jun J	ul Aug Sep	Oct Nov E	Dec Jan Feb	Aar Apr Ma	y Jun Jul	Aug Sep Oct	Nov Dec	Jan Feb Mar A	or May Jun	Jul Aug Sep	Oct Nov
Groups of PME	Construction Activity	No.	SWL (m)	SPL <sup>14</sup> Scree	ening Month Mo	nth 1 2	3 4	5 6 7	8 9	10 11 12	13 14 15	16 17	18 19 20 2	21 22 23	24 25 26	27 28 29	30 31	32 33 34	35 36 37	38 39 4	0 41 42	3 44 45 4	6 47 48	49 50 51	52 53 5	54 55 56	57 58 50	60 61	62 63 64	65 66	67 68 6	9 70 71	72 73 74	75 76	77 78 7	9 80 81	82 83	84 85 86	87 88 89	90 91	92 93 94	95 96	97 98 99 1	0 101 102	103 104 105	5 106 107
	(E) Work Zone along Widened Tsuen Wan Road for Relocation of Central Median																					-														-		$\neg$								T
	Works Area 5	l									$\neg$	-		$\neg$				-			$\overline{}$							$\neg$	$\neg$	-		-		$\Box$		$\neg$	-	$\neg$	-		-	$\Box$				TT
16	(E1) Dismantling Existing Parapet and Installation of New Profile Barrier	Work Zone 5A	113 49	74 -1	10 63 6	9						$\overline{}$																$\neg$	64 64	64 64	64 64 6	4		$\neg$		$\neg$		$\neg$	$\neg$					-		$\overline{}$
																				-		-														-		$\neg$								$\top$
																																						-	-							T = T
		Overall Noise	Level, Leq (30min),	dB(A)																									64 64	64 64	64 64 6	4						-			$\neg$		$\Box$			$\mathbf{T}$

Remarks:

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

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

(3) Includes a \*3 dRUA Fraciac Correction.

(4) For the calculation of sound research eight (SPL), the PMEs are assumed to be placed at the notional source position according to the "Technical Memorandum on Notice from Construction Work other than Percussive Pilling" by EPD.

Appendix 4.6 Construction Noise Calculation during Restricted Hours (Unmitigated Scenario)

NSR: OPI - Ocean Prior Traver 7

Scenario:

Floor mPD:

Floor mPD:

Floor mPD: 30 m

		Work [1]						2028					2029				2030				203					2032					2033				2	034				2	35				2036	
		Zone	Dist <sup>(2)</sup>	Building	Start End	Jan Feb	Mar Apr N	fay Jun Jul	Aug Sep C	ct Nov Dec	Jan Feb Mar	Apr May J	un Jul Aug S	Sep Oct Nov	Dec Jan Feb	Mar Apr Ma	y 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 N	Nov Dec Jan	n Feb Mar	Apr May J	un Jul Aug	Sep Oct N	lov Dec Jan	Feb Mar A	pr May Jun	Jul Aug Si	iep Oct Nov	v Dec Jan F	eb Mar Apr	May Jun	Jul Aug Sep	Oct Nov	Dec Jan Feb Ma	lar Apr Ma	y Jun Jul Aug	Sep Oct
Groups of PME	Construction Activity	No.	SWL (m) S	SPL <sup>M</sup> Screening	ng Month Monti	h 1 2	3 4	5 6 7	8 9 1	0 11 12	13 14 15	16 17	18 19 20 2	21 22 23	24 25 26	27 28 29	30 31	32 33 34	35 36 37	38 39 4	0 41 42	43 44 45	46 47 48	49 50 51	52 53	54 55 56	57 58 5	59 60 61	62 63	64 65 6	6 67 68	69 70	71 72 73	74 75 7	6 77 78	79 80 8	81 82 83	84 85	6 87 88	89 90	91 92 93	94 95	96 97 98 9	9 100 10	1 102 103 104	105 106
	(E) Work Zone along Widened Tsuen Wan Road for Relocation of Central Median																				-																	-								
	Works Area 5											-		$\neg$			-	-			$\neg$	-	-		$\Box$	-	$\Box$	$\neg$	-	$\neg$					-		-	$\overline{}$		$\overline{}$		$\neg$		-		-
16	(E1) Dismantling Existing Parapet and Installation of New Profile Barrier	Work Zone 5A	113 159	63	63 69							$\overline{}$									$\overline{}$						$\overline{}$	$\neg$	63	63 63 6	3 63 63	63	-	$\Box$	$\overline{}$	$\Box$	$\neg$	$\overline{}$	-	$\overline{}$		$\neg$		$\neg$	-	$\overline{}$
														$\overline{}$							$\overline{}$				$\overline{}$				$\overline{}$	$\neg$	$\overline{}$	-		-	-	-	$\neg$	$\overline{}$				$\neg$		$\neg$	-	$\overline{}$
																					-																	-								
		Overall Noise	Level, Leq (30min), o	dB(A)																									63	63 63 6	3 63 63	63									$\Box$	$\neg$			-	

Remarks:

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

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

(3) Includes a \*3 dRUA Fraciac Correction.

(4) For the calculation of sound research eight (SPL), the PMEs are assumed to be placed at the notional source position according to the "Technical Memorandum on Notice from Construction Work other than Percussive Pilling" by EPD.

Appendix 4.6 Construction Noise Calculation during Restricted Hours (Unmitigated Scenario)

NSR: OFIT - Cose Price Town 10

Scenario: Unmitigated V

Floor mFD: 30 m

Appendix 4.6 Construction Noise Calculation during Restricted Hours (Unmitigated Scenario)

NSR: (P1 - City Felet Black 1

Scenario: IF Floor mPD:

Floor mPD: 27 m

		Work [7]						2028					2029				2	2030				2031				- 1	032				203	3				2034	4				203					2036	
		Zone	Dist <sup>(2)</sup>	Buildin	o Start End	Jan Feb	b Mar Apr	r May Jun Ju	al Aug Sep	Oct Nov Dec	Jan Feb	Mar Apr I	fay Jun Jul	Aug Sep Oc	ct Nov Dec	Jan Feb Mar	Apr May Jun	Jul Aug S	p Oct Nov	Dec Jan Fe	eb Mar Apr	May Jun Jul	Aug Sep Oct	Nov Dec Jan	n Feb Mar A	Apr May Jun	Jul Aug Se	p Oct Nov	Dec Jan Fe	eb Mar Apr	May Jun	Jul Aug Sep	Oct Nov	Dec Jan Feb	Mar Apr N	May Jun J	Jul Aug Sep	Oct Nov	Dec Jan Feb	Mar Apr N	May Jun	Jul Aug Sep C	Oct Nov D	Dec Jan Feb Ma	r Apr May	Jun Jul Aug	Sep Oct
Groups of PME	Construction Activity	No.	SWL (m) S	SPL <sup>M</sup> Screen	ing Month Mont	h 1 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 27	28 29 30	31 32 3	3 34 35	36 37 3	8 39 40	41 42 43	44 45 46	47 48 49	50 51 5	52 53 54	55 56 57	58 59	60 61 6	2 63 64	65 66	67 68 69	70 71	72 73 74	75 76 7	77 78 7	79 80 81	82 83	84 85 86	87 88 1	89 90	91 92 93 9	94 95 5	96 97 98 99	100 101	102 103 104	105 106
	(E) Work Zone along Widened Tsuen Wan Road for Relocation of Central Median																						-					-		-													$\neg$				$\Box$
	Works Area 5				1 1							$\neg$	$\neg$												-	$\neg$			-					$\neg$	$\overline{}$	$\neg$		$\Box$		-	$\neg$		-				$\Box$
16	(E1) Dismantling Existing Parapet and Installation of New Profile Barrier	Work Zone 5A	113 38	76	63 69								$\overline{}$													$\neg$			$\overline{}$	76 76	76 76	76 76 76		-	$\overline{}$	$\neg$		$\Box$	$\neg$	$\Box$	$\neg$		$\neg$				$\Box$
					1 1								$\overline{}$									$\overline{}$	-					$\overline{}$		$\overline{}$				$\neg$		$\neg$	$\neg$		$\neg$	-	$\neg$	$\neg$	$\neg$				$\Box$
																							-					-		-													$\neg$				$\Box$
		Overall Nois	se Level, Leg (30min), o	dB(A)																										76 76	76 76	76 76 76									-		$\overline{}$				$\Box$

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 dBUN Facility Control Contr

Appendix 4.6 Construction Noise Calculation during Restricted Hours (Unmitigated Scenario)

NSR: 

CP12 - City Paint Block 8

Unmitigated V

Representative Floor: 1F Floor mPD:

Floor mPD: 30.2 m

		Work [7]						2028					2029					2030				2031				- 1	032				2033					2034					2035					2036	
		Zone	Dist <sup>(2)</sup>	Buildin	g Start En	d Jan Fe	ib Mar Ap	er May Jun J	ul Aug Sep	Oct Nov D	c Jan Feb	Mar Apr	May Jun Jul	Aug Sep O	Oct Nov Dec	Jan Feb Mar	Apr May Ju	n Jul Aug :	Sep Oct Nov	Dec Jan F	Feb Mar Apr	May Jun Jul	Aug Sep Oct	Nov Dec Ja	n Feb Mar A	Apr May Jun	Jul Aug Se	p Oct Nov	Dec Jan Fe	b Mar Apr	May Jun Ju	al Aug Sep	Oct Nov D	Dec Jan Feb	Mar Apr M	May Jun Ju	ul Aug Sep	Oct Nov E	Dec Jan Feb	Mar Apr M	tay Jun J	al Aug Sep Oc	lct Nov D	ec Jan Feb Mar	Apr May	Jun Jul Aug	Sep Oct
Groups of PME	Construction Activity	No.	SWL (m) S	SPL <sup>rt</sup> Screeni	ing Month Mon	th 1 2	3 4	5 6	7 8 9	10 11 1	2 13 14	15 16	17 18 19	20 21 2	22 23 24	25 26 27	28 29 30	0 31 32	33 34 35	36 37 3	38 39 40	41 42 43	44 45 46	47 48 49	9 50 51	52 53 54	55 56 57	7 58 59	60 61 63	2 63 64	65 66 6	7 68 69	70 71 7	72 73 74	75 76 7	77 78 79	9 80 81	82 83 1	84 85 86	87 88 8	89 90 9	1 92 93 94	95 9	96 97 98 99	100 101	102 103 104	105 106
	(E) Work Zone along Widened Tsuen Wan Road for Relocation of Central Median																													-		-		-			-	-	$\neg$								-
	Works Area 5												-		$\neg$			-	-	$\overline{}$					-	$\neg$				-	-	-	$\neg$			$\neg$		-		$\neg$	-	-	$\neg$				$\sigma$
16	(E1) Dismantling Existing Parapet and Installation of New Profile Barrier	Work Zone 5A	113 47	74	63 69						-		-		$\overline{}$										$\overline{}$	$\neg$				74 74	74 74 7	4 74 74	$\neg$		$\Box$	-		$\overline{}$		$\neg$	$\overline{}$		$\neg$				$\overline{}$
													-		$\overline{}$										$\overline{}$					$\overline{}$	$\overline{}$	$\overline{}$	$\neg$	$\overline{}$		$\neg$	$\overline{}$	$\overline{}$	$\overline{}$	$\neg \neg$	-	$\overline{}$	$\neg$				$\overline{}$
																																-		-			-	-	$\neg$								$\sigma$
		Overall Nois	se Level, Leg (30min), o	dB(A)																										74 74	74 74 7	4 74 74		$\overline{}$					$\overline{}$		-						$\overline{}$

Remarks:

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

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

[3] includes a +3 dB(A)F Facility Control Contro

Appendix 4.6 Construction Noise Calculation during Restricted Hours (Unmitigated Scenario)

NSR: RGU2 - Hol Keel Manton, Rivers Gardens

Scenario: Unmitigated 

Floor mPD: 28.2 m

		Work [1]						2028				2029			2030				2031				2032				203	3			2	034				2035			2036		-
		Zone	Dist <sup>(2)</sup>	Building	Start End	Jan Feb Mar	Apr May Ju	un Jul Aug Se	Oct Nov Dec J	lan Feb Mar	Apr May	Jun Jul Aug Sep	Oct Nov Dec	Jan Feb Mar	Apr May Jun J	ul Aug Sep Oct	Nov Dec Ja	n Feb Mar Apr M	ay Jun Jul A	g Sep Oct	Nov Dec Jan Fel	Mar Apr	May Jun Jul A	ug Sep Oct	Nov Dec Jan	Feb Mar Apr	May Jun	Jul Aug Sep Oct	t Nov Dec	Jan Feb Mar	Apr May Jun	Jul Aug S	iep Oct Nov De	c Jan Feb	Mar Apr May Jus	Jul Aug Se	ep Oct Nov	Dec Jan Feb Ma	Apr May Jun Jul	Aug Sep Oct	Nov Dec
Groups of PN		No.	SWL (m)	SPL <sup>M</sup> Screening	Month Month	1 2 3	4 5 6	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 3	1 32 33 34	35 36 3	7 38 39 40 4	1 42 43 4	4 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 8	4 85 86	87 88 89 90	91 92 93	93 94 95	96 97 98 99	100 101 102 103	104 105 106	107 108
	(E) Work Zone along Widened Tsuen Wan Road for Relocation of Central Median Works Area 5					$\vdash$	+	+	+++	+	+		+	-		+++		+	+	+		$\vdash$	$\vdash$	+	-	$\overline{}$	$\dashv$		$\vdash$	+	-	+++		+			+				H
16	(E1) Dismantling Existing Parapet and Installation of New Profile Barrier	Work Zone 5A	113 298	58	63 69		$\blacksquare$				$\Box$											$\blacksquare$			$\blacksquare$	58 58	58 58	58 58 58				$\Box$									$\equiv$
		Overall No	se Level, Leg (30min	/B(A)		<del></del>	+	+++	<del></del>	-	+	<del></del>			<del>                                     </del>	+++	-	<del></del>	+++	+		-	<del>                                     </del>	+	-	58 58	58 58	58 58 58	+	-		++		++			+	-		-	-

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 30m assessment area from the NSR is not considered in the assessment.

13 includes a +3 dB(A) Facade Correction.

13 includes a +3 dB(A) Facade Correction.

14 (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 Plling" by EPD.

		Work [7]						2028					2029				20	30				2031				2032	2				2033					2034		- 1			2035				2036	
		Zone	Dist <sup>[2]</sup>	Buildin	g Start End	Jan Feb	Mar Apr	May Jun Ju	I Aug Sep	Oct Nov Dec	Jan Feb M	Mar Apr M	lay Jun Jul	Aug Sep Oct	Nov Dec J	Jan Feb Mar A	Apr May Jun	Jul Aug Sep	Oct Nov D	Dec Jan Feb	Mar Apr Ma	y Jun Jul Aug	Sep Oct No	lov Dec Jan F	Feb Mar Apr	May Jun .	Jul Aug Sep	Oct Nov D	Dec Jan Feb	Mar Apr I	May Jun Jul	Aug Sep C	lct Nov D	ec Jan Feb I	Mar Apr May	y Jun Jul	Aug Sep Oct	Nov Dec	Jan Feb Mar	Apr May	Jun Jul Au	Sep Oct N	lov Dec Jan F	Feb Mar Apr	May Jun Jul A	lug Sep Oc
Groups of PME	Construction Activity	No.	SWL (m) S	SPL <sup>M</sup> Screeni	ing Month Mont	1 2	3 4	5 6 7	8 9	10 11 12	13 14 1	15 16 1	7 18 19	20 21 22	23 24	25 26 27 3	28 29 30	31 32 33	34 35 3	36 37 38	39 40 41	42 43 44	45 46 4	47 48 49	50 51 52	53 54	55 56 57	58 59 6	60 61 62	63 64	65 66 67	68 69 7	70 71 7	72 73 74	75 76 77	78 79	80 81 82	83 84	85 86 87	88 89	90 91 92	93 94 5	95 96 97 5	98 99 100	101 102 103 1	104 105 106
	(E) Work Zone along Widened Tsuen Wan Road for Relocation of Central Median																																			-		$\Box$								
	Works Area 5									$\neg$						-					$\neg$			-	-	-			$\neg$	-	-		-	$\neg$	-	$\Box$		$\Box$		$\Box$			-			
16	(E1) Dismantling Existing Parapet and Installation of New Profile Barrier	Work Zone 5A	113 190	62	63 69											$\overline{}$								$\overline{}$		$\overline{}$			$\overline{}$	62 62	62 62 62	62 62	$\overline{}$	$\neg$	$\overline{}$	$\neg$	$\neg$						$\neg$			
																																		-		-	$\neg$	$\Box$		$\Box$						
																																		-		-		$\Box$								
		Overall Nois	e Level, Leq (30min), d	dB(A)																										62 62	62 62 62	62 62			$\overline{}$	$\Box$			-					$\neg$		

Remarks:

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

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

13 Includes a +3 dBLN Faculte Correction.

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