Appendix 4.13 Construction Noise Calculation during Restricted Hours (Mitigated Scenario)

Appendix 4.13 Construction Noise Calculation during Restricted Hours (Mitigated Scenario)
NSR: C022-Claps Garden Istate Book A

		Work ^[1]						2028					2029				20	130				2031				2	032				2033					2034					2035					2036	
		Zone	Di	st ^[2] Buil	sing Start	End Jan	Feb Mar Apr	May Jun Ju	lul Aug Sep C	Oct Nov Dec	Jan Feb I	flar Apr May	Jun Jul Au	ug Sep Oct	Nov Dec Jan	Feb Mar	Apr May Jun	Jul Aug S	Sep Oct Nov	Dec Jan Fe	ab Mar Apr	May Jun Jul	Aug Sep	Oct Nov Dec	Jan Feb Ma	r Apr May Jun	Jul Aug S	Sep Oct Nov E	lec Jan Fel	b Mar Apr	May Jun Ju	al Aug Sep	Oct Nov E	ec Jan Feb	Mar Apr	May Jun Ju	al Aug Sep	p Oct Nov D	Dec Jan Feb	Mar Apr M	iy Jun Jul A	kug Sep Oct	t Nov Dec	Jan Feb Ma	ar Apr May Ji	un Jul Aur	ug Sep Oct
sups of PME	Construction Activity	No.	SWL 0	m) SPL ^M Scre	ening Month	Month 1	2 3 4	5 6 7	7 8 9 1	10 11 12	13 14	15 16 17	18 19 2	0 21 22	23 24 25	26 27	28 29 30	31 32	33 34 35	36 37 3	8 39 40	41 42 43	44 45	46 47 48	49 50 51	52 53 54	55 56	57 58 59	60 61 62	2 63 64	65 66 63	7 68 69	70 71	72 73 74	75 76	77 78 79	9 80 81	82 83 8	84 85 86	87 88 8	90 91 9	92 93 94	95 96	97 98 9	9 100 101 1	.02 103 104	4 105 10F
	(E) Work Zone along Widened Tsuen Wan Road for Relocation of Central Median																																														
	Works Area 5				1 1																																										
16	(E1) Dismantling Existing Parapet and Installation of New Profile Barrier	Work Zone 5A	86 2	29 34	63	69																								34 34	34 34 34	4 34 34															
		Overall No	oise Level, Leg (3	(Imin) dB(A)																										34 34	34 34 3	4 34 34															T

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. 23) Includes a +3 dB/AI Facade Correction. 24) For the calculation of sound resease levels (SPA), the PMEs are assumed to be placed at the notional source position according to the "Technical Memorandum on Noise from Constituction Work other than Percusaive Plind" by EPD.

Appendix 4.13 Construction Noise Calculation during Restricted Hours (Mitigated Scenario)
NSR: C1-7sc Cty Texer 3
Scenario: Mitigate
Pioer: Pioer: Pioer: 22 m
Representative Floor: UF
Pioer mPD: 23 m

		Work ^[1]					2	28				2029				2030				2031				2032				20	33				2034				21	35				2036	
		Zone	Dist ⁽²⁾	Building	Start End	Jan Feb	Mar Apr May Ju	Jul Aug Se	p Oct Nov D	ec Jan Feb	Mar Apr May	Jun Jul Aug	Sep Oct Nov	Dec Jan Feb	Mar Apr May	Jun Jul Aug	Sep Oct N	iov Dec Jan F	ab Mar Apr	May Jun Jul	Aug Sep (Oct Nov Dec Jan	Feb Mar A	pr May Jun Jul A	ug Sep Oct	Nov Dec Jan	Feb Mar A	Apr May Jun	Jul Aug Se	p Oct Nov	Dec Jan Feb	b Mar Apr	May Jun Jul A	Aug Sep C	Dct Nov Dec Ja	an Feb M	ar Apr May Jun	Jul Aug Se	ep Oct Nov	Dec Jan F	ab Mar Apr N	ay Jun Jul	Aug Sep
Groups of PME	Construction Activity	No.	SWL (m)	SPL ^M Screening	Month Month	1 2	3 4 5 6	7 8 9	10 11 1	2 13 14	15 16 17	18 19 20	21 22 23	24 25 26	27 28 29	30 31 32	33 34 3	35 36 37 3	8 39 40	41 42 43	44 45	46 47 48 49	50 51 5	2 53 54 55 5	56 57 58	59 60 61	62 63	64 65 66	67 68 6	9 70 71	72 73 74	75 76	77 78 79	80 81 1	82 83 84 8	5 86 8	7 88 89 90	91 92 90	3 94 95	96 97 5	8 99 100 1	01 102 103	104 105
-	(E) Work Zone along Widened Tsuen Wan Road for Relocation of Central Median																																										
	Works Area 5				I I F																																						
16	(E1) Dismantling Existing Parapet and Installation of New Profile Barrier	Work Zone 5A	86 49	47 -10	63 69																						37	37 37 37	37 37 3	7													
		Overal N	loise Level, Leg (30m	in) dB(A)																							37	37 37 37	37 37 3	7													

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 disk1 Facade Correction. 14 For the calculation of sound pressure levels (SPL), the PME's are assumed to be placed at the notional source position according to the "Technical Memorandum on Noiles from Construction Work other than Percusaive Plinic" by EPD.

Appendix 4.13 Construction Noise Calculation during Restricted Hours (Mitigated Scenario)
NSR: OPT-Oxan Prior Informer 7
Scenario: Mitigated Scenario: Floor mPD: 30 m
Representative Floor: 10 F

		Work ^[1]					20	8				2029				2030				2031				1	2032				2033					2034					2035				2	2036	
		Zone	Dist ^[2]	Building	Start End	Jan Feb Mar	Apr May Jun	Jul Aug Sep	Oct Nov Dec	Jan Feb Ma	r Apr May J	un Jul Aug	Sep Oct Nov	Dec Jan Fe	b Mar Apr Ma	y Jun Jul Au	g Sep Oct N	lov Dec Jan F	eb Mar Apr	May Jun Jul	Aug Sep (Oct Nov Dec	Jan Feb M	ar Apr May Jur	n Jul Aug	Sep Oct Nov E	ec Jan Feb	Mar Apr M	lay Jun Jul	Aug Sep	Oct Nov De	ec Jan Feb	Mar Apr	May Jun Jul	Aug Sep	Oct Nov Dec	Jan Feb	Mar Apr May	Jun Jul Au	ug Sep Oct	Nov Dec Ja	an Feb Mar	Apr May Jun	n Jul Aug	Sep Ocr
oups of PME	Construction Activity	No.	SWL (m)	SPL ^{P1} Screening	Month Month	1 2 3	4 5 6	7 8 9	10 11 12	13 14 15	16 17 1	18 19 20	21 22 23	24 25 26	5 27 28 25	30 31 32	2 33 34 3	35 36 37 3	8 39 40	41 42 43	44 45	46 47 48	49 50 5	1 52 53 54	55 56	57 58 59	0 61 62	63 64 6	65 66 67	68 69	70 71 7.	2 73 74	75 76	77 78 79	80 81	82 83 84	85 86	87 88 89	90 91 92	2 93 94	95 96 9	7 98 99	100 101 102	2 103 104	105 10F
	(E) Work Zone along Widened Tsuen Wan Road for Relocation of Central Median																																											T	
	Works Area 5																																											T	
16	(E1) Dismantling Existing Parapet and Installation of New Profile Barrier	Work Zone 5A	86 159	37	63 69																							37 37 3	37 37 37	37 37															
																																												T	
																																												T	
		Overall No	oise Level, Leg (30mi	n), dB(A)																								37 37 3	37 37 37	37 37															

Remarks: 111 The Works Area with length to width ratio exceeding 5 : 1 is divided into Subareas. 212 Works area which are completely out of 300m assessment area from the NSR is not considered in the assessment. 131 Includes a +3 dB/AI Facade Correction. 141 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 Noise from Construction Work other than Percussive Pilling" by EPD.

Appendix 4.13 Construction Noise Calculation during Restricted Hours (Mitigated Scenario)
NSR: 0P11-Ocaan Prior to Scenario: Mitigated Scenario: Mitigated Scenario: S

		Work [1]						2028				2029					2030				2031					2032				2033					2034					2035				2036	-	-
		Zone	Dist ^[2]	Buil	lding Start End	Jan Feb	Mar Apr May J	un Jul Aug	Sep Oct Nov	Dec Jan Fe	ib Mar Apr	May Jun .	Jul Aug Sep C	Oct Nov Dec	: Jan Feb I	ar Apr May .	lun Jul Aug	Sep Oct No	v Dec Jan	Feb Mar Apr N	ay Jun Jul	Aug Sep Oct	Nov Dec .	Jan Feb Mar	Apr May J	lun Jul Aug	Sep Oct Nov	Dec Jan F	Feb Mar Apr	May Jun J	ul Aug Sep	Oct Nov De	ic Jan Feb	b Mar Apr	May Jun J	ul Aug Se	ap Oct Nov	Dec Jan Feb	Mar Apr Ma	Jun Jul A	ug Sep Oct	Nov Dec Jar	Feb Mar Ap	r May Jun J	Jul Aug Sep	Oct Nov Dec
Groups of PME	Construction Activity	No.	SWL (m)	SPL ¹⁴¹ Scre	eening Month Month	1 2	3 4 5	6 7 8	9 10 11	12 13 1	4 15 16	17 18	19 20 21 2	22 23 24	25 26	7 28 29	30 31 32	33 34 3	5 36 37	38 39 40	1 42 43	44 45 46	47 48	49 50 51	52 53	54 55 56	57 58 59	60 61 6	62 63 64	65 66 6	7 68 69	70 71 7.	2 73 74	75 76	77 78 7	9 80 81	1 82 83	84 85 86	87 88 89	90 91 9	32 93 94	95 96 97	98 99 100	d 101 102 1/	103 104 105	106 107 10'
	(E) Work Zone along Widened Tsuen Wan Road for Relocation of Central Median																																													
	Works Area 5																																													
16	(E1) Dismantling Existing Parapet and Installation of New Profile Barrier	Work Zone 5A	86 31	51	63 69																								51 51	51 51 5	1 51 51															
		Overall Nois	e Level, Leg (30min),	dB(A)																									51 51	51 51 4	1 51 51															

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. 23) Includes a +3 dB/AI Facade Correction. 24) For the calculation of sound resease levels (SPA), the PMEs are assumed to be placed at the notional source position according to the "Technical Memorandum on Noise from Constituction Work other than Percusaive Plind" by EPD.

Appendix 4.13 Construction Noise Calculation during Restricted Hours (Mitigated Scenario)
NSR: OT-Op Free Indu 1
Somario: Mitigated
Ploor mPD: 27 m
Representative Floor: VF Floor mPD: 27 m

		Work ^[7]						2028					2029					2030				2	031				2032				20	133				2034					2035					2036	
		Zone	Dist ¹²	я в	uilding Start	End Jan	Feb Mar A	or May Jun	Jul Aug Sep	Oct Nov D	ec Jan Feb	b Mar Apr	May Jun Ju	I Aug Sep	Oct Nov Dec	Jan Feb Ma	ar Apr May	Jun Jul Aug	Sep Oct	Nov Dec Jan	Feb Mar	Apr May Jun	Jul Aug Se	p Oct Nov	Dec Jan Feb	Mar Apr	May Jun Jul J	Aug Sep O	ct Nov Dec Jan	Feb Mar	Apr May Jun	Jul Aug S	ap Oct Nov	Dec Jan Fe	eb Mar Ap	pr May Jun Ju	al Aug Sep	Oct Nov Dec	Jan Feb	Mar Apr May	Jun Jul Aug	g Sep Oct	Nov Dec Ja	n Feb Mar	Apr May Ju	un Jul Aug	Sep Oct P
Groups of PME	Construction Activity	No.	SWL (m)	SPL ^M Scr	reening Month	Month 1	2 3	5 6	7 8 9	10 11 1	2 13 14	15 16	17 18 19	20 21	22 23 24	25 26 27	7 28 29	30 31 32	33 34	35 36 37	38 39	40 41 42	43 44 45	5 46 47	48 49 50	51 52	53 54 55	56 57 5	8 59 60 61	62 63	64 65 66	67 68 6	9 70 71	72 73 7	74 75 76	6 77 78 7	9 80 81	82 83 84	85 86	87 88 89	90 91 92	2 93 94	95 96 97	7 98 99	100 101 10	J2 103 104	105 106
	(E) Work Zone along Widened Tsuen Wan Road for Relocation of Central Median Works Area 5																																									Ŧ₽					
16	(E1) Dismantling Existing Parapet and Installation of New Profile Barrier	Work Zone 5A	86 38	50	63	69																								50	50 50 50	50 50 5	0									Ŧ				Ŧ	
		Overall N	ise Level, Leg (30m	nin), dB(A)																										50	50 50 50	50 50 5	60														

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) Facade Correction. [4] For the calculation of sound resease 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 Pling" by EPD.

Appendix 4.13 Construction Noise Calculation during Restricted Hours (Mitigated Scenario)
NSR: 0712-01 yield tool 8
Semario: Mitigated
Representative Floor mPD: 30.2 m

		Work [1]						028				2029					2030				2031				203	2				2033				2034	34				2035				2036		
		Zone	Dist	a Build	ing Start End	Jan Feb	Mar Apr May J	n Jul Aug S	ep Oct Nov	Dec Jan I	Feb Mar Ap	r May Jun .	lul Aug Sep	Oct Nov Dec	Jan Feb Ma	ar Apr May	Jun Jul Aug	Sep Oct No	ov Dec Jan F	ib Mar Apr	May Jun Jul	Aug Sep (Oct Nov Dec J	an Feb Mar	Apr May Jun	Jul Aug Se	p Oct Nov Dec	Jan Feb I	Mar Apr May	Jun Jul A	ug Sep Oct	Nov Dec Jan	Feb Mar A	Apr May Jun .	Jul Aug Se	p Oct Nov D	Dec Jan Feb	Mar Apr May	Jun Jul Aug	Sep Oct No	v Dec Jan	Feb Mar Apr	May Jun Jul	I Aug Sep	Oct Nov
Groups of PME	Construction Activity	No.	SWL (m)	SPL ^M Scree	ning 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	7 28 29	30 31 32	33 34 3	5 36 37 3	8 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 6	58 69 70	71 72 73	74 75	76 77 78	79 80 8	1 82 83 8	84 85 86	87 88 89	90 91 92	93 94 95	5 96 97	98 99 100	101 102 103	3 104 105	106 107
	(E) Work Zone along Widened Tsuen Wan Road for Relocation of Central Median																																												
	Works Area 5																																											\mathbf{T}	
16	(E1) Dismantling Existing Parapet and Installation of New Profile Barrier	Work Zone 5A	86 47	48	63 69																								48 48 48	48 48 4	48 48														
		Overall N	oise Level, Leq (30n	nin), dB(A)																									48 48 48	48 48	48 48														

Remets: 11 The Works Area with length to width ratio exceeding 5 : 1 is divided into Subarnas. 12 Works area which are completely out of 300m assessment area from the NSR is not considered in the assessment. 13 Includes a -3 diol/Facado Correction. ICPL, the PMES are assumed to be clased at the notional source position 14 For the classification of the classification o

Appendix 4.13 Construction Noise Calculation during Restricted Hours (Mitigated Scenario)
NSR: N021-140 task Martion, Rivers Gardems
Scenario: Mitigated
Representative Floor: UF Floor mPD: 28.2 m

Representative Floor:	WF .	FIGOR MPD:	20.2																																								
		Work [1]					20'	8			2029				2030				2031				2032					2033				20	134				2035	-				2036	
		7000	Dist	a Buildir	a Start For	Jan Feb Ma	r Apr May Jun	Jul Aug Sep (Oct Nov Dec Jan	Feb Mar Apr M	lay Jun Jul Au	ig Sep Oct No	ov Dec Jan	eb Mar Apr May	Jun Jul A	ug Sep Oct Nov Dec	Jan Feb	b Mar Apr May J	Jun Jul Aug	Sep Oct Nov	Dec Jan	Feb Mar Ap	r May Jun Jul	Aug Sep (Oct Nov Dec Ja	an Feb M	ar Apr May Ju	an Jul Aug	Sep Oct No	v Dec Jan	Feb Mar A	kpr May Jun	Jul Aug	Sep Oct Nov	Dec Jan F	eb Mar Apr Ma	y Jun Jul	Aug Sep Oct	Nov Dec J	Jan Feb Mr	lar Apr May Ju	un Jul Aug	Sep Oct Nov De
Groups of PME	Construction Activity	No.	SWL (m)	SPL ^M Screen	ing Month Mon	h 1 2 3	4 5 6	7 8 9	10 11 12 13	14 15 16 1	17 18 19 2	0 21 22 2	3 24 25	26 27 28 29	30 31 3	2 33 34 35 36	37 38	39 40 41	42 43 44	45 46 47	48 49	50 51 52	53 54 55	5 56 57	58 59 60 6	62 6	3 64 65 6	6 67 68	69 70 71	72 73	74 75 1	76 77 78	79 80	81 82 83	84 85 F	86 87 88 87	J 90 91	92 93 94	95 96 9	97 98 97	/9 100 101 10	J2 103 104	105 106 107 1/
	(E) Work Zone along Widened Tsuen Wan Road for Relocation of Central Median																																										
	Works Area 5																																									\neg	
16	(E1) Dismantling Existing Parapet and Installation of New Profile Barrier	Work Zone 5A	86 298	32	63 69																					3	2 32 32 3	2 32 32	32													\neg	
																																										\mathbf{T}	
		Overall Noi	ise Level, Leg (30n	nin), dB(A)																						3	2 32 32 3	2 32 32	32						\square								
a manden :																																								-			

Renates: 11 The Works Area with length to width ratio exceeding 5 : 1s 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 diol/Facade Correction. 14 For the calculation of sound pressure levels (SPL) the PMEs are assumed to be glaced at the notional source position soccoding to be "Technical Memoryation" control from Construction. Work other than Percusate Pilling the EPD.

 Appendix 4.13
 Construction Noise Calculation during Restricted Hours (Mitigated Scenario)

 NSR:
 NSR:
 NSR:

 Scenario:
 Mitigated

 Representative Floor:
 10"

Floor mPD: 60 m

		Work ^[1]					2028				20	1029				2	2030				2031					2032					2033					203	34				2035					2036	-	
		Zone	Dist ⁽²⁾	Building Sta	t End Jan	Feb Mar	Apr May Jun Ju	lul Aug Sep	Oct Nov Dec J	Jan Feb Mar	Apr May Jun	n Jul Aug	Sep Oct Nov	ov Dec Jan	n Feb Mar	Apr May Jun	a Jul Aug	Sep Oct Nov	Dec Jan	Feb Mar Apr N	lay Jun Jul	Aug Sep C	Oct Nov De	c Jan Feb	Mar Apr 1	May Jun Jul	Aug Sep (tt Nov Dec	Jan Feb	Mar Apr Ma	y Jun Jul	Aug Sep (Dct Nov Dec	c Jan Feb	b Mar Apr	May Jun	Jul Aug	Sep Oct Nov	v Dec Jan	Feb Mar Ap	May Jun J	ul Aug Sep	Oct Nov De	ic Jan Feb	b Mar Apr M	Jay Jun Jul	I Aug Ser	Oct No
Groups of PME	Construction Activity	No.	SWL (m) SPL	" Screening Mor	th Month 1	2 3	4 5 6 7	7 8 9	10 11 12 1	13 14 15	16 17 18	8 19 20	21 22 23	3 24 25	5 26 27	28 29 30	31 32	33 34 35	36 37	38 39 40	1 42 43	44 45 4	46 47 48	8 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 5	1 92 93	94 95 9	6 97 98	99 100 1	/01 102 103	3 104 105	/ 106 10"
	(E) Work Zone along Widened Tsuen Wan Road for Relocation of Central Median																																															
	Works Area 5			1 1																																												
16	(E1) Dismantling Existing Parapet and Installation of New Profile Barrier	Work Zone 5A	86 190 35	63	69																									35 35 35	35 35	35 35																
				1 1																																												
				1 1																																												
		Overall Noise L	evel, Leg (30min), dB(A	0																										35 35 35	35 35	35 35																

Remarks: 11) The Works Area with lengh 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. 23) Includes a +3 dB/Ai Facade Correction. 14) For the addaction of sound resease 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 Percusive Pilling" by EPD.